3.12 Interact Paving -7 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0116	0.1168	0.1531	2.4000e-004		5.9600e-003	5.9600e-003		5.4900e-003	5.4900e-003	0.0000	21.0289	21.0289	6.8000e-003	0.0000	21.1990
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0116**	**0.1168**	**0.1531**	**2.4000e-004**		**5.9600e-003**	**5.9600e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**21.0289**	**21.0289**	**6.8000e-003**	**0.0000**	**21.1990**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-004	0.0102	2.7200e-003	3.0000e-005	0.0208	2.0000e-005	0.0208	2.2000e-003	2.0000e-005	2.2200e-003	0.0000	2.7191	2.7191	2.0000e-004	0.0000	2.7241
Worker	1.4000e-004	9.0000e-005	9.7000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2834	0.2834	1.0000e-005	0.0000	0.2836
Total	**4.4000e-004**	**0.0103**	**3.6900e-003**	**3.0000e-005**	**0.0330**	**2.0000e-005**	**0.0330**	**3.4700e-003**	**2.0000e-005**	**3.5000e-003**	**0.0000**	**3.0026**	**3.0026**	**2.1000e-004**	**0.0000**	**3.0077**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0289	21.0289	6.8000e-003	0.0000	21.1989
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0289**	**21.0289**	**6.8000e-003**	**0.0000**	**21.1989**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-004	0.0102	2.7200e-003	3.0000e-005	0.0148	2.0000e-005	0.0148	1.6000e-003	2.0000e-005	1.6200e-003	0.0000	2.7191	2.7191	2.0000e-004	0.0000	2.7241
Worker	1.4000e-004	9.0000e-005	9.7000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	9.2000e-004	0.0000	9.2000e-004	0.0000	0.2834	0.2834	1.0000e-005	0.0000	0.2836
Total	**4.4000e-004**	**0.0103**	**3.6900e-003**	**3.0000e-005**	**0.0234**	**2.0000e-005**	**0.0234**	**2.5200e-003**	**2.0000e-005**	**2.5400e-003**	**0.0000**	**3.0026**	**3.0026**	**2.1000e-004**	**0.0000**	**3.0077**

3.13 Interact Paving -8 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0121	0.1224	0.1604	2.5000e-004		6.2500e-003	6.2500e-003		5.7500e-003	5.7500e-003	0.0000	22.0303	22.0303	7.1300e-003	0.0000	22.2084
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0121**	**0.1224**	**0.1604**	**2.5000e-004**		**6.2500e-003**	**6.2500e-003**		**5.7500e-003**	**5.7500e-003**	**0.0000**	**22.0303**	**22.0303**	**7.1300e-003**	**0.0000**	**22.2084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0107	2.8500e-003	3.0000e-005	0.0218	2.0000e-005	0.0218	2.3100e-003	2.0000e-005	2.3300e-003	0.0000	2.8486	2.8486	2.1000e-004	0.0000	2.8538
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2969	0.2969	1.0000e-005	0.0000	0.2971
Total	**4.6000e-004**	**0.0108**	**3.8700e-003**	**3.0000e-005**	**0.0346**	**2.0000e-005**	**0.0346**	**3.6500e-003**	**2.0000e-005**	**3.6700e-003**	**0.0000**	**3.1455**	**3.1455**	**2.2000e-004**	**0.0000**	**3.1509**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0303	22.0303	7.1300e-003	0.0000	22.2084
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0303**	**22.0303**	**7.1300e-003**	**0.0000**	**22.2084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0107	2.8500e-003	3.0000e-005	0.0155	2.0000e-005	0.0155	1.6800e-003	2.0000e-005	1.7000e-003	0.0000	2.8486	2.8486	2.1000e-004	0.0000	2.8538
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2969	0.2969	1.0000e-005	0.0000	0.2971
Total	**4.6000e-004**	**0.0108**	**3.8700e-003**	**3.0000e-005**	**0.0245**	**2.0000e-005**	**0.0245**	**2.6400e-003**	**2.0000e-005**	**2.6600e-003**	**0.0000**	**3.1455**	**3.1455**	**2.2000e-004**	**0.0000**	**3.1509**

3.14 Interact Paving -9 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0103	0.1019	0.1458	2.3000e-004		5.1000e-003	5.1000e-003		4.6900e-003	4.6900e-003	0.0000	20.0269	20.0269	6.4800e-003	0.0000	20.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0103**	**0.1019**	**0.1458**	**2.3000e-004**		**5.1000e-003**	**5.1000e-003**		**4.6900e-003**	**4.6900e-003**	**0.0000**	**20.0269**	**20.0269**	**6.4800e-003**	**0.0000**	**20.1888**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2000e-004	7.6200e-003	2.3600e-003	3.0000e-005	0.0198	1.0000e-005	0.0198	2.1000e-003	1.0000e-005	2.1100e-003	0.0000	2.5245	2.5245	1.7000e-004	0.0000	2.5287
Worker	1.2000e-004	8.0000e-005	8.6000e-004	0.0000	0.0116	0.0000	0.0116	1.2100e-003	0.0000	1.2200e-003	0.0000	0.2596	0.2596	1.0000e-005	0.0000	0.2598
Total	**3.4000e-004**	**7.7000e-003**	**3.2200e-003**	**3.0000e-005**	**0.0314**	**1.0000e-005**	**0.0314**	**3.3100e-003**	**1.0000e-005**	**3.3300e-003**	**0.0000**	**2.7841**	**2.7841**	**1.8000e-004**	**0.0000**	**2.7885**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3400e-003	0.1004	0.1730	2.3000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.0268	20.0268	6.4800e-003	0.0000	20.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.3400e-003**	**0.1004**	**0.1730**	**2.3000e-004**		**3.7000e-004**	**3.7000e-004**		**3.7000e-004**	**3.7000e-004**	**0.0000**	**20.0268**	**20.0268**	**6.4800e-003**	**0.0000**	**20.1888**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2000e-004	7.6200e-003	2.3600e-003	3.0000e-005	0.0141	1.0000e-005	0.0141	1.5300e-003	1.0000e-005	1.5300e-003	0.0000	2.5245	2.5245	1.7000e-004	0.0000	2.5287
Worker	1.2000e-004	8.0000e-005	8.6000e-004	0.0000	8.2400e-003	0.0000	8.2400e-003	8.7000e-004	0.0000	8.8000e-004	0.0000	0.2596	0.2596	1.0000e-005	0.0000	0.2598
Total	**3.4000e-004**	**7.7000e-003**	**3.2200e-003**	**3.0000e-005**	**0.0223**	**1.0000e-005**	**0.0223**	**2.4000e-003**	**1.0000e-005**	**2.4100e-003**	**0.0000**	**2.7841**	**2.7841**	**1.8000e-004**	**0.0000**	**2.7885**

3.15 Interact Paving -10 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1121**	**0.1604**	**2.5000e-004**		**5.6100e-003**	**5.6100e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**22.0296**	**22.0296**	**7.1200e-003**	**0.0000**	**22.2077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	0.0218	1.0000e-005	0.0218	2.3100e-003	1.0000e-005	2.3200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.8000e-004**	**8.4800e-003**	**3.5500e-003**	**3.0000e-005**	**0.0346**	**1.0000e-005**	**0.0346**	**3.6500e-003**	**1.0000e-005**	**3.6600e-003**	**0.0000**	**3.0625**	**3.0625**	**2.0000e-004**	**0.0000**	**3.0674**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0295**	**22.0295**	**7.1200e-003**	**0.0000**	**22.2077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	0.0155	1.0000e-005	0.0155	1.6800e-003	1.0000e-005	1.6900e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.8000e-004**	**8.4800e-003**	**3.5500e-003**	**3.0000e-005**	**0.0245**	**1.0000e-005**	**0.0245**	**2.6400e-003**	**1.0000e-005**	**2.6500e-003**	**0.0000**	**3.0625**	**3.0625**	**2.0000e-004**	**0.0000**	**3.0674**

3.16 Interact Paving -11 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1121**	**0.1604**	**2.5000e-004**		**5.6100e-003**	**5.6100e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**22.0296**	**22.0296**	**7.1200e-003**	**0.0000**	**22.2077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	0.0218	1.0000e-005	0.0218	2.3100e-003	1.0000e-005	2.3200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.8000e-004**	**8.4800e-003**	**3.5500e-003**	**3.0000e-005**	**0.0346**	**1.0000e-005**	**0.0346**	**3.6500e-003**	**1.0000e-005**	**3.6600e-003**	**0.0000**	**3.0625**	**3.0625**	**2.0000e-004**	**0.0000**	**3.0674**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0295**	**22.0295**	**7.1200e-003**	**0.0000**	**22.2077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	0.0155	1.0000e-005	0.0155	1.6800e-003	1.0000e-005	1.6900e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.8000e-004**	**8.4800e-003**	**3.5500e-003**	**3.0000e-005**	**0.0245**	**1.0000e-005**	**0.0245**	**2.6400e-003**	**1.0000e-005**	**2.6500e-003**	**0.0000**	**3.0625**	**3.0625**	**2.0000e-004**	**0.0000**	**3.0674**

CalEEMod Version: CalEEMod.2016.3.1

Date: 9/28/2017 1:21 PM

Central Village Residential General Construction - LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

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

OFFROAD Equipment Mitigation

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

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

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

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

Fugitive Dust Mitigation

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

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

Operational Percent Reduction Summary

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

Operational Mobile Mitigation

Project Setting:

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

Area Mitigation

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

Energy Mitigation Measures

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

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

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

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

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

CalEEMod Input Matrix
Project Characteristics

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

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Matrix
Construction Phase

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

CalEEMod Input Matrix
Construction Phase

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

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

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

CalEEMod Input Matrix
Construction Phase

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

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

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

CalEEMod Input Matrix
Construction Mobile

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

Table 13: Vehicle Emissions
default

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

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

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

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

CalEEMod Input Matrix
Construction Mitigation

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

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

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 9:35 AM

Central Village Residential P1-P6

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	1,129,450.00	3

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

Construction Phase - Refer to CalEEMod Input Matrix Table 5

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

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

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

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

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

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

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

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

tblGrading	AcresOfGrading	11.50	11.00
tblGrading	AcresOfGrading	11.00	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,129,450.00
tblLandUse	LandUseSquareFeet	0.00	1,129,450.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	LoadFactor	0.37	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)

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

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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	12.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	12.00
tblTripsAndVMT	WorkerTripNumber	13.00	37.00
tblTripsAndVMT	WorkerTripNumber	1.00	42.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
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tblTripsAndVMT	WorkerTripNumber	1.00	42.00
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tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	40.00
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tblTripsAndVMT	WorkerTripNumber	13.00	42.00
tblTripsAndVMT	WorkerTripNumber	1.00	37.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.2380	0.6990	0.6169	1.3300e-003	0.9474	0.0319	0.9794	0.0992	0.0303	0.1295	0.0000	118.7661	118.7661	0.0198	0.0000	119.2614
2021	3.8719	1.4300	1.4670	3.1700e-003	2.5172	0.0612	2.5784	0.2634	0.0582	0.3216	0.0000	283.2474	283.2474	0.0450	0.0000	284.3734
2022	2.5993	0.7273	0.7695	1.8500e-003	1.4694	0.0280	1.4974	0.1536	0.0267	0.1802	0.0000	165.2349	165.2349	0.0284	0.0000	165.9460
Maximum	**3.8719**	**1.4300**	**1.4670**	**3.1700e-003**	**2.5172**	**0.0612**	**2.5784**	**0.2634**	**0.0582**	**0.3216**	**0.0000**	**283.2474**	**283.2474**	**0.0450**	**0.0000**	**284.3734**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	1.1947	0.4414	0.6703	1.3300e-003	0.6675	3.4300e-003	0.6709	0.0712	3.4000e-003	0.0746	0.0000	118.7660	118.7660	0.0198	0.0000	119.2614
2021	3.7890	1.0293	1.5773	3.1700e-003	1.7781	6.8500e-003	1.7850	0.1895	6.7900e-003	0.1963	0.0000	283.2472	283.2472	0.0450	0.0000	284.3732
2022	2.5590	0.5707	0.9093	1.8500e-003	1.0390	3.2500e-003	1.0422	0.1106	3.2300e-003	0.1138	0.0000	165.2348	165.2348	0.0284	0.0000	165.9458
Maximum	**3.7890**	**1.0293**	**1.5773**	**3.1700e-003**	**1.7781**	**6.8500e-003**	**1.7850**	**0.1895**	**6.7900e-003**	**0.1963**	**0.0000**	**283.2472**	**283.2472**	**0.0450**	**0.0000**	**284.3732**

	ROG	NOx	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	2.16	28.53	-10.64	0.00	29.38	88.82	30.80	28.06	88.35	39.06	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	8-1-2020	10-31-2020	0.3279	0.1977
2	11-1-2020	1-31-2021	1.6555	1.4752
3	2-1-2021	4-30-2021	1.5822	1.4350
4	5-1-2021	7-31-2021	0.8850	0.8398
5	8-1-2021	10-31-2021	1.0653	0.9324
6	11-1-2021	1-31-2022	1.6764	1.5298
7	2-1-2022	4-30-2022	1.6617	1.5456
8	5-1-2022	7-31-2022	0.9241	0.8606
9	8-1-2022	9-30-2022	0.6892	0.6745
		Highest	1.6764	1.5456

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	2.5000e-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	**2.5000e-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	2.5000e-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	**2.5000e-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	P1 Site Preparation (mo. 1)	Site Preparation	8/1/2020	8/31/2020	5	21	
2	P1 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2020	11/30/2020	5	65	
3	P1 Architectural Coating	Architectural Coating	11/1/2020	12/31/2020	5	44	
4	P2 Site Preparation (mo. 1)	Site Preparation	12/1/2020	12/31/2020	5	23	
5	P1 Building Construction 2 (mo. 5)	Building Construction	12/1/2020	12/31/2020	5	23	
6	P2 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2021	3/31/2021	5	64	
7	P2 Architectural Coating	Architectural Coating	3/1/2021	4/30/2021	5	45	
8	P3 Site Preparation (mo. 1)	Site Preparation	4/1/2021	4/30/2021	5	22	
9	P2 Building Construction 2 (mo. 5)	Building Construction	4/1/2021	4/30/2021	5	22	
10	P3 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2021	7/31/2021	5	65	
11	P3 Architectural Coating	Architectural Coating	7/1/2021	8/31/2021	5	44	
12	P4 Site Preparation (mo. 1)	Site Preparation	8/1/2021	8/31/2021	5	22	
13	P3 Building Construction 2 (mo. 5)	Building Construction	8/1/2021	8/31/2021	5	22	
14	P4 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2021	11/30/2021	5	65	
15	P4 Architectural Coating	Architectural Coating	11/1/2021	12/31/2021	5	45	
16	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2021	12/31/2021	5	23	
17	P4 Building Construction 2 (mo. 5)	Building Construction	12/1/2021	12/31/2021	5	23	
18	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2022	3/31/2022	5	64	
19	P5 Architectural Coating	Architectural Coating	3/1/2022	4/30/2022	5	44	
20	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2022	4/30/2022	5	21	
21	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2022	4/30/2022	5	21	
22	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2022	7/31/2022	5	65	
23	P6 Architectural Coating	Architectural Coating	7/1/2022	8/31/2022	5	44	
24	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2022	8/31/2022	5	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

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

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

P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P6 Architectural Coating	Air Compressors	2	8.00	78	0.48

Trips and VMT

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

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P1 Site Preparation (mo. 1) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0153	0.1584	0.1041	2.0000e-004		7.9200e-003	7.9200e-003		7.4700e-003	7.4700e-003	0.0000	17.5578	17.5578	4.0100e-003	0.0000	17.6580
Total	**0.0153**	**0.1584**	**0.1041**	**2.0000e-004**	**5.8300e-003**	**7.9200e-003**	**0.0138**	**6.3000e-004**	**7.4700e-003**	**8.1000e-003**	**0.0000**	**17.5578**	**17.5578**	**4.0100e-003**	**0.0000**	**17.6580**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8000e-004	0.0144	3.8200e-003	3.0000e-005	0.0249	7.0000e-005	0.0250	2.6400e-003	7.0000e-005	2.7100e-003	0.0000	3.3247	3.3247	2.5000e-004	0.0000	3.3310
Worker	1.4300e-003	1.0600e-003	0.0104	3.0000e-005	0.1130	2.0000e-005	0.1131	0.0118	2.0000e-005	0.0118	0.0000	2.8161	2.8161	8.0000e-005	0.0000	2.8183
Total	**1.9100e-003**	**0.0154**	**0.0142**	**6.0000e-005**	**0.1380**	**9.0000e-005**	**0.1381**	**0.0144**	**9.0000e-005**	**0.0145**	**0.0000**	**6.1408**	**6.1408**	**3.3000e-004**	**0.0000**	**6.1493**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	17.5578	17.5578	4.0100e-003	0.0000	17.6580
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**	**17.5578**	**17.5578**	**4.0100e-003**	**0.0000**	**17.6580**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8000e-004	0.0144	3.8200e-003	3.0000e-005	0.0177	7.0000e-005	0.0178	1.9200e-003	7.0000e-005	1.9900e-003	0.0000	3.3247	3.3247	2.5000e-004	0.0000	3.3310
Worker	1.4300e-003	1.0600e-003	0.0104	3.0000e-005	0.0800	2.0000e-005	0.0801	8.5000e-003	2.0000e-005	8.5200e-003	0.0000	2.8161	2.8161	8.0000e-005	0.0000	2.8183
Total	**1.9100e-003**	**0.0154**	**0.0142**	**6.0000e-005**	**0.0977**	**9.0000e-005**	**0.0978**	**0.0104**	**9.0000e-005**	**0.0105**	**0.0000**	**6.1408**	**6.1408**	**3.3000e-004**	**0.0000**	**6.1493**

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

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0112	0.1246	0.1487	2.1000e-004		6.6800e-003	6.6800e-003		6.1400e-003	6.1400e-003	0.0000	18.7058	18.7058	6.0500e-003	0.0000	18.8570
Total	**0.0112**	**0.1246**	**0.1487**	**2.1000e-004**		**6.6800e-003**	**6.6800e-003**		**6.1400e-003**	**6.1400e-003**	**0.0000**	**18.7058**	**18.7058**	**6.0500e-003**	**0.0000**	**18.8570**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4900e-003	0.0445	0.0118	1.1000e-004	0.0772	2.2000e-004	0.0774	8.1800e-003	2.1000e-004	8.3900e-003	0.0000	10.2906	10.2906	7.9000e-004	0.0000	10.3103
Worker	4.4300e-003	3.2800e-003	0.0322	1.0000e-004	0.3498	7.0000e-005	0.3499	0.0365	6.0000e-005	0.0366	0.0000	8.7166	8.7166	2.6000e-004	0.0000	8.7232
Total	**5.9200e-003**	**0.0477**	**0.0440**	**2.1000e-004**	**0.4270**	**2.9000e-004**	**0.4273**	**0.0447**	**2.7000e-004**	**0.0449**	**0.0000**	**19.0072**	**19.0072**	**1.0500e-003**	**0.0000**	**19.0335**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	18.7058	18.7058	6.0500e-003	0.0000	18.8570
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**	**18.7058**	**18.7058**	**6.0500e-003**	**0.0000**	**18.8570**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4900e-003	0.0445	0.0118	1.1000e-004	0.0548	2.2000e-004	0.0550	5.9500e-003	2.1000e-004	6.1600e-003	0.0000	10.2906	10.2906	7.9000e-004	0.0000	10.3103
Worker	4.4300e-003	3.2800e-003	0.0322	1.0000e-004	0.2477	7.0000e-005	0.2478	0.0263	6.0000e-005	0.0264	0.0000	8.7166	8.7166	2.6000e-004	0.0000	8.7232
Total	**5.9200e-003**	**0.0477**	**0.0440**	**2.1000e-004**	**0.3025**	**2.9000e-004**	**0.3028**	**0.0323**	**2.7000e-004**	**0.0325**	**0.0000**	**19.0072**	**19.0072**	**1.0500e-003**	**0.0000**	**19.0335**

3.4 P1 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1644					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0142	0.0988	0.1074	1.7000e-004		6.5100e-003	6.5100e-003		6.5100e-003	6.5100e-003	0.0000	14.9791	14.9791	1.1600e-003	0.0000	15.0081
Total	**1.1787**	**0.0988**	**0.1074**	**1.7000e-004**		**6.5100e-003**	**6.5100e-003**		**6.5100e-003**	**6.5100e-003**	**0.0000**	**14.9791**	**14.9791**	**1.1600e-003**	**0.0000**	**15.0081**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-004	0.0100	2.6700e-003	2.0000e-005	0.0174	5.0000e-005	0.0175	1.8500e-003	5.0000e-005	1.8900e-003	0.0000	2.3220	2.3220	1.8000e-004	0.0000	2.3264
Worker	6.5000e-004	4.8000e-004	4.7100e-003	1.0000e-005	0.0512	1.0000e-005	0.0512	5.3400e-003	1.0000e-005	5.3500e-003	0.0000	1.2758	1.2758	4.0000e-005	0.0000	1.2767
Total	**9.9000e-004**	**0.0105**	**7.3800e-003**	**3.0000e-005**	**0.0686**	**6.0000e-005**	**0.0687**	**7.1900e-003**	**6.0000e-005**	**7.2400e-003**	**0.0000**	**3.5978**	**3.5978**	**2.2000e-004**	**0.0000**	**3.6032**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1644					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	1.1600e-003	0.0000	15.0081
Total	**1.1676**	**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**	**1.1600e-003**	**0.0000**	**15.0081**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-004	0.0100	2.6700e-003	2.0000e-005	0.0124	5.0000e-005	0.0124	1.3400e-003	5.0000e-005	1.3900e-003	0.0000	2.3220	2.3220	1.8000e-004	0.0000	2.3264
Worker	6.5000e-004	4.8000e-004	4.7100e-003	1.0000e-005	0.0363	1.0000e-005	0.0363	3.8500e-003	1.0000e-005	3.8600e-003	0.0000	1.2758	1.2758	4.0000e-005	0.0000	1.2767
Total	**9.9000e-004**	**0.0105**	**7.3800e-003**	**3.0000e-005**	**0.0486**	**6.0000e-005**	**0.0487**	**5.1900e-003**	**6.0000e-005**	**5.2500e-003**	**0.0000**	**3.5978**	**3.5978**	**2.2000e-004**	**0.0000**	**3.6032**

3.5 P2 Site Preparation (mo. 1) - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0168	0.1734	0.1140	2.2000e-004		8.6700e-003	8.6700e-003		8.1800e-003	8.1800e-003	0.0000	19.2299	19.2299	4.3900e-003	0.0000	19.3397
Total	**0.0168**	**0.1734**	**0.1140**	**2.2000e-004**	**5.8300e-003**	**8.6700e-003**	**0.0145**	**6.3000e-004**	**8.1800e-003**	**8.8100e-003**	**0.0000**	**19.2299**	**19.2299**	**4.3900e-003**	**0.0000**	**19.3397**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.3000e-004	0.0157	4.1800e-003	4.0000e-005	0.0273	8.0000e-005	0.0274	2.9000e-003	7.0000e-005	2.9700e-003	0.0000	3.6413	3.6413	2.8000e-004	0.0000	3.6483
Worker	1.5700e-003	1.1600e-003	0.0114	3.0000e-005	0.1238	2.0000e-005	0.1238	0.0129	2.0000e-005	0.0129	0.0000	3.0844	3.0844	9.0000e-005	0.0000	3.0867
Total	**2.1000e-003**	**0.0169**	**0.0156**	**7.0000e-005**	**0.1511**	**1.0000e-004**	**0.1512**	**0.0158**	**9.0000e-005**	**0.0159**	**0.0000**	**6.7256**	**6.7256**	**3.7000e-004**	**0.0000**	**6.7349**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.0900e-003	0.0773	0.1344	2.2000e-004		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	19.2299	19.2299	4.3900e-003	0.0000	19.3397
Total	**4.0900e-003**	**0.0773**	**0.1344**	**2.2000e-004**	**2.2700e-003**	**8.3000e-004**	**3.1000e-003**	**2.5000e-004**	**8.3000e-004**	**1.0800e-003**	**0.0000**	**19.2299**	**19.2299**	**4.3900e-003**	**0.0000**	**19.3397**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.3000e-004	0.0157	4.1800e-003	4.0000e-005	0.0194	8.0000e-005	0.0195	2.1100e-003	7.0000e-005	2.1800e-003	0.0000	3.6413	3.6413	2.8000e-004	0.0000	3.6483
Worker	1.5700e-003	1.1600e-003	0.0114	3.0000e-005	0.0877	2.0000e-005	0.0877	9.3000e-003	2.0000e-005	9.3300e-003	0.0000	3.0844	3.0844	9.0000e-005	0.0000	3.0867
Total	**2.1000e-003**	**0.0169**	**0.0156**	**7.0000e-005**	**0.1070**	**1.0000e-004**	**0.1071**	**0.0114**	**9.0000e-005**	**0.0115**	**0.0000**	**6.7256**	**6.7256**	**3.7000e-004**	**0.0000**	**6.7349**

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

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1300e-003	0.0364	0.0460	7.0000e-005		1.5300e-003	1.5300e-003		1.4200e-003	1.4200e-003	0.0000	6.0965	6.0965	1.8600e-003	0.0000	6.1429
Total	**3.1300e-003**	**0.0364**	**0.0460**	**7.0000e-005**		**1.5300e-003**	**1.5300e-003**		**1.4200e-003**	**1.4200e-003**	**0.0000**	**6.0965**	**6.0965**	**1.8600e-003**	**0.0000**	**6.1429**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.3000e-004	0.0157	4.1800e-003	4.0000e-005	0.0273	8.0000e-005	0.0274	2.9000e-003	7.0000e-005	2.9700e-003	0.0000	3.6413	3.6413	2.8000e-004	0.0000	3.6483
Worker	1.5700e-003	1.1600e-003	0.0114	3.0000e-005	0.1238	2.0000e-005	0.1238	0.0129	2.0000e-005	0.0129	0.0000	3.0844	3.0844	9.0000e-005	0.0000	3.0867
Total	**2.1000e-003**	**0.0169**	**0.0156**	**7.0000e-005**	**0.1511**	**1.0000e-004**	**0.1512**	**0.0158**	**9.0000e-005**	**0.0159**	**0.0000**	**6.7256**	**6.7256**	**3.7000e-004**	**0.0000**	**6.7349**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4800e-003	0.0307	0.0481	7.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	6.0965	6.0965	1.8600e-003	0.0000	6.1429
Total	**1.4800e-003**	**0.0307**	**0.0481**	**7.0000e-005**		**6.1000e-004**	**6.1000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**6.0965**	**6.0965**	**1.8600e-003**	**0.0000**	**6.1429**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.3000e-004	0.0157	4.1800e-003	4.0000e-005	0.0194	8.0000e-005	0.0195	2.1100e-003	7.0000e-005	2.1800e-003	0.0000	3.6413	3.6413	2.8000e-004	0.0000	3.6483
Worker	1.5700e-003	1.1600e-003	0.0114	3.0000e-005	0.0877	2.0000e-005	0.0877	9.3000e-003	2.0000e-005	9.3300e-003	0.0000	3.0844	3.0844	9.0000e-005	0.0000	3.0867
Total	**2.1000e-003**	**0.0169**	**0.0156**	**7.0000e-005**	**0.1070**	**1.0000e-004**	**0.1071**	**0.0114**	**9.0000e-005**	**0.0115**	**0.0000**	**6.7256**	**6.7256**	**3.7000e-004**	**0.0000**	**6.7349**

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

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.9400e-003	0.1123	0.1457	2.1000e-004		5.5800e-003	5.5800e-003		5.1300e-003	5.1300e-003	0.0000	18.4244	18.4244	5.9600e-003	0.0000	18.5734
Total	**9.9400e-003**	**0.1123**	**0.1457**	**2.1000e-004**		**5.5800e-003**	**5.5800e-003**		**5.1300e-003**	**5.1300e-003**	**0.0000**	**18.4244**	**18.4244**	**5.9600e-003**	**0.0000**	**18.5734**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1900e-003	0.0395	0.0105	1.0000e-004	0.0760	8.0000e-005	0.0761	8.0600e-003	8.0000e-005	8.1400e-003	0.0000	10.0393	10.0393	7.5000e-004	0.0000	10.0579
Worker	4.1200e-003	2.9400e-003	0.0296	9.0000e-005	0.3445	7.0000e-005	0.3445	0.0359	6.0000e-005	0.0360	0.0000	8.2942	8.2942	2.4000e-004	0.0000	8.3001
Total	**5.3100e-003**	**0.0424**	**0.0401**	**1.9000e-004**	**0.4204**	**1.5000e-004**	**0.4206**	**0.0440**	**1.4000e-004**	**0.0441**	**0.0000**	**18.3335**	**18.3335**	**9.9000e-004**	**0.0000**	**18.3581**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	18.4244	18.4244	5.9600e-003	0.0000	18.5733
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**	**18.4244**	**18.4244**	**5.9600e-003**	**0.0000**	**18.5733**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1900e-003	0.0395	0.0105	1.0000e-004	0.0539	8.0000e-005	0.0540	5.8600e-003	8.0000e-005	5.9400e-003	0.0000	10.0393	10.0393	7.5000e-004	0.0000	10.0579
Worker	4.1200e-003	2.9400e-003	0.0296	9.0000e-005	0.2439	7.0000e-005	0.2440	0.0259	6.0000e-005	0.0260	0.0000	8.2942	8.2942	2.4000e-004	0.0000	8.3001
Total	**5.3100e-003**	**0.0424**	**0.0401**	**1.9000e-004**	**0.2979**	**1.5000e-004**	**0.2980**	**0.0318**	**1.4000e-004**	**0.0319**	**0.0000**	**18.3335**	**18.3335**	**9.9000e-004**	**0.0000**	**18.3581**

3.8 P2 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1644					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0131	0.0916	0.1091	1.8000e-004		5.6500e-003	5.6500e-003		5.6500e-003	5.6500e-003	0.0000	15.3195	15.3195	1.0500e-003	0.0000	15.3458
Total	**1.1776**	**0.0916**	**0.1091**	**1.8000e-004**		**5.6500e-003**	**5.6500e-003**		**5.6500e-003**	**5.6500e-003**	**0.0000**	**15.3195**	**15.3195**	**1.0500e-003**	**0.0000**	**15.3458**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8000e-004	9.2500e-003	2.4700e-003	2.0000e-005	0.0178	2.0000e-005	0.0178	1.8900e-003	2.0000e-005	1.9100e-003	0.0000	2.3530	2.3530	1.7000e-004	0.0000	2.3573
Worker	6.3000e-004	4.5000e-004	4.5000e-003	1.0000e-005	0.0524	1.0000e-005	0.0524	5.4600e-003	1.0000e-005	5.4700e-003	0.0000	1.2609	1.2609	4.0000e-005	0.0000	1.2618
Total	**9.1000e-004**	**9.7000e-003**	**6.9700e-003**	**3.0000e-005**	**0.0702**	**3.0000e-005**	**0.0702**	**7.3500e-003**	**3.0000e-005**	**7.3800e-003**	**0.0000**	**3.6139**	**3.6139**	**2.1000e-004**	**0.0000**	**3.6192**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1644					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	1.0500e-003	0.0000	15.3458
Total	**1.1677**	**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**	**1.0500e-003**	**0.0000**	**15.3458**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8000e-004	9.2500e-003	2.4700e-003	2.0000e-005	0.0126	2.0000e-005	0.0127	1.3700e-003	2.0000e-005	1.3900e-003	0.0000	2.3530	2.3530	1.7000e-004	0.0000	2.3573
Worker	6.3000e-004	4.5000e-004	4.5000e-003	1.0000e-005	0.0371	1.0000e-005	0.0371	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	1.2609	1.2609	4.0000e-005	0.0000	1.2618
Total	**9.1000e-004**	**9.7000e-003**	**6.9700e-003**	**3.0000e-005**	**0.0497**	**3.0000e-005**	**0.0498**	**5.3100e-003**	**3.0000e-005**	**5.3400e-003**	**0.0000**	**3.6139**	**3.6139**	**2.1000e-004**	**0.0000**	**3.6192**

3.9 P3 Site Preparation (mo. 1) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0149	0.1542	0.1079	2.1000e-004		7.4300e-003	7.4300e-003		7.0000e-003	7.0000e-003	0.0000	18.3849	18.3849	4.1600e-003	0.0000	18.4890
Total	**0.0149**	**0.1542**	**0.1079**	**2.1000e-004**	**5.3000e-003**	**7.4300e-003**	**0.0127**	**5.7000e-004**	**7.0000e-003**	**7.5700e-003**	**0.0000**	**18.3849**	**18.3849**	**4.1600e-003**	**0.0000**	**18.4890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1000e-004	0.0136	3.6200e-003	4.0000e-005	0.0261	3.0000e-005	0.0262	2.7700e-003	3.0000e-005	2.8000e-003	0.0000	3.4510	3.4510	2.6000e-004	0.0000	3.4574
Worker	1.6100e-003	1.1500e-003	0.0115	4.0000e-005	0.1344	3.0000e-005	0.1344	0.0140	2.0000e-005	0.0140	0.0000	3.2364	3.2364	9.0000e-005	0.0000	3.2387
Total	**2.0200e-003**	**0.0147**	**0.0152**	**8.0000e-005**	**0.1605**	**6.0000e-005**	**0.1606**	**0.0168**	**5.0000e-005**	**0.0168**	**0.0000**	**6.6874**	**6.6874**	**3.5000e-004**	**0.0000**	**6.6961**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.3849	18.3849	4.1600e-003	0.0000	18.4890
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**	**18.3849**	**18.3849**	**4.1600e-003**	**0.0000**	**18.4890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1000e-004	0.0136	3.6200e-003	4.0000e-005	0.0185	3.0000e-005	0.0186	2.0100e-003	3.0000e-005	2.0400e-003	0.0000	3.4510	3.4510	2.6000e-004	0.0000	3.4574
Worker	1.6100e-003	1.1500e-003	0.0115	4.0000e-005	0.0952	3.0000e-005	0.0952	0.0101	2.0000e-005	0.0101	0.0000	3.2364	3.2364	9.0000e-005	0.0000	3.2387
Total	**2.0200e-003**	**0.0147**	**0.0152**	**8.0000e-005**	**0.1137**	**6.0000e-005**	**0.1138**	**0.0121**	**5.0000e-005**	**0.0122**	**0.0000**	**6.6874**	**6.6874**	**3.5000e-004**	**0.0000**	**6.6961**

3.10 P2 Building Construction 2 (mo. 5) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8300e-003	0.0328	0.0439	7.0000e-005		1.2900e-003	1.2900e-003		1.2000e-003	1.2000e-003	0.0000	5.8326	5.8326	1.7800e-003	0.0000	5.8770
Total	**2.8300e-003**	**0.0328**	**0.0439**	**7.0000e-005**		**1.2900e-003**	**1.2900e-003**		**1.2000e-003**	**1.2000e-003**	**0.0000**	**5.8326**	**5.8326**	**1.7800e-003**	**0.0000**	**5.8770**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1000e-004	0.0136	3.6200e-003	4.0000e-005	0.0261	3.0000e-005	0.0262	2.7700e-003	3.0000e-005	2.8000e-003	0.0000	3.4510	3.4510	2.6000e-004	0.0000	3.4574
Worker	1.4100e-003	1.0100e-003	0.0102	3.0000e-005	0.1184	2.0000e-005	0.1184	0.0124	2.0000e-005	0.0124	0.0000	2.8511	2.8511	8.0000e-005	0.0000	2.8532
Total	**1.8200e-003**	**0.0146**	**0.0138**	**7.0000e-005**	**0.1445**	**5.0000e-005**	**0.1446**	**0.0151**	**5.0000e-005**	**0.0152**	**0.0000**	**6.3021**	**6.3021**	**3.4000e-004**	**0.0000**	**6.3106**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4100e-003	0.0294	0.0460	7.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	5.8326	5.8326	1.7800e-003	0.0000	5.8770
Total	**1.4100e-003**	**0.0294**	**0.0460**	**7.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**5.8326**	**5.8326**	**1.7800e-003**	**0.0000**	**5.8770**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1000e-004	0.0136	3.6200e-003	4.0000e-005	0.0185	3.0000e-005	0.0186	2.0100e-003	3.0000e-005	2.0400e-003	0.0000	3.4510	3.4510	2.6000e-004	0.0000	3.4574
Worker	1.4100e-003	1.0100e-003	0.0102	3.0000e-005	0.0839	2.0000e-005	0.0839	8.9000e-003	2.0000e-005	8.9200e-003	0.0000	2.8511	2.8511	8.0000e-005	0.0000	2.8532
Total	**1.8200e-003**	**0.0146**	**0.0138**	**7.0000e-005**	**0.1024**	**5.0000e-005**	**0.1024**	**0.0109**	**5.0000e-005**	**0.0110**	**0.0000**	**6.3021**	**6.3021**	**3.4000e-004**	**0.0000**	**6.3106**

3.11 P3 Building Construction 1 (mo. 2-4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.1140	0.1480	2.1000e-004		5.6600e-003	5.6600e-003		5.2100e-003	5.2100e-003	0.0000	18.7123	18.7123	6.0500e-003	0.0000	18.8636
Total	**0.0101**	**0.1140**	**0.1480**	**2.1000e-004**		**5.6600e-003**	**5.6600e-003**		**5.2100e-003**	**5.2100e-003**	**0.0000**	**18.7123**	**18.7123**	**6.0500e-003**	**0.0000**	**18.8636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2100e-003	0.0401	0.0107	1.0000e-004	0.0772	8.0000e-005	0.0773	8.1800e-003	8.0000e-005	8.2700e-003	0.0000	10.1962	10.1962	7.6000e-004	0.0000	10.2151
Worker	4.7400e-003	3.3900e-003	0.0341	1.1000e-004	0.3971	8.0000e-005	0.3972	0.0414	7.0000e-005	0.0415	0.0000	9.5621	9.5621	2.7000e-004	0.0000	9.5690
Total	**5.9500e-003**	**0.0435**	**0.0448**	**2.1000e-004**	**0.4743**	**1.6000e-004**	**0.4744**	**0.0496**	**1.5000e-004**	**0.0498**	**0.0000**	**19.7583**	**19.7583**	**1.0300e-003**	**0.0000**	**19.7841**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0931	0.1610	2.1000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	18.7123	18.7123	6.0500e-003	0.0000	18.8636
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**	**18.7123**	**18.7123**	**6.0500e-003**	**0.0000**	**18.8636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2100e-003	0.0401	0.0107	1.0000e-004	0.0548	8.0000e-005	0.0549	5.9500e-003	8.0000e-005	6.0300e-003	0.0000	10.1962	10.1962	7.6000e-004	0.0000	10.2151
Worker	4.7400e-003	3.3900e-003	0.0341	1.1000e-004	0.2812	8.0000e-005	0.2813	0.0299	7.0000e-005	0.0299	0.0000	9.5621	9.5621	2.7000e-004	0.0000	9.5690
Total	**5.9500e-003**	**0.0435**	**0.0448**	**2.1000e-004**	**0.3360**	**1.6000e-004**	**0.3362**	**0.0358**	**1.5000e-004**	**0.0360**	**0.0000**	**19.7583**	**19.7583**	**1.0300e-003**	**0.0000**	**19.7841**

3.12 P3 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2988					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0128	0.0896	0.1066	1.7000e-004		5.5200e-003	5.5200e-003		5.5200e-003	5.5200e-003	0.0000	14.9791	14.9791	1.0300e-003	0.0000	15.0048
Total	**1.3116**	**0.0896**	**0.1066**	**1.7000e-004**		**5.5200e-003**	**5.5200e-003**		**5.5200e-003**	**5.5200e-003**	**0.0000**	**14.9791**	**14.9791**	**1.0300e-003**	**0.0000**	**15.0048**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0400e-003	2.4100e-003	2.0000e-005	0.0174	2.0000e-005	0.0174	1.8500e-003	2.0000e-005	1.8600e-003	0.0000	2.3007	2.3007	1.7000e-004	0.0000	2.3049
Worker	6.1000e-004	4.4000e-004	4.4000e-003	1.0000e-005	0.0512	1.0000e-005	0.0512	5.3400e-003	1.0000e-005	5.3500e-003	0.0000	1.2329	1.2329	4.0000e-005	0.0000	1.2338
Total	**8.8000e-004**	**9.4800e-003**	**6.8100e-003**	**3.0000e-005**	**0.0686**	**3.0000e-005**	**0.0686**	**7.1900e-003**	**3.0000e-005**	**7.2100e-003**	**0.0000**	**3.5336**	**3.5336**	**2.1000e-004**	**0.0000**	**3.5387**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2988					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	1.0300e-003	0.0000	15.0048
Total	**1.3020**	**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**	**1.0300e-003**	**0.0000**	**15.0048**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0400e-003	2.4100e-003	2.0000e-005	0.0124	2.0000e-005	0.0124	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	2.3007	2.3007	1.7000e-004	0.0000	2.3049
Worker	6.1000e-004	4.4000e-004	4.4000e-003	1.0000e-005	0.0363	1.0000e-005	0.0363	3.8500e-003	1.0000e-005	3.8600e-003	0.0000	1.2329	1.2329	4.0000e-005	0.0000	1.2338
Total	**8.8000e-004**	**9.4800e-003**	**6.8100e-003**	**3.0000e-005**	**0.0486**	**3.0000e-005**	**0.0487**	**5.1900e-003**	**3.0000e-005**	**5.2200e-003**	**0.0000**	**3.5336**	**3.5336**	**2.1000e-004**	**0.0000**	**3.5387**

3.13 P4 Site Preparation (mo. 1) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0149	0.1542	0.1079	2.1000e-004		7.4300e-003	7.4300e-003		7.0000e-003	7.0000e-003	0.0000	18.3849	18.3849	4.1600e-003	0.0000	18.4890
Total	**0.0149**	**0.1542**	**0.1079**	**2.1000e-004**	**5.3000e-003**	**7.4300e-003**	**0.0127**	**5.7000e-004**	**7.0000e-003**	**7.5700e-003**	**0.0000**	**18.3849**	**18.3849**	**4.1600e-003**	**0.0000**	**18.4890**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1000e-004	0.0136	3.6200e-003	4.0000e-005	0.0261	3.0000e-005	0.0262	2.7700e-003	3.0000e-005	2.8000e-003	0.0000	3.4510	3.4510	2.6000e-004	0.0000	3.4574
Worker	1.5300e-003	1.0900e-003	0.0110	3.0000e-005	0.1280	2.0000e-005	0.1280	0.0134	2.0000e-005	0.0134	0.0000	3.0823	3.0823	9.0000e-005	0.0000	3.0845
Total	**1.9400e-003**	**0.0147**	**0.0146**	**7.0000e-005**	**0.1541**	**5.0000e-005**	**0.1542**	**0.0161**	**5.0000e-005**	**0.0162**	**0.0000**	**6.5333**	**6.5333**	**3.5000e-004**	**0.0000**	**6.5419**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
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	18.3849	18.3849	4.1600e-003	0.0000	18.4890
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**	**18.3849**	**18.3849**	**4.1600e-003**	**0.0000**	**18.4890**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1000e-004	0.0136	3.6200e-003	4.0000e-005	0.0185	3.0000e-005	0.0186	2.0100e-003	3.0000e-005	2.0400e-003	0.0000	3.4510	3.4510	2.6000e-004	0.0000	3.4574
Worker	1.5300e-003	1.0900e-003	0.0110	3.0000e-005	0.0907	2.0000e-005	0.0907	9.6200e-003	2.0000e-005	9.6400e-003	0.0000	3.0823	3.0823	9.0000e-005	0.0000	3.0845
Total	**1.9400e-003**	**0.0147**	**0.0146**	**7.0000e-005**	**0.1092**	**5.0000e-005**	**0.1092**	**0.0116**	**5.0000e-005**	**0.0117**	**0.0000**	**6.5333**	**6.5333**	**3.5000e-004**	**0.0000**	**6.5419**

3.14 P3 Building Construction 2 (mo. 5) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8300e-003	0.0328	0.0439	7.0000e-005		1.2900e-003	1.2900e-003		1.2000e-003	1.2000e-003	0.0000	5.8326	5.8326	1.7800e-003	0.0000	5.8770
Total	**2.8300e-003**	**0.0328**	**0.0439**	**7.0000e-005**		**1.2900e-003**	**1.2900e-003**		**1.2000e-003**	**1.2000e-003**	**0.0000**	**5.8326**	**5.8326**	**1.7800e-003**	**0.0000**	**5.8770**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1000e-004	0.0136	3.6200e-003	4.0000e-005	0.0261	3.0000e-005	0.0262	2.7700e-003	3.0000e-005	2.8000e-003	0.0000	3.4510	3.4510	2.6000e-004	0.0000	3.4574
Worker	1.6100e-003	1.1500e-003	0.0115	4.0000e-005	0.1344	3.0000e-005	0.1344	0.0140	2.0000e-005	0.0140	0.0000	3.2364	3.2364	9.0000e-005	0.0000	3.2387
Total	**2.0200e-003**	**0.0147**	**0.0152**	**8.0000e-005**	**0.1605**	**6.0000e-005**	**0.1606**	**0.0168**	**5.0000e-005**	**0.0168**	**0.0000**	**6.6874**	**6.6874**	**3.5000e-004**	**0.0000**	**6.6961**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4100e-003	0.0294	0.0460	7.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	5.8326	5.8326	1.7800e-003	0.0000	5.8770
Total	**1.4100e-003**	**0.0294**	**0.0460**	**7.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**5.8326**	**5.8326**	**1.7800e-003**	**0.0000**	**5.8770**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1000e-004	0.0136	3.6200e-003	4.0000e-005	0.0185	3.0000e-005	0.0186	2.0100e-003	3.0000e-005	2.0400e-003	0.0000	3.4510	3.4510	2.6000e-004	0.0000	3.4574
Worker	1.6100e-003	1.1500e-003	0.0115	4.0000e-005	0.0952	3.0000e-005	0.0952	0.0101	2.0000e-005	0.0101	0.0000	3.2364	3.2364	9.0000e-005	0.0000	3.2387
Total	**2.0200e-003**	**0.0147**	**0.0152**	**8.0000e-005**	**0.1137**	**6.0000e-005**	**0.1138**	**0.0121**	**5.0000e-005**	**0.0122**	**0.0000**	**6.6874**	**6.6874**	**3.5000e-004**	**0.0000**	**6.6961**

3.15 P4 Building Construction 1 (mo. 2-4) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.1140	0.1480	2.1000e-004		5.6600e-003	5.6600e-003		5.2100e-003	5.2100e-003	0.0000	18.7123	18.7123	6.0500e-003	0.0000	18.8636
Total	**0.0101**	**0.1140**	**0.1480**	**2.1000e-004**		**5.6600e-003**	**5.6600e-003**		**5.2100e-003**	**5.2100e-003**	**0.0000**	**18.7123**	**18.7123**	**6.0500e-003**	**0.0000**	**18.8636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2100e-003	0.0401	0.0107	1.0000e-004	0.0772	8.0000e-005	0.0773	8.1800e-003	8.0000e-005	8.2700e-003	0.0000	10.1962	10.1962	7.6000e-004	0.0000	10.2151
Worker	4.5200e-003	3.2200e-003	0.0325	1.0000e-004	0.3782	7.0000e-005	0.3783	0.0394	7.0000e-005	0.0395	0.0000	9.1068	9.1068	2.6000e-004	0.0000	9.1133
Total	**5.7300e-003**	**0.0433**	**0.0432**	**2.0000e-004**	**0.4554**	**1.5000e-004**	**0.4555**	**0.0476**	**1.5000e-004**	**0.0478**	**0.0000**	**19.3030**	**19.3030**	**1.0200e-003**	**0.0000**	**19.3284**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	18.7123	18.7123	6.0500e-003	0.0000	18.8636
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**	**18.7123**	**18.7123**	**6.0500e-003**	**0.0000**	**18.8636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2100e-003	0.0401	0.0107	1.0000e-004	0.0548	8.0000e-005	0.0549	5.9500e-003	8.0000e-005	6.0300e-003	0.0000	10.1962	10.1962	7.6000e-004	0.0000	10.2151
Worker	4.5200e-003	3.2200e-003	0.0325	1.0000e-004	0.2678	7.0000e-005	0.2679	0.0284	7.0000e-005	0.0285	0.0000	9.1068	9.1068	2.6000e-004	0.0000	9.1133
Total	**5.7300e-003**	**0.0433**	**0.0432**	**2.0000e-004**	**0.3226**	**1.5000e-004**	**0.3228**	**0.0344**	**1.5000e-004**	**0.0345**	**0.0000**	**19.3030**	**19.3030**	**1.0200e-003**	**0.0000**	**19.3284**

3.16 P4 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2540					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0131	0.0916	0.1091	1.8000e-004		5.6500e-003	5.6500e-003		5.6500e-003	5.6500e-003	0.0000	15.3195	15.3195	1.0500e-003	0.0000	15.3458
Total	**1.2672**	**0.0916**	**0.1091**	**1.8000e-004**		**5.6500e-003**	**5.6500e-003**		**5.6500e-003**	**5.6500e-003**	**0.0000**	**15.3195**	**15.3195**	**1.0500e-003**	**0.0000**	**15.3458**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8000e-004	9.2500e-003	2.4700e-003	2.0000e-005	0.0178	2.0000e-005	0.0178	1.8900e-003	2.0000e-005	1.9100e-003	0.0000	2.3530	2.3530	1.7000e-004	0.0000	2.3573
Worker	6.3000e-004	4.5000e-004	4.5000e-003	1.0000e-005	0.0524	1.0000e-005	0.0524	5.4600e-003	1.0000e-005	5.4700e-003	0.0000	1.2609	1.2609	4.0000e-005	0.0000	1.2618
Total	**9.1000e-004**	**9.7000e-003**	**6.9700e-003**	**3.0000e-005**	**0.0702**	**3.0000e-005**	**0.0702**	**7.3500e-003**	**3.0000e-005**	**7.3800e-003**	**0.0000**	**3.6139**	**3.6139**	**2.1000e-004**	**0.0000**	**3.6192**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2540					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	1.0500e-003	0.0000	15.3458
Total	**1.2573**	**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**	**1.0500e-003**	**0.0000**	**15.3458**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8000e-004	9.2500e-003	2.4700e-003	2.0000e-005	0.0126	2.0000e-005	0.0127	1.3700e-003	2.0000e-005	1.3900e-003	0.0000	2.3530	2.3530	1.7000e-004	0.0000	2.3573
Worker	6.3000e-004	4.5000e-004	4.5000e-003	1.0000e-005	0.0371	1.0000e-005	0.0371	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	1.2609	1.2609	4.0000e-005	0.0000	1.2618
Total	**9.1000e-004**	**9.7000e-003**	**6.9700e-003**	**3.0000e-005**	**0.0497**	**3.0000e-005**	**0.0498**	**5.3100e-003**	**3.0000e-005**	**5.3400e-003**	**0.0000**	**3.6139**	**3.6139**	**2.1000e-004**	**0.0000**	**3.6192**

3.17 P5 Site Preparation (mo. 1) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0155	0.1612	0.1128	2.2000e-004		7.7700e-003	7.7700e-003		7.3200e-003	7.3200e-003	0.0000	19.2206	19.2206	4.3500e-003	0.0000	19.3294
Total	**0.0155**	**0.1612**	**0.1128**	**2.2000e-004**	**5.5700e-003**	**7.7700e-003**	**0.0133**	**6.0000e-004**	**7.3200e-003**	**7.9200e-003**	**0.0000**	**19.2206**	**19.2206**	**4.3500e-003**	**0.0000**	**19.3294**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3000e-004	0.0142	3.7800e-003	4.0000e-005	0.0273	3.0000e-005	0.0273	2.9000e-003	3.0000e-005	2.9200e-003	0.0000	3.6079	3.6079	2.7000e-004	0.0000	3.6146
Worker	1.6000e-003	1.1400e-003	0.0115	4.0000e-005	0.1338	3.0000e-005	0.1339	0.0140	2.0000e-005	0.0140	0.0000	3.2224	3.2224	9.0000e-005	0.0000	3.2247
Total	**2.0300e-003**	**0.0153**	**0.0153**	**8.0000e-005**	**0.1611**	**6.0000e-005**	**0.1612**	**0.0169**	**5.0000e-005**	**0.0169**	**0.0000**	**6.8303**	**6.8303**	**3.6000e-004**	**0.0000**	**6.8393**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.0900e-003	0.0773	0.1344	2.2000e-004		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	19.2206	19.2206	4.3500e-003	0.0000	19.3294
Total	**4.0900e-003**	**0.0773**	**0.1344**	**2.2000e-004**	**2.1700e-003**	**8.3000e-004**	**3.0000e-003**	**2.3000e-004**	**8.3000e-004**	**1.0600e-003**	**0.0000**	**19.2206**	**19.2206**	**4.3500e-003**	**0.0000**	**19.3294**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3000e-004	0.0142	3.7800e-003	4.0000e-005	0.0194	3.0000e-005	0.0194	2.1100e-003	3.0000e-005	2.1300e-003	0.0000	3.6079	3.6079	2.7000e-004	0.0000	3.6146
Worker	1.6000e-003	1.1400e-003	0.0115	4.0000e-005	0.0948	3.0000e-005	0.0948	0.0101	2.0000e-005	0.0101	0.0000	3.2224	3.2224	9.0000e-005	0.0000	3.2247
Total	**2.0300e-003**	**0.0153**	**0.0153**	**8.0000e-005**	**0.1142**	**6.0000e-005**	**0.1142**	**0.0122**	**5.0000e-005**	**0.0122**	**0.0000**	**6.8303**	**6.8303**	**3.6000e-004**	**0.0000**	**6.8393**

3.18 P4 Building Construction 2 (mo. 5) - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.9600e-003	0.0343	0.0459	7.0000e-005		1.3500e-003	1.3500e-003		1.2600e-003	1.2600e-003	0.0000	6.0977	6.0977	1.8600e-003	0.0000	6.1441
Total	**2.9600e-003**	**0.0343**	**0.0459**	**7.0000e-005**		**1.3500e-003**	**1.3500e-003**		**1.2600e-003**	**1.2600e-003**	**0.0000**	**6.0977**	**6.0977**	**1.8600e-003**	**0.0000**	**6.1441**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3000e-004	0.0142	3.7800e-003	4.0000e-005	0.0273	3.0000e-005	0.0273	2.9000e-003	3.0000e-005	2.9200e-003	0.0000	3.6079	3.6079	2.7000e-004	0.0000	3.6146
Worker	1.6000e-003	1.1400e-003	0.0115	4.0000e-005	0.1338	3.0000e-005	0.1339	0.0140	2.0000e-005	0.0140	0.0000	3.2224	3.2224	9.0000e-005	0.0000	3.2247
Total	**2.0300e-003**	**0.0153**	**0.0153**	**8.0000e-005**	**0.1611**	**6.0000e-005**	**0.1612**	**0.0169**	**5.0000e-005**	**0.0169**	**0.0000**	**6.8303**	**6.8303**	**3.6000e-004**	**0.0000**	**6.8393**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4800e-003	0.0307	0.0481	7.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	6.0977	6.0977	1.8600e-003	0.0000	6.1441
Total	**1.4800e-003**	**0.0307**	**0.0481**	**7.0000e-005**		**6.1000e-004**	**6.1000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**6.0977**	**6.0977**	**1.8600e-003**	**0.0000**	**6.1441**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3000e-004	0.0142	3.7800e-003	4.0000e-005	0.0194	3.0000e-005	0.0194	2.1100e-003	3.0000e-005	2.1300e-003	0.0000	3.6079	3.6079	2.7000e-004	0.0000	3.6146
Worker	1.6000e-003	1.1400e-003	0.0115	4.0000e-005	0.0948	3.0000e-005	0.0948	0.0101	2.0000e-005	0.0101	0.0000	3.2224	3.2224	9.0000e-005	0.0000	3.2247
Total	**2.0300e-003**	**0.0153**	**0.0153**	**8.0000e-005**	**0.1142**	**6.0000e-005**	**0.1142**	**0.0122**	**5.0000e-005**	**0.0122**	**0.0000**	**6.8303**	**6.8303**	**3.6000e-004**	**0.0000**	**6.8393**

3.19 P5 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.8500e-003	0.1010	0.1448	2.1000e-004		4.5400e-003	4.5400e-003		4.1700e-003	4.1700e-003	0.0000	18.4338	18.4338	5.9600e-003	0.0000	18.5829
Total	**8.8500e-003**	**0.1010**	**0.1448**	**2.1000e-004**		**4.5400e-003**	**4.5400e-003**		**4.1700e-003**	**4.1700e-003**	**0.0000**	**18.4338**	**18.4338**	**5.9600e-003**	**0.0000**	**18.5829**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-003	0.0373	9.9600e-003	1.0000e-004	0.0760	7.0000e-005	0.0761	8.0600e-003	7.0000e-005	8.1300e-003	0.0000	9.9442	9.9442	7.2000e-004	0.0000	9.9623
Worker	4.2100e-003	2.8900e-003	0.0297	1.0000e-004	0.3724	7.0000e-005	0.3725	0.0388	7.0000e-005	0.0389	0.0000	8.6380	8.6380	2.4000e-004	0.0000	8.6439
Total	**5.3100e-003**	**0.0402**	**0.0397**	**2.0000e-004**	**0.4484**	**1.4000e-004**	**0.4485**	**0.0469**	**1.4000e-004**	**0.0470**	**0.0000**	**18.5822**	**18.5822**	**9.6000e-004**	**0.0000**	**18.6062**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	18.4338	18.4338	5.9600e-003	0.0000	18.5828
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**	**18.4338**	**18.4338**	**5.9600e-003**	**0.0000**	**18.5828**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-003	0.0373	9.9600e-003	1.0000e-004	0.0539	7.0000e-005	0.0540	5.8600e-003	7.0000e-005	5.9300e-003	0.0000	9.9442	9.9442	7.2000e-004	0.0000	9.9623
Worker	4.2100e-003	2.8900e-003	0.0297	1.0000e-004	0.2637	7.0000e-005	0.2638	0.0280	7.0000e-005	0.0281	0.0000	8.6380	8.6380	2.4000e-004	0.0000	8.6439
Total	**5.3100e-003**	**0.0402**	**0.0397**	**2.0000e-004**	**0.3176**	**1.4000e-004**	**0.3178**	**0.0339**	**1.4000e-004**	**0.0340**	**0.0000**	**18.5822**	**18.5822**	**9.6000e-004**	**0.0000**	**18.6062**

3.20 P5 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2540					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0120	0.0826	0.1064	1.7000e-004		4.7900e-003	4.7900e-003		4.7900e-003	4.7900e-003	0.0000	14.9791	14.9791	9.8000e-004	0.0000	15.0035
Total	**1.2660**	**0.0826**	**0.1064**	**1.7000e-004**		**4.7900e-003**	**4.7900e-003**		**4.7900e-003**	**4.7900e-003**	**0.0000**	**14.9791**	**14.9791**	**9.8000e-004**	**0.0000**	**15.0035**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	0.0174	2.0000e-005	0.0174	1.8500e-003	2.0000e-005	1.8600e-003	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	5.8000e-004	4.0000e-004	4.0800e-003	1.0000e-005	0.0512	1.0000e-005	0.0512	5.3400e-003	1.0000e-005	5.3500e-003	0.0000	1.1877	1.1877	3.0000e-005	0.0000	1.1885
Total	**8.3000e-004**	**8.9400e-003**	**6.3600e-003**	**3.0000e-005**	**0.0686**	**3.0000e-005**	**0.0686**	**7.1900e-003**	**3.0000e-005**	**7.2100e-003**	**0.0000**	**3.4666**	**3.4666**	**2.0000e-004**	**0.0000**	**3.4716**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2540					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	9.8000e-004	0.0000	15.0035
Total	**1.2572**	**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**	**9.8000e-004**	**0.0000**	**15.0035**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	0.0124	2.0000e-005	0.0124	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	5.8000e-004	4.0000e-004	4.0800e-003	1.0000e-005	0.0363	1.0000e-005	0.0363	3.8500e-003	1.0000e-005	3.8600e-003	0.0000	1.1877	1.1877	3.0000e-005	0.0000	1.1885
Total	**8.3000e-004**	**8.9400e-003**	**6.3600e-003**	**3.0000e-005**	**0.0486**	**3.0000e-005**	**0.0487**	**5.1900e-003**	**3.0000e-005**	**5.2200e-003**	**0.0000**	**3.4666**	**3.4666**	**2.0000e-004**	**0.0000**	**3.4716**

3.21 P6 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0132	0.1355	0.1024	2.0000e-004		6.4200e-003	6.4200e-003		6.0500e-003	6.0500e-003	0.0000	17.5475	17.5475	3.9500e-003	0.0000	17.6463
Total	**0.0132**	**0.1355**	**0.1024**	**2.0000e-004**	**5.8300e-003**	**6.4200e-003**	**0.0123**	**6.3000e-004**	**6.0500e-003**	**6.6800e-003**	**0.0000**	**17.5475**	**17.5475**	**3.9500e-003**	**0.0000**	**17.6463**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6000e-004	0.0122	3.2700e-003	3.0000e-005	0.0249	2.0000e-005	0.0250	2.6400e-003	2.0000e-005	2.6700e-003	0.0000	3.2630	3.2630	2.4000e-004	0.0000	3.2689
Worker	1.4200e-003	9.7000e-004	9.9900e-003	3.0000e-005	0.1252	2.0000e-005	0.1253	0.0131	2.0000e-005	0.0131	0.0000	2.9052	2.9052	8.0000e-005	0.0000	2.9072
Total	**1.7800e-003**	**0.0132**	**0.0133**	**6.0000e-005**	**0.1502**	**4.0000e-005**	**0.1502**	**0.0157**	**4.0000e-005**	**0.0158**	**0.0000**	**6.1682**	**6.1682**	**3.2000e-004**	**0.0000**	**6.1761**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	17.5475	17.5475	3.9500e-003	0.0000	17.6463
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**	**17.5475**	**17.5475**	**3.9500e-003**	**0.0000**	**17.6463**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6000e-004	0.0122	3.2700e-003	3.0000e-005	0.0177	2.0000e-005	0.0177	1.9200e-003	2.0000e-005	1.9400e-003	0.0000	3.2630	3.2630	2.4000e-004	0.0000	3.2689
Worker	1.4200e-003	9.7000e-004	9.9900e-003	3.0000e-005	0.0887	2.0000e-005	0.0887	9.4100e-003	2.0000e-005	9.4400e-003	0.0000	2.9052	2.9052	8.0000e-005	0.0000	2.9072
Total	**1.7800e-003**	**0.0132**	**0.0133**	**6.0000e-005**	**0.1064**	**4.0000e-005**	**0.1064**	**0.0113**	**4.0000e-005**	**0.0114**	**0.0000**	**6.1682**	**6.1682**	**3.2000e-004**	**0.0000**	**6.1761**

3.22 P5 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5200e-003	0.0292	0.0418	7.0000e-005		1.0500e-003	1.0500e-003		9.8000e-004	9.8000e-004	0.0000	5.5692	5.5692	1.7000e-003	0.0000	5.6116
Total	**2.5200e-003**	**0.0292**	**0.0418**	**7.0000e-005**		**1.0500e-003**	**1.0500e-003**		**9.8000e-004**	**9.8000e-004**	**0.0000**	**5.5692**	**5.5692**	**1.7000e-003**	**0.0000**	**5.6116**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6000e-004	0.0122	3.2700e-003	3.0000e-005	0.0249	2.0000e-005	0.0250	2.6400e-003	2.0000e-005	2.6700e-003	0.0000	3.2630	3.2630	2.4000e-004	0.0000	3.2689
Worker	1.3800e-003	9.5000e-004	9.7400e-003	3.0000e-005	0.1222	2.0000e-005	0.1222	0.0127	2.0000e-005	0.0128	0.0000	2.8343	2.8343	8.0000e-005	0.0000	2.8363
Total	**1.7400e-003**	**0.0132**	**0.0130**	**6.0000e-005**	**0.1471**	**4.0000e-005**	**0.1472**	**0.0154**	**4.0000e-005**	**0.0154**	**0.0000**	**6.0973**	**6.0973**	**3.2000e-004**	**0.0000**	**6.1051**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3500e-003	0.0281	0.0439	7.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	5.5692	5.5692	1.7000e-003	0.0000	5.6115
Total	**1.3500e-003**	**0.0281**	**0.0439**	**7.0000e-005**		**5.6000e-004**	**5.6000e-004**		**5.6000e-004**	**5.6000e-004**	**0.0000**	**5.5692**	**5.5692**	**1.7000e-003**	**0.0000**	**5.6115**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6000e-004	0.0122	3.2700e-003	3.0000e-005	0.0177	2.0000e-005	0.0177	1.9200e-003	2.0000e-005	1.9400e-003	0.0000	3.2630	3.2630	2.4000e-004	0.0000	3.2689
Worker	1.3800e-003	9.5000e-004	9.7400e-003	3.0000e-005	0.0865	2.0000e-005	0.0866	9.1800e-003	2.0000e-005	9.2100e-003	0.0000	2.8343	2.8343	8.0000e-005	0.0000	2.8363
Total	**1.7400e-003**	**0.0132**	**0.0130**	**6.0000e-005**	**0.1042**	**4.0000e-005**	**0.1043**	**0.0111**	**4.0000e-005**	**0.0112**	**0.0000**	**6.0973**	**6.0973**	**3.2000e-004**	**0.0000**	**6.1051**

3.23 P6 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0155	0.1712	0.1480	4.2000e-004		5.9200e-003	5.9200e-003		5.4500e-003	5.4500e-003	0.0000	36.8536	36.8536	0.0119	0.0000	37.1515
Total	**0.0155**	**0.1712**	**0.1480**	**4.2000e-004**		**5.9200e-003**	**5.9200e-003**		**5.4500e-003**	**5.4500e-003**	**0.0000**	**36.8536**	**36.8536**	**0.0119**	**0.0000**	**37.1515**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1200e-003	0.0379	0.0101	1.0000e-004	0.0772	7.0000e-005	0.0772	8.1800e-003	7.0000e-005	8.2500e-003	0.0000	10.0996	10.0996	7.3000e-004	0.0000	10.1179
Worker	4.3800e-003	3.0100e-003	0.0309	1.0000e-004	0.3877	7.0000e-005	0.3877	0.0404	7.0000e-005	0.0405	0.0000	8.9923	8.9923	2.5000e-004	0.0000	8.9984
Total	**5.5000e-003**	**0.0409**	**0.0410**	**2.0000e-004**	**0.4648**	**1.4000e-004**	**0.4650**	**0.0486**	**1.4000e-004**	**0.0488**	**0.0000**	**19.0919**	**19.0919**	**9.8000e-004**	**0.0000**	**19.1163**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5900e-003	0.1308	0.2495	4.2000e-004		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	36.8535	36.8535	0.0119	0.0000	37.1515
Total	**7.5900e-003**	**0.1308**	**0.2495**	**4.2000e-004**		**6.9000e-004**	**6.9000e-004**		**6.9000e-004**	**6.9000e-004**	**0.0000**	**36.8535**	**36.8535**	**0.0119**	**0.0000**	**37.1515**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1200e-003	0.0379	0.0101	1.0000e-004	0.0548	7.0000e-005	0.0549	5.9500e-003	7.0000e-005	6.0200e-003	0.0000	10.0996	10.0996	7.3000e-004	0.0000	10.1179
Worker	4.3800e-003	3.0100e-003	0.0309	1.0000e-004	0.2745	7.0000e-005	0.2746	0.0291	7.0000e-005	0.0292	0.0000	8.9923	8.9923	2.5000e-004	0.0000	8.9984
Total	**5.5000e-003**	**0.0409**	**0.0410**	**2.0000e-004**	**0.3293**	**1.4000e-004**	**0.3294**	**0.0351**	**1.4000e-004**	**0.0352**	**0.0000**	**19.0919**	**19.0919**	**9.8000e-004**	**0.0000**	**19.1163**

3.24 P6 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2652					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0120	0.0826	0.1064	1.7000e-004		4.7900e-003	4.7900e-003		4.7900e-003	4.7900e-003	0.0000	14.9791	14.9791	9.8000e-004	0.0000	15.0035
Total	**1.2772**	**0.0826**	**0.1064**	**1.7000e-004**		**4.7900e-003**	**4.7900e-003**		**4.7900e-003**	**4.7900e-003**	**0.0000**	**14.9791**	**14.9791**	**9.8000e-004**	**0.0000**	**15.0035**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	0.0174	2.0000e-005	0.0174	1.8500e-003	2.0000e-005	1.8600e-003	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	5.8000e-004	4.0000e-004	4.0800e-003	1.0000e-005	0.0512	1.0000e-005	0.0512	5.3400e-003	1.0000e-005	5.3500e-003	0.0000	1.1877	1.1877	3.0000e-005	0.0000	1.1885
Total	**8.3000e-004**	**8.9400e-003**	**6.3600e-003**	**3.0000e-005**	**0.0686**	**3.0000e-005**	**0.0686**	**7.1900e-003**	**3.0000e-005**	**7.2100e-003**	**0.0000**	**3.4666**	**3.4666**	**2.0000e-004**	**0.0000**	**3.4716**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2652					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	9.8000e-004	0.0000	15.0035
Total	**1.2684**	**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**	**9.8000e-004**	**0.0000**	**15.0035**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	0.0124	2.0000e-005	0.0124	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	5.8000e-004	4.0000e-004	4.0800e-003	1.0000e-005	0.0363	1.0000e-005	0.0363	3.8500e-003	1.0000e-005	3.8600e-003	0.0000	1.1877	1.1877	3.0000e-005	0.0000	1.1885
Total	**8.3000e-004**	**8.9400e-003**	**6.3600e-003**	**3.0000e-005**	**0.0486**	**3.0000e-005**	**0.0487**	**5.1900e-003**	**3.0000e-005**	**5.2200e-003**	**0.0000**	**3.4666**	**3.4666**	**2.0000e-004**	**0.0000**	**3.4716**

3.25 P6 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0225	0.0000	0.0225	2.3300e-003	0.0000	2.3300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0933	0.0000	0.0933	9.6300e-003	0.0000	9.6300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					**0.1159**	**0.0000**	**0.1159**	**0.0120**	**0.0000**	**0.0120**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0159	0.0000	0.0159	1.6700e-003	0.0000	1.6700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0660	0.0000	0.0660	6.9000e-003	0.0000	6.9000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					**0.0819**	**0.0000**	**0.0819**	**8.5700e-003**	**0.0000**	**8.5700e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/22/2017 9:38 AM

Central Village Residential P1-P6

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
P1 Architectural Coating	0.01	0.33	-0.00	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.37	0.18	-0.06	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.32	0.11	-0.03	0.00	0.56	0.54	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.67	0.50	-0.16	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	0.01	0.28	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	0.34	0.13	-0.07	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	0.31	0.07	-0.04	0.00	0.53	0.50	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	0.67	0.50	-0.16	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	0.01	0.28	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	0.33	0.13	-0.07	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	0.29	0.07	-0.03	0.00	0.53	0.50	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	0.65	0.47	-0.17	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	0.01	0.28	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	0.34	0.13	-0.07	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	0.30	0.07	-0.04	0.00	0.52	0.50	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	0.65	0.48	-0.17	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	0.01	0.22	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	0.29	0.07	-0.07	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.27	0.03	-0.04	0.00	0.45	0.41	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preparation (mo. 1)	0.65	0.48	-0.17	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	0.01	0.22	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	0.38	0.19	-0.54	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	0.63	0.44	-0.18	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	12	12	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	11	11	No Change	0.00
Graders	Diesel	Tier 4 Interim	6	6	No Change	0.00
Pumps	Diesel	Tier 4 Interim	6	6	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	11	11	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	11	11	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	6	6	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	6	6	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	7.73200E-002	5.36840E-001	6.44970E-001	1.05000E-003	3.29100E-002	3.29100E-002	0.00000E+000	9.05554E+001	9.05554E+001	6.24000E-003	0.00000E+000	9.07114E+001
Cement and Mortar Mixers	7.14000E-003	4.47300E-002	3.74700E-002	9.00000E-005	1.74000E-003	1.74000E-003	0.00000E+000	5.56806E+000	5.56806E+000	5.80000E-004	0.00000E+000	5.58251E+000
Graders	3.00000E-002	3.92840E-001	1.17200E-001	4.40000E-004	1.24900E-002	1.14900E-002	0.00000E+000	3.84371E+001	3.84371E+001	1.24300E-002	0.00000E+000	3.87479E+001
Pumps	2.57500E-002	2.16350E-001	2.47270E-001	4.30000E-004	1.21400E-002	1.21400E-002	0.00000E+000	3.73037E+001	3.73037E+001	2.08000E-003	0.00000E+000	3.73557E+001
Rough Terrain Forklifts	3.03400E-002	3.97540E-001	5.72080E-001	8.60000E-004	1.52100E-002	1.39900E-002	0.00000E+000	7.55417E+001	7.55417E+001	2.44300E-002	0.00000E+000	7.61525E+001
Skid Steer Loaders	9.20000E-003	1.22330E-001	1.68820E-001	2.50000E-004	5.00000E-003	4.60000E-003	0.00000E+000	2.20692E+001	2.20692E+001	7.14000E-003	0.00000E+000	2.22477E+001
Tractors/Loaders/Backhoes	4.20900E-002	4.28970E-001	4.38580E-001	8.10000E-004	2.23000E-002	2.05100E-002	0.00000E+000	7.11042E+001	7.11042E+001	2.30000E-002	0.00000E+000	7.16791E+001
Trenchers	2.58700E-002	2.36670E-001	1.72600E-001	2.20000E-004	1.73100E-002	1.59300E-002	0.00000E+000	1.95723E+001	1.95723E+001	6.33000E-003	0.00000E+000	1.97305E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	1.93200E-002	3.75880E-001	6.49890E-001	1.05000E-003	1.41000E-003	1.41000E-003	0.00000E+000	9.05553E+001	9.05553E+001	6.24000E-003	0.00000E+000	9.07113E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	9.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	5.56805E+000	5.56805E+000	5.80000E-004	0.00000E+000	5.58250E+000
Graders	7.14000E-003	1.15130E-001	2.32040E-001	4.40000E-004	7.10000E-004	7.10000E-004	0.00000E+000	3.84371E+001	3.84371E+001	1.24300E-002	0.00000E+000	3.87478E+001
Pumps	7.96000E-003	1.54840E-001	2.67720E-001	4.30000E-004	5.80000E-004	5.80000E-004	0.00000E+000	3.73037E+001	3.73037E+001	2.08000E-003	0.00000E+000	3.73557E+001
Rough Terrain Forklifts	1.93600E-002	3.76680E-001	6.51260E-001	8.60000E-004	1.41000E-003	1.41000E-003	0.00000E+000	7.55416E+001	7.55416E+001	2.44300E-002	0.00000E+000	7.61524E+001
Skid Steer Loaders	6.18000E-003	1.41210E-001	1.90690E-001	2.50000E-004	5.77000E-003	5.77000E-003	0.00000E+000	2.20692E+001	2.20692E+001	7.14000E-003	0.00000E+000	2.22476E+001
Tractors/Loaders/Backhoes	1.63100E-002	3.00470E-001	5.42920E-001	8.10000E-004	1.32000E-003	1.32000E-003	0.00000E+000	7.11041E+001	7.11041E+001	2.30000E-002	0.00000E+000	7.16791E+001
Trenchers	4.99000E-003	9.71500E-002	1.67970E-001	2.20000E-004	3.60000E-004	3.60000E-004	0.00000E+000	1.95723E+001	1.95723E+001	6.33000E-003	0.00000E+000	1.97305E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	7.50129E-001	2.99829E-001	-7.62826E-003	0.00000E+000	9.57156E-001	9.57156E-001	0.00000E+000	1.21473E-006	1.21473E-006	0.00000E+000	0.00000E+000	1.21264E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.79596E-006	1.79596E-006	0.00000E+000	0.00000E+000	1.79131E-006
Graders	7.62000E-001	7.06929E-001	-9.79863E-001	0.00000E+000	9.43155E-001	9.38207E-001	0.00000E+000	1.30083E-006	1.30083E-006	0.00000E+000	0.00000E+000	1.29039E-006
Pumps	6.90874E-001	2.84308E-001	-8.27031E-002	0.00000E+000	9.52224E-001	9.52224E-001	0.00000E+000	1.34035E-006	1.34035E-006	0.00000E+000	0.00000E+000	1.33848E-006
Rough Terrain Forklifts	3.61898E-001	5.24727E-002	-1.38407E-001	0.00000E+000	9.07298E-001	8.99214E-001	0.00000E+000	1.19140E-006	1.19140E-006	0.00000E+000	0.00000E+000	1.18184E-006
Skid Steer Loaders	3.28261E-001	-1.54337E-001	-1.29546E-001	0.00000E+000	-1.54000E-001	-2.54348E-001	0.00000E+000	1.35936E-006	1.35936E-006	0.00000E+000	0.00000E+000	1.34846E-006
Tractors/Loaders/Backhoes	6.12497E-001	2.99555E-001	-2.37904E-001	0.00000E+000	9.40807E-001	9.35641E-001	0.00000E+000	1.26575E-006	1.26575E-006	0.00000E+000	0.00000E+000	1.11608E-006
Trenchers	8.07112E-001	5.89513E-001	2.68250E-002	0.00000E+000	9.79203E-001	9.77401E-001	0.00000E+000	1.02185E-006	1.02185E-006	0.00000E+000	0.00000E+000	1.52049E-006

Fugitive Dust Mitigation

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

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P1 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	Roads	0.43	0.04	0.30	0.03	0.29	0.28
P1 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P1 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P1 Site Preparation (mo. 1)	Roads	0.14	0.01	0.10	0.01	0.29	0.28
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P2 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	Roads	0.42	0.04	0.30	0.03	0.29	0.28
P2 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	Roads	0.14	0.02	0.10	0.01	0.29	0.28
P2 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P2 Site Preparation (mo. 1)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P3 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	Roads	0.47	0.05	0.34	0.04	0.29	0.28
P3 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P3 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P3 Site Preparation (mo. 1)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P4 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	Roads	0.46	0.05	0.32	0.03	0.29	0.28

P4 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P4 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P4 Site Preparation (mo. 1)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P5 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P5 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	Roads	0.45	0.05	0.32	0.03	0.29	0.28
P5 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	Roads	0.15	0.02	0.10	0.01	0.29	0.28
P5 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P5 Site Preparation (mo. 1)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P6 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P6 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	Roads	0.46	0.05	0.33	0.04	0.29	0.28
P6 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	Roads	0.12	0.01	0.08	0.01	0.29	0.28
P6 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P6 Site Preparation (mo. 1)	Roads	0.15	0.02	0.11	0.01	0.29	0.28

Operational Percent Reduction Summary

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

Operational Mobile Mitigation

Project Setting:

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

No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

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

Energy Mitigation Measures

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

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

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Charateristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR - Central Village Residential (P 1-6)	--	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-Nov-20	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		

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					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Site Preparation	Site Preparation	2020/11/01	2020/11/30	5 days/week	21
Grading	Grading	2020/12/01	2021/10/31	5 days/week	239
Utilities	Site Preparation	2021/10/01	2022/05/31	5 days/week	173
Slope Landscaping	Site Preparation	2022/01/01	2022/08/31	5 days/week	173
P1 Site Preparation (mo. 1)	Site Preparation	2022/04/01	2022/04/30	5 days/week	21
P1 Building Construction 1 (mo. 2-4)	Building Construction	2022/05/01	2022/07/31	5 days/week	65
P1 Building Construction 2 (mo. 5)	Building Construction	2022/08/01	2022/08/31	5 days/week	23
P1 Paving	Paving	2022/03/01	2022/03/31	5 days/week	23
P1 Architectural Coating	Architectural Coating	2022/06/01	2022/07/31	5 days/week	43
P2 Site Preparation (mo. 1)	Site Preparation	2022/09/01	2022/09/30	5 days/week	22
P2 Building Construction 1 (mo. 2-4)	Building Construction	2022/10/01	2022/12/31	5 days/week	65
P2 Building Construction 2 (mo. 5)	Building Construction	2023/01/01	2023/01/31	5 days/week	22
P2 Paving	Paving	2022/08/01	2022/08/31	5 days/week	23
P2 Architectural Coating	Architectural Coating	2022/11/01	2022/12/31	5 days/week	44
P3 Site Preparation (mo. 1)	Site Preparation	2023/02/01	2023/02/28	5 days/week	20
P3 Building Construction 1 (mo. 2-4)	Building Construction	2023/03/01	2023/05/31	5 days/week	66
P3 Building Construction 2 (mo. 5)	Building Construction	2023/06/01	2023/06/30	5 days/week	22
P3 Paving	Paving	2023/01/01	2023/01/31	5 days/week	22
P3 Architectural Coating	Architectural Coating	2023/04/01	2023/05/31	5 days/week	43
P4 Site Preparation (mo. 1)	Site Preparation	2023/07/01	2023/07/31	5 days/week	21
P4 Building Construction 1 (mo. 2-4)	Building Construction	2023/08/01	2023/10/31	5 days/week	66
P4 Building Construction 2 (mo. 5)	Building Construction	2023/11/01	2023/11/30	5 days/week	22
P4 Paving	Paving	2023/07/01	2023/07/31	5 days/week	21
P4 Architectural Coating	Architectural Coating	2023/09/01	2023/10/31	5 days/week	43
P5 Site Preparation (mo. 1)	Site Preparation	2023/12/01	2023/12/31	5 days/week	21
P5 Building Construction 1 (mo. 2-4)	Building Construction	2024/01/01	2024/03/31	5 days/week	65
P5 Building Construction 2 (mo. 5)	Building Construction	2024/04/01	2024/04/30	5 days/week	22
P5 Paving	Paving	2023/11/01	2023/11/30	5 days/week	22
P5 Architectural Coating	Architectural Coating	2024/02/01	2024/03/31	5 days/week	42

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment					
Phase Name	**Equipment Type**	**Unit Amount**	**Hours/Day**	**Horsepower (hp)**	**Load Factor**
Site Preparation	Rubber Tired Dozer	default	default	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			
All Phases Site Preparation (mo. 1)	Grader	1			
	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 Paving	default				
All Phases Architectural Coating	Air Compressor	2			

CalEEMod Input Sheet
Construction Phase

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

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

Table 9: Construction Trips and VMT									
Phase Name	**# Trips Worker (/day)**	**# Trips Vendor (/day)**	**Total # Trips Hauling**	**Trip Length Worker (miles)**	**Trip Length Worker (miles)**	**Trip Length Hauling (miles)**	**Vehicle Class Worker**	**Vehicle Class Vendor**	**Vehicle Class Hauling**
Site Preparation									
Grading			7,285			0.5			MHDT
Slope Landscaping	Refer to Construction VMT worksheet								
Utilities									
All Phases Site Preparation (mo. 1)									
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Paving									
All Phases Architectural Coating									
Note: Internal hauling distance two miles to reflect onsite cut and fill									

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)**
Site Preparation								
Grading			0					
Slope Landscaping	98		default					
Utilities								
All Phases Site Preparation (mo. 1)								
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	306,730	100	102,243	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	300,062	100	100,021	N/A	0	N/A	0	N/A	
P3 Architectural Coating	50	373,410	100	124,470	N/A	0	N/A	0	N/A	
P4 Architectural Coating	50	273,389	100	91,130	N/A	0	N/A	0	N/A	
P5 Architectural Coating	50	533,443	100	177,814	N/A	0	N/A	0	N/A	

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

CalEEMod Input Sheet
Construction Mitigation

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

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

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 10:34 AM

Central Village Residential P7-P11

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	675,668.00	3

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 1

Construction Phase - Refer to CalEEMod Input Matrix Table 5

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

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

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

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

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

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	56,043.23
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	44,448.08
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	69,570.90
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	216,442.80
tblArchitecturalCoating	ConstArea_Residential_Exterior	0.00	69,570.90
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	168,129.68
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	133,344.23
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	208,712.70
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	649,328.40
tblArchitecturalCoating	ConstArea_Residential_Interior	0.00	208,712.70
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-17
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	11.50	11.00
tblGrading	AcresOfGrading	10.50	10.00
tblGrading	AcresOfGrading	11.00	10.50
tblGrading	AcresOfGrading	11.50	10.00
tblLandUse	BuildingSpaceSquareFeet	0.00	675,668.00
tblLandUse	LandUseSquareFeet	0.00	675,668.00
tblOffRoadEquipment	HorsePower	97.00	221.00
tblOffRoadEquipment	HorsePower	97.00	221.00
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tblOffRoadEquipment	LoadFactor	0.37	0.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
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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	VendorPercentPave	100.00	98.00

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2025

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tblTripsAndVMT	WorkerTripNumber	1.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	1.00	40.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	13.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction

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	1.3166	0.5886	0.5959	1.2900e-003	0.9044	0.0246	0.9290	0.0946	0.0233	0.1179	0.0000	114.7205	114.7205	0.0192	0.0000	115.2013
2023	1.1858	1.1359	1.2623	2.6800e-003	0.7551	0.0473	0.8024	0.0791	0.0449	0.1240	0.0000	235.5180	235.5180	0.0497	0.0000	236.7598
2024	0.3440	0.1718	0.2526	4.5000e-004	0.1473	6.6200e-003	0.1539	0.0154	6.3800e-003	0.0218	0.0000	39.8390	39.8390	6.9300e-003	0.0000	40.0121
Maximum	**1.3166**	**1.1359**	**1.2623**	**2.6800e-003**	**0.9044**	**0.0473**	**0.9290**	**0.0946**	**0.0449**	**0.1240**	**0.0000**	**235.5180**	**235.5180**	**0.0497**	**0.0000**	**236.7598**

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	1.3166	0.5886	0.5959	1.2900e-003	0.6370	0.0246	0.6616	0.0679	0.0233	0.0912	0.0000	114.7204	114.7204	0.0192	0.0000	115.2012
2023	1.1858	1.1359	1.2623	2.6800e-003	0.5298	0.0473	0.5771	0.0565	0.0449	0.1014	0.0000	235.5178	235.5178	0.0497	0.0000	236.7596
2024	0.3440	0.1718	0.2526	4.5000e-004	0.1044	6.6200e-003	0.1110	0.0112	6.3800e-003	0.0175	0.0000	39.8389	39.8389	6.9300e-003	0.0000	40.0121
Maximum	**1.3166**	**1.1359**	**1.2623**	**2.6800e-003**	**0.6370**	**0.0473**	**0.6616**	**0.0679**	**0.0449**	**0.1014**	**0.0000**	**235.5178**	**235.5178**	**0.0497**	**0.0000**	**236.7596**

	ROG	NOx	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**	**29.64**	**0.00**	**28.41**	**28.33**	**0.00**	**20.32**	**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)
9	8-1-2022	10-31-2022	0.2779	0.2779
10	11-1-2022	1-31-2023	1.6674	1.6674
11	2-1-2023	4-30-2023	0.7939	0.7939
12	5-1-2023	7-31-2023	0.6490	0.6490
13	8-1-2023	10-31-2023	0.3680	0.3680
14	11-1-2023	1-31-2024	0.4982	0.4982
15	2-1-2024	4-30-2024	0.4868	0.4868
		Highest	1.6674	1.6674

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	2.4000e-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	**2.4000e-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	2.4000e-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	**2.4000e-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	P7 Site Preparation (mo. 1)	Site Preparation	8/1/2022	8/31/2022	5	23	
2	P7 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2022	11/30/2022	5	65	
3	P7 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
4	P8 Site Preparation (mo. 1)	Site Preparation	12/1/2022	12/31/2022	5	22	
5	P7 Building Construction 2 (mo. 5)	Building Construction	12/1/2022	12/31/2022	5	22	
6	P8 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2023	3/1/2023	5	43	
7	P9 Site Preparation (mo. 1)	Site Preparation	3/1/2023	3/31/2023	5	23	
8	P8 Architectural Coating	Architectural Coating	3/1/2023	4/30/2023	5	43	
9	P8 Building Construction 2 (mo. 5)	Building Construction	4/1/2023	4/30/2023	5	20	
10	P9 Building Construction 1 (mo. 2-4)	Building Construction	4/1/2023	6/30/2023	5	65	
11	P9 Architectural Coating	Architectural Coating	6/1/2023	7/31/2023	5	43	
12	P10 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21	
13	P9 Building Construction 2 (mo. 5)	Building Construction	7/1/2023	7/31/2023	5	21	
14	P10 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2023	10/31/2023	5	66	
15	P10 Architectural Coating	Architectural Coating	10/1/2023	11/30/2023	5	44	
16	P11 Site Preparation (mo. 1)	Site Preparation	11/1/2023	11/30/2023	5	22	
17	P10 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22	
18	P11 Building Construction 1 (mo. 2-4)	Building Construction	12/1/2023	2/28/2024	5	64	
19	P11 Architectural Coating	Architectural Coating	2/1/2024	3/31/2024	5	42	
20	P11 Building Construction 2 (mo. 5)	Building Construction	3/1/2024	3/31/2024	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 649,328; Residential Outdoor: 216,443; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P7 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Architectural Coating	Air Compressors	2	8.00	78	0.48
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P9 Architectural Coating	Air Compressors	2	8.00	78	0.48
P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	221	0.50
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40

P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P10 Architectural Coating	Air Compressors	2	8.00	78	0.48
P10 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P10 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P10 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P10 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P11 Architectural Coating	Air Compressors	2	8.00	78	0.48
P11 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P11 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 2 (mo. 5)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P11 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P11 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P7 Site Preparation (mo. 1)	5	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-	2	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	3	40.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-	2	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	3	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2-	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	3	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Site Preparation (mo. 1)	5	14.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 1 (mo. 2-	2	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 2 (mo. 5)	3	13.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 1 (mo. 2-	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 2 (mo. 5)	3	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P7 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0145	0.1484	0.1121	2.2000e-004		7.0300e-003	7.0300e-003		6.6200e-003	6.6200e-003	0.0000	19.2187	19.2187	4.3300e-003	0.0000	19.3269
Total	**0.0145**	**0.1484**	**0.1121**	**2.2000e-004**	**5.8300e-003**	**7.0300e-003**	**0.0129**	**6.3000e-004**	**6.6200e-003**	**7.2500e-003**	**0.0000**	**19.2187**	**19.2187**	**4.3300e-003**	**0.0000**	**19.3269**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0134	3.5800e-003	4.0000e-005	0.0273	3.0000e-005	0.0273	2.9000e-003	2.0000e-005	2.9200e-003	0.0000	3.5737	3.5737	2.6000e-004	0.0000	3.5802
Worker	1.5100e-003	1.0400e-003	0.0107	3.0000e-005	0.1338	3.0000e-005	0.1339	0.0140	2.0000e-005	0.0140	0.0000	3.1043	3.1043	8.0000e-005	0.0000	3.1064
Total	**1.9100e-003**	**0.0144**	**0.0143**	**7.0000e-005**	**0.1611**	**6.0000e-005**	**0.1612**	**0.0169**	**4.0000e-005**	**0.0169**	**0.0000**	**6.6780**	**6.6780**	**3.4000e-004**	**0.0000**	**6.6866**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0145	0.1484	0.1121	2.2000e-004		7.0300e-003	7.0300e-003		6.6200e-003	6.6200e-003	0.0000	19.2187	19.2187	4.3300e-003	0.0000	19.3269
Total	**0.0145**	**0.1484**	**0.1121**	**2.2000e-004**	**2.2700e-003**	**7.0300e-003**	**9.3000e-003**	**2.5000e-004**	**6.6200e-003**	**6.8700e-003**	**0.0000**	**19.2187**	**19.2187**	**4.3300e-003**	**0.0000**	**19.3269**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0134	3.5800e-003	4.0000e-005	0.0194	3.0000e-005	0.0194	2.1100e-003	2.0000e-005	2.1300e-003	0.0000	3.5737	3.5737	2.6000e-004	0.0000	3.5802
Worker	1.5100e-003	1.0400e-003	0.0107	3.0000e-005	0.0948	3.0000e-005	0.0948	0.0101	2.0000e-005	0.0101	0.0000	3.1043	3.1043	8.0000e-005	0.0000	3.1064
Total	**1.9100e-003**	**0.0144**	**0.0143**	**7.0000e-005**	**0.1142**	**6.0000e-005**	**0.1142**	**0.0122**	**4.0000e-005**	**0.0122**	**0.0000**	**6.6780**	**6.6780**	**3.4000e-004**	**0.0000**	**6.6866**

3.3 P7 Building Construction 1 (mo. 2-4) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.9900e-003	0.1026	0.1471	2.1000e-004		4.6100e-003	4.6100e-003		4.2400e-003	4.2400e-003	0.0000	18.7218	18.7218	6.0600e-003	0.0000	18.8732
Total	**8.9900e-003**	**0.1026**	**0.1471**	**2.1000e-004**		**4.6100e-003**	**4.6100e-003**		**4.2400e-003**	**4.2400e-003**	**0.0000**	**18.7218**	**18.7218**	**6.0600e-003**	**0.0000**	**18.8732**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1200e-003	0.0379	0.0101	1.0000e-004	0.0772	7.0000e-005	0.0772	8.1800e-003	7.0000e-005	8.2500e-003	0.0000	10.0996	10.0996	7.3000e-004	0.0000	10.1179
Worker	4.2800e-003	2.9400e-003	0.0302	1.0000e-004	0.3782	7.0000e-005	0.3783	0.0394	7.0000e-005	0.0395	0.0000	8.7730	8.7730	2.4000e-004	0.0000	8.7789
Total	**5.4000e-003**	**0.0408**	**0.0403**	**2.0000e-004**	**0.4554**	**1.4000e-004**	**0.4555**	**0.0476**	**1.4000e-004**	**0.0478**	**0.0000**	**18.8726**	**18.8726**	**9.7000e-004**	**0.0000**	**18.8969**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.9900e-003	0.1026	0.1471	2.1000e-004		4.6100e-003	4.6100e-003		4.2400e-003	4.2400e-003	0.0000	18.7218	18.7218	6.0600e-003	0.0000	18.8732
Total	**8.9900e-003**	**0.1026**	**0.1471**	**2.1000e-004**		**4.6100e-003**	**4.6100e-003**		**4.2400e-003**	**4.2400e-003**	**0.0000**	**18.7218**	**18.7218**	**6.0600e-003**	**0.0000**	**18.8732**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1200e-003	0.0379	0.0101	1.0000e-004	0.0548	7.0000e-005	0.0549	5.9500e-003	7.0000e-005	6.0200e-003	0.0000	10.0996	10.0996	7.3000e-004	0.0000	10.1179
Worker	4.2800e-003	2.9400e-003	0.0302	1.0000e-004	0.2678	7.0000e-005	0.2679	0.0284	7.0000e-005	0.0285	0.0000	8.7730	8.7730	2.4000e-004	0.0000	8.7789
Total	**5.4000e-003**	**0.0408**	**0.0403**	**2.0000e-004**	**0.3226**	**1.4000e-004**	**0.3227**	**0.0344**	**1.4000e-004**	**0.0345**	**0.0000**	**18.8726**	**18.8726**	**9.7000e-004**	**0.0000**	**18.8969**

3.4 P7 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2540					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0120	0.0826	0.1064	1.7000e-004		4.7900e-003	4.7900e-003		4.7900e-003	4.7900e-003	0.0000	14.9791	14.9791	9.8000e-004	0.0000	15.0035
Total	**1.2660**	**0.0826**	**0.1064**	**1.7000e-004**		**4.7900e-003**	**4.7900e-003**		**4.7900e-003**	**4.7900e-003**	**0.0000**	**14.9791**	**14.9791**	**9.8000e-004**	**0.0000**	**15.0035**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	0.0174	2.0000e-005	0.0174	1.8500e-003	2.0000e-005	1.8600e-003	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	5.8000e-004	4.0000e-004	4.0800e-003	1.0000e-005	0.0512	1.0000e-005	0.0512	5.3400e-003	1.0000e-005	5.3500e-003	0.0000	1.1877	1.1877	3.0000e-005	0.0000	1.1885
Total	**8.3000e-004**	**8.9400e-003**	**6.3600e-003**	**3.0000e-005**	**0.0686**	**3.0000e-005**	**0.0686**	**7.1900e-003**	**3.0000e-005**	**7.2100e-003**	**0.0000**	**3.4666**	**3.4666**	**2.0000e-004**	**0.0000**	**3.4716**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2540					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0120	0.0826	0.1064	1.7000e-004		4.7900e-003	4.7900e-003		4.7900e-003	4.7900e-003	0.0000	14.9791	14.9791	9.8000e-004	0.0000	15.0035
Total	**1.2660**	**0.0826**	**0.1064**	**1.7000e-004**		**4.7900e-003**	**4.7900e-003**		**4.7900e-003**	**4.7900e-003**	**0.0000**	**14.9791**	**14.9791**	**9.8000e-004**	**0.0000**	**15.0035**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	0.0124	2.0000e-005	0.0124	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	5.8000e-004	4.0000e-004	4.0800e-003	1.0000e-005	0.0363	1.0000e-005	0.0363	3.8500e-003	1.0000e-005	3.8600e-003	0.0000	1.1877	1.1877	3.0000e-005	0.0000	1.1885
Total	**8.3000e-004**	**8.9400e-003**	**6.3600e-003**	**3.0000e-005**	**0.0486**	**3.0000e-005**	**0.0487**	**5.1900e-003**	**3.0000e-005**	**5.2200e-003**	**0.0000**	**3.4666**	**3.4666**	**2.0000e-004**	**0.0000**	**3.4716**

3.5 P8 Site Preparation (mo. 1) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0139	0.1419	0.1072	2.1000e-004		6.7200e-003	6.7200e-003		6.3300e-003	6.3300e-003	0.0000	18.3831	18.3831	4.1400e-003	0.0000	18.4866
Total	**0.0139**	**0.1419**	**0.1072**	**2.1000e-004**	**5.8300e-003**	**6.7200e-003**	**0.0126**	**6.3000e-004**	**6.3300e-003**	**6.9600e-003**	**0.0000**	**18.3831**	**18.3831**	**4.1400e-003**	**0.0000**	**18.4866**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7100e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	5.1000e-004	3.5000e-004	3.5700e-003	1.0000e-005	0.0448	1.0000e-005	0.0448	4.6700e-003	1.0000e-005	4.6800e-003	0.0000	1.0393	1.0393	3.0000e-005	0.0000	1.0400
Total	**6.4000e-004**	**4.6200e-003**	**4.7100e-003**	**2.0000e-005**	**0.0535**	**2.0000e-005**	**0.0535**	**5.5900e-003**	**2.0000e-005**	**5.6100e-003**	**0.0000**	**2.1787**	**2.1787**	**1.1000e-004**	**0.0000**	**2.1815**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0139	0.1419	0.1072	2.1000e-004		6.7200e-003	6.7200e-003		6.3300e-003	6.3300e-003	0.0000	18.3831	18.3831	4.1400e-003	0.0000	18.4866
Total	**0.0139**	**0.1419**	**0.1072**	**2.1000e-004**	**2.2700e-003**	**6.7200e-003**	**8.9900e-003**	**2.5000e-004**	**6.3300e-003**	**6.5800e-003**	**0.0000**	**18.3831**	**18.3831**	**4.1400e-003**	**0.0000**	**18.4866**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	6.1800e-003	1.0000e-005	6.1900e-003	6.7000e-004	1.0000e-005	6.8000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	5.1000e-004	3.5000e-004	3.5700e-003	1.0000e-005	0.0317	1.0000e-005	0.0317	3.3700e-003	1.0000e-005	3.3800e-003	0.0000	1.0393	1.0393	3.0000e-005	0.0000	1.0400
Total	**6.4000e-004**	**4.6200e-003**	**4.7100e-003**	**2.0000e-005**	**0.0379**	**2.0000e-005**	**0.0379**	**4.0400e-003**	**2.0000e-005**	**4.0600e-003**	**0.0000**	**2.1787**	**2.1787**	**1.1000e-004**	**0.0000**	**2.1815**

3.6 P7 Building Construction 2 (mo. 5) - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6400e-003	0.0306	0.0438	7.0000e-005		1.1000e-003	1.1000e-003		1.0300e-003	1.0300e-003	0.0000	5.8344	5.8344	1.7800e-003	0.0000	5.8788
Total	**2.6400e-003**	**0.0306**	**0.0438**	**7.0000e-005**		**1.1000e-003**	**1.1000e-003**		**1.0300e-003**	**1.0300e-003**	**0.0000**	**5.8344**	**5.8344**	**1.7800e-003**	**0.0000**	**5.8788**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8000e-004	0.0128	3.4200e-003	3.0000e-005	0.0261	2.0000e-005	0.0261	2.7700e-003	2.0000e-005	2.7900e-003	0.0000	3.4183	3.4183	2.5000e-004	0.0000	3.4245
Worker	1.4500e-003	9.9000e-004	0.0102	3.0000e-005	0.1280	2.0000e-005	0.1280	0.0134	2.0000e-005	0.0134	0.0000	2.9693	2.9693	8.0000e-005	0.0000	2.9713
Total	**1.8300e-003**	**0.0138**	**0.0136**	**6.0000e-005**	**0.1541**	**4.0000e-005**	**0.1542**	**0.0161**	**4.0000e-005**	**0.0162**	**0.0000**	**6.3876**	**6.3876**	**3.3000e-004**	**0.0000**	**6.3959**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6400e-003	0.0306	0.0438	7.0000e-005		1.1000e-003	1.1000e-003		1.0300e-003	1.0300e-003	0.0000	5.8344	5.8344	1.7800e-003	0.0000	5.8788
Total	**2.6400e-003**	**0.0306**	**0.0438**	**7.0000e-005**		**1.1000e-003**	**1.1000e-003**		**1.0300e-003**	**1.0300e-003**	**0.0000**	**5.8344**	**5.8344**	**1.7800e-003**	**0.0000**	**5.8788**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8000e-004	0.0128	3.4200e-003	3.0000e-005	0.0185	2.0000e-005	0.0186	2.0100e-003	2.0000e-005	2.0400e-003	0.0000	3.4183	3.4183	2.5000e-004	0.0000	3.4245
Worker	1.4500e-003	9.9000e-004	0.0102	3.0000e-005	0.0907	2.0000e-005	0.0907	9.6200e-003	2.0000e-005	9.6400e-003	0.0000	2.9693	2.9693	8.0000e-005	0.0000	2.9713
Total	**1.8300e-003**	**0.0138**	**0.0136**	**6.0000e-005**	**0.1092**	**4.0000e-005**	**0.1092**	**0.0116**	**4.0000e-005**	**0.0117**	**0.0000**	**6.3876**	**6.3876**	**3.3000e-004**	**0.0000**	**6.3959**

3.7 P8 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.3600e-003	0.0966	0.0973	2.8000e-004		3.3800e-003	3.3800e-003		3.1100e-003	3.1100e-003	0.0000	24.3669	24.3669	7.8800e-003	0.0000	24.5639
Total	**9.3600e-003**	**0.0966**	**0.0973**	**2.8000e-004**		**3.3800e-003**	**3.3800e-003**		**3.1100e-003**	**3.1100e-003**	**0.0000**	**24.3669**	**24.3669**	**7.8800e-003**	**0.0000**	**24.5639**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	8.7000e-004	5.8000e-004	6.0100e-003	2.0000e-005	0.0813	2.0000e-005	0.0813	8.4800e-003	1.0000e-005	8.4900e-003	0.0000	1.8141	1.8141	5.0000e-005	0.0000	1.8153
Total	**1.0600e-003**	**7.1400e-003**	**8.0400e-003**	**4.0000e-005**	**0.0983**	**3.0000e-005**	**0.0984**	**0.0103**	**2.0000e-005**	**0.0103**	**0.0000**	**3.9852**	**3.9852**	**2.0000e-004**	**0.0000**	**3.9900**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.3600e-003	0.0966	0.0973	2.8000e-004		3.3800e-003	3.3800e-003		3.1100e-003	3.1100e-003	0.0000	24.3668	24.3668	7.8800e-003	0.0000	24.5639
Total	**9.3600e-003**	**0.0966**	**0.0973**	**2.8000e-004**		**3.3800e-003**	**3.3800e-003**		**3.1100e-003**	**3.1100e-003**	**0.0000**	**24.3668**	**24.3668**	**7.8800e-003**	**0.0000**	**24.5639**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0121	1.0000e-005	0.0121	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	8.7000e-004	5.8000e-004	6.0100e-003	2.0000e-005	0.0576	2.0000e-005	0.0576	6.1100e-003	1.0000e-005	6.1300e-003	0.0000	1.8141	1.8141	5.0000e-005	0.0000	1.8153
Total	**1.0600e-003**	**7.1400e-003**	**8.0400e-003**	**4.0000e-005**	**0.0697**	**3.0000e-005**	**0.0697**	**7.4200e-003**	**2.0000e-005**	**7.4500e-003**	**0.0000**	**3.9852**	**3.9852**	**2.0000e-004**	**0.0000**	**3.9900**

3.8 P9 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0136	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**	**5.3000e-003**	**6.3600e-003**	**0.0117**	**5.7000e-004**	**5.9900e-003**	**6.5600e-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	1.7500e-003	5.4000e-004	1.0000e-005	4.5500e-003	0.0000	4.5500e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.5806	0.5806	4.0000e-005	0.0000	0.5816
Worker	2.9000e-004	1.9000e-004	1.9800e-003	1.0000e-005	0.0268	1.0000e-005	0.0268	2.7900e-003	0.0000	2.8000e-003	0.0000	0.5971	0.5971	2.0000e-005	0.0000	0.5975
Total	**3.4000e-004**	**1.9400e-003**	**2.5200e-003**	**2.0000e-005**	**0.0313**	**1.0000e-005**	**0.0313**	**3.2700e-003**	**0.0000**	**3.2800e-003**	**0.0000**	**1.1778**	**1.1778**	**6.0000e-005**	**0.0000**	**1.1791**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0136	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**	**2.0700e-003**	**6.3600e-003**	**8.4300e-003**	**2.2000e-004**	**5.9900e-003**	**6.2100e-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	1.7500e-003	5.4000e-004	1.0000e-005	3.2300e-003	0.0000	3.2300e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.5806	0.5806	4.0000e-005	0.0000	0.5816
Worker	2.9000e-004	1.9000e-004	1.9800e-003	1.0000e-005	0.0190	1.0000e-005	0.0190	2.0100e-003	0.0000	2.0200e-003	0.0000	0.5971	0.5971	2.0000e-005	0.0000	0.5975
Total	**3.4000e-004**	**1.9400e-003**	**2.5200e-003**	**2.0000e-005**	**0.0222**	**1.0000e-005**	**0.0222**	**2.3600e-003**	**0.0000**	**2.3700e-003**	**0.0000**	**1.1778**	**1.1778**	**6.0000e-005**	**0.0000**	**1.1791**

3.9 P8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4031					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	**0.4141**	**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	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	2.7000e-004	1.8000e-004	1.8500e-003	1.0000e-005	0.0250	0.0000	0.0250	2.6100e-003	0.0000	2.6100e-003	0.0000	0.5582	0.5582	1.0000e-005	0.0000	0.5586
Total	**4.6000e-004**	**6.7400e-003**	**3.8800e-003**	**3.0000e-005**	**0.0420**	**1.0000e-005**	**0.0420**	**4.4100e-003**	**1.0000e-005**	**4.4200e-003**	**0.0000**	**2.7292**	**2.7292**	**1.6000e-004**	**0.0000**	**2.7333**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4031					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	**0.4141**	**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	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0121	1.0000e-005	0.0121	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	2.7000e-004	1.8000e-004	1.8500e-003	1.0000e-005	0.0177	0.0000	0.0177	1.8800e-003	0.0000	1.8800e-003	0.0000	0.5582	0.5582	1.0000e-005	0.0000	0.5586
Total	**4.6000e-004**	**6.7400e-003**	**3.8800e-003**	**3.0000e-005**	**0.0298**	**1.0000e-005**	**0.0298**	**3.1900e-003**	**1.0000e-005**	**3.2000e-003**	**0.0000**	**2.7292**	**2.7292**	**1.6000e-004**	**0.0000**	**2.7333**

3.10 P8 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.3000e-003	0.0263	0.0398	6.0000e-005		8.9000e-004	8.9000e-004		8.3000e-004	8.3000e-004	0.0000	5.3053	5.3053	1.6200e-003	0.0000	5.3457
Total	**2.3000e-003**	**0.0263**	**0.0398**	**6.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.3000e-004**	**8.3000e-004**	**0.0000**	**5.3053**	**5.3053**	**1.6200e-003**	**0.0000**	**5.3457**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.0500e-003	9.5000e-004	1.0000e-005	7.9100e-003	0.0000	7.9200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	1.0098	1.0098	7.0000e-005	0.0000	1.0115
Worker	4.1000e-004	2.7000e-004	2.8000e-003	1.0000e-005	0.0378	1.0000e-005	0.0378	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	0.8438	0.8438	2.0000e-005	0.0000	0.8443
Total	**5.0000e-004**	**3.3200e-003**	**3.7500e-003**	**2.0000e-005**	**0.0457**	**1.0000e-005**	**0.0458**	**4.7800e-003**	**1.0000e-005**	**4.7900e-003**	**0.0000**	**1.8536**	**1.8536**	**9.0000e-005**	**0.0000**	**1.8558**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.3000e-003	0.0263	0.0398	6.0000e-005		8.9000e-004	8.9000e-004		8.3000e-004	8.3000e-004	0.0000	5.3053	5.3053	1.6200e-003	0.0000	5.3456
Total	**2.3000e-003**	**0.0263**	**0.0398**	**6.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.3000e-004**	**8.3000e-004**	**0.0000**	**5.3053**	**5.3053**	**1.6200e-003**	**0.0000**	**5.3456**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.0500e-003	9.5000e-004	1.0000e-005	5.6200e-003	0.0000	5.6200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	1.0098	1.0098	7.0000e-005	0.0000	1.0115
Worker	4.1000e-004	2.7000e-004	2.8000e-003	1.0000e-005	0.0268	1.0000e-005	0.0268	2.8400e-003	1.0000e-005	2.8500e-003	0.0000	0.8438	0.8438	2.0000e-005	0.0000	0.8443
Total	**5.0000e-004**	**3.3200e-003**	**3.7500e-003**	**2.0000e-005**	**0.0324**	**1.0000e-005**	**0.0324**	**3.4500e-003**	**1.0000e-005**	**3.4600e-003**	**0.0000**	**1.8536**	**1.8536**	**9.0000e-005**	**0.0000**	**1.8558**

3.11 P9 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0142	0.1460	0.1471	4.2000e-004		5.1100e-003	5.1100e-003		4.7000e-003	4.7000e-003	0.0000	36.8336	36.8336	0.0119	0.0000	37.1315
Total	**0.0142**	**0.1460**	**0.1471**	**4.2000e-004**		**5.1100e-003**	**5.1100e-003**		**4.7000e-003**	**4.7000e-003**	**0.0000**	**36.8336**	**36.8336**	**0.0119**	**0.0000**	**37.1315**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.9600e-003	1.5400e-003	2.0000e-005	0.0129	1.0000e-005	0.0129	1.3600e-003	1.0000e-005	1.3700e-003	0.0000	1.6409	1.6409	1.1000e-004	0.0000	1.6437
Worker	8.1000e-004	5.4000e-004	5.5900e-003	2.0000e-005	0.0756	1.0000e-005	0.0757	7.8900e-003	1.0000e-005	7.9000e-003	0.0000	1.6876	1.6876	4.0000e-005	0.0000	1.6887
Total	**9.5000e-004**	**5.5000e-003**	**7.1300e-003**	**4.0000e-005**	**0.0885**	**2.0000e-005**	**0.0885**	**9.2500e-003**	**2.0000e-005**	**9.2700e-003**	**0.0000**	**3.3285**	**3.3285**	**1.5000e-004**	**0.0000**	**3.3323**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0142	0.1460	0.1471	4.2000e-004		5.1100e-003	5.1100e-003		4.7000e-003	4.7000e-003	0.0000	36.8336	36.8336	0.0119	0.0000	37.1314
Total	**0.0142**	**0.1460**	**0.1471**	**4.2000e-004**		**5.1100e-003**	**5.1100e-003**		**4.7000e-003**	**4.7000e-003**	**0.0000**	**36.8336**	**36.8336**	**0.0119**	**0.0000**	**37.1314**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.9600e-003	1.5400e-003	2.0000e-005	9.1300e-003	1.0000e-005	9.1400e-003	9.9000e-004	1.0000e-005	1.0000e-003	0.0000	1.6409	1.6409	1.1000e-004	0.0000	1.6437
Worker	8.1000e-004	5.4000e-004	5.5900e-003	2.0000e-005	0.0536	1.0000e-005	0.0536	5.6900e-003	1.0000e-005	5.7000e-003	0.0000	1.6876	1.6876	4.0000e-005	0.0000	1.6887
Total	**9.5000e-004**	**5.5000e-003**	**7.1300e-003**	**4.0000e-005**	**0.0627**	**2.0000e-005**	**0.0627**	**6.6800e-003**	**2.0000e-005**	**6.7000e-003**	**0.0000**	**3.3285**	**3.3285**	**1.5000e-004**	**0.0000**	**3.3323**

3.12 P9 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2575					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	**0.2685**	**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	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	1.3000e-004	9.0000e-005	9.2000e-004	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2791	0.2791	1.0000e-005	0.0000	0.2793
Total	**3.2000e-004**	**6.6500e-003**	**2.9500e-003**	**2.0000e-005**	**0.0295**	**1.0000e-005**	**0.0295**	**3.1000e-003**	**1.0000e-005**	**3.1200e-003**	**0.0000**	**2.4501**	**2.4501**	**1.6000e-004**	**0.0000**	**2.4540**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.2575					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	**0.2685**	**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	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0121	1.0000e-005	0.0121	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	1.3000e-004	9.0000e-005	9.2000e-004	0.0000	8.8600e-003	0.0000	8.8600e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.2791	0.2791	1.0000e-005	0.0000	0.2793
Total	**3.2000e-004**	**6.6500e-003**	**2.9500e-003**	**2.0000e-005**	**0.0209**	**1.0000e-005**	**0.0210**	**2.2500e-003**	**1.0000e-005**	**2.2600e-003**	**0.0000**	**2.4501**	**2.4501**	**1.6000e-004**	**0.0000**	**2.4540**

3.13 P10 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0124	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**	**5.3000e-003**	**5.8100e-003**	**0.0111**	**5.7000e-004**	**5.4700e-003**	**6.0400e-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	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.9000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	4.6000e-004	3.0000e-004	3.1600e-003	1.0000e-005	0.0428	1.0000e-005	0.0428	4.4600e-003	1.0000e-005	4.4700e-003	0.0000	0.9541	0.9541	2.0000e-005	0.0000	0.9547
Total	**5.5000e-004**	**3.5000e-003**	**4.1500e-003**	**2.0000e-005**	**0.0511**	**1.0000e-005**	**0.0511**	**5.3400e-003**	**1.0000e-005**	**5.3600e-003**	**0.0000**	**2.0144**	**2.0144**	**9.0000e-005**	**0.0000**	**2.0168**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0124	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**	**2.0700e-003**	**5.8100e-003**	**7.8800e-003**	**2.2000e-004**	**5.4700e-003**	**5.6900e-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	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	5.9000e-003	0.0000	5.9000e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	4.6000e-004	3.0000e-004	3.1600e-003	1.0000e-005	0.0303	1.0000e-005	0.0303	3.2100e-003	1.0000e-005	3.2200e-003	0.0000	0.9541	0.9541	2.0000e-005	0.0000	0.9547
Total	**5.5000e-004**	**3.5000e-003**	**4.1500e-003**	**2.0000e-005**	**0.0362**	**1.0000e-005**	**0.0362**	**3.8500e-003**	**1.0000e-005**	**3.8600e-003**	**0.0000**	**2.0144**	**2.0144**	**9.0000e-005**	**0.0000**	**2.0168**

3.14 P9 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.4100e-003	0.0276	0.0418	7.0000e-005		9.3000e-004	9.3000e-004		8.7000e-004	8.7000e-004	0.0000	5.5705	5.5705	1.7000e-003	0.0000	5.6129
Total	**2.4100e-003**	**0.0276**	**0.0418**	**7.0000e-005**		**9.3000e-004**	**9.3000e-004**		**8.7000e-004**	**8.7000e-004**	**0.0000**	**5.5705**	**5.5705**	**1.7000e-003**	**0.0000**	**5.6129**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.6000e-003	5.0000e-004	1.0000e-005	4.1600e-003	0.0000	4.1600e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.5301	0.5301	4.0000e-005	0.0000	0.5310
Worker	2.6000e-004	1.7000e-004	1.8100e-003	1.0000e-005	0.0244	0.0000	0.0244	2.5500e-003	0.0000	2.5500e-003	0.0000	0.5452	0.5452	1.0000e-005	0.0000	0.5456
Total	**3.1000e-004**	**1.7700e-003**	**2.3100e-003**	**2.0000e-005**	**0.0286**	**0.0000**	**0.0286**	**2.9900e-003**	**0.0000**	**2.9900e-003**	**0.0000**	**1.0753**	**1.0753**	**5.0000e-005**	**0.0000**	**1.0766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.4100e-003	0.0276	0.0418	7.0000e-005		9.3000e-004	9.3000e-004		8.7000e-004	8.7000e-004	0.0000	5.5705	5.5705	1.7000e-003	0.0000	5.6129
Total	**2.4100e-003**	**0.0276**	**0.0418**	**7.0000e-005**		**9.3000e-004**	**9.3000e-004**		**8.7000e-004**	**8.7000e-004**	**0.0000**	**5.5705**	**5.5705**	**1.7000e-003**	**0.0000**	**5.6129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.6000e-003	5.0000e-004	1.0000e-005	2.9500e-003	0.0000	2.9500e-003	3.2000e-004	0.0000	3.2000e-004	0.0000	0.5301	0.5301	4.0000e-005	0.0000	0.5310
Worker	2.6000e-004	1.7000e-004	1.8100e-003	1.0000e-005	0.0173	0.0000	0.0173	1.8400e-003	0.0000	1.8400e-003	0.0000	0.5452	0.5452	1.0000e-005	0.0000	0.5456
Total	**3.1000e-004**	**1.7700e-003**	**2.3100e-003**	**2.0000e-005**	**0.0203**	**0.0000**	**0.0203**	**2.1600e-003**	**0.0000**	**2.1600e-003**	**0.0000**	**1.0753**	**1.0753**	**5.0000e-005**	**0.0000**	**1.0766**

3.15 P10 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	**8.4900e-003**	**0.0969**	**0.1491**	**2.2000e-004**		**3.9900e-003**	**3.9900e-003**		**3.6700e-003**	**3.6700e-003**	**0.0000**	**19.0214**	**19.0214**	**6.1500e-003**	**0.0000**	**19.1752**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9000e-004	0.0101	3.1200e-003	3.0000e-005	0.0261	1.0000e-005	0.0261	2.7700e-003	1.0000e-005	2.7800e-003	0.0000	3.3323	3.3323	2.3000e-004	0.0000	3.3379
Worker	1.3400e-003	8.9000e-004	9.2300e-003	3.0000e-005	0.1248	2.0000e-005	0.1248	0.0130	2.0000e-005	0.0130	0.0000	2.7845	2.7845	7.0000e-005	0.0000	2.7863
Total	**1.6300e-003**	**0.0110**	**0.0124**	**6.0000e-005**	**0.1509**	**3.0000e-005**	**0.1510**	**0.0158**	**3.0000e-005**	**0.0158**	**0.0000**	**6.1168**	**6.1168**	**3.0000e-004**	**0.0000**	**6.1242**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	**8.4900e-003**	**0.0969**	**0.1491**	**2.2000e-004**		**3.9900e-003**	**3.9900e-003**		**3.6700e-003**	**3.6700e-003**	**0.0000**	**19.0214**	**19.0214**	**6.1500e-003**	**0.0000**	**19.1752**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9000e-004	0.0101	3.1200e-003	3.0000e-005	0.0185	1.0000e-005	0.0186	2.0100e-003	1.0000e-005	2.0300e-003	0.0000	3.3323	3.3323	2.3000e-004	0.0000	3.3379
Worker	1.3400e-003	8.9000e-004	9.2300e-003	3.0000e-005	0.0884	2.0000e-005	0.0884	9.3800e-003	2.0000e-005	9.4000e-003	0.0000	2.7845	2.7845	7.0000e-005	0.0000	2.7863
Total	**1.6300e-003**	**0.0110**	**0.0124**	**6.0000e-005**	**0.1069**	**3.0000e-005**	**0.1070**	**0.0114**	**3.0000e-005**	**0.0114**	**0.0000**	**6.1168**	**6.1168**	**3.0000e-004**	**0.0000**	**6.1242**

3.16 P10 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4031					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0764	0.1063	1.7000e-004		4.1500e-003	4.1500e-003		4.1500e-003	4.1500e-003	0.0000	14.9791	14.9791	9.0000e-004	0.0000	15.0015
Total	**0.4143**	**0.0764**	**0.1063**	**1.7000e-004**		**4.1500e-003**	**4.1500e-003**		**4.1500e-003**	**4.1500e-003**	**0.0000**	**14.9791**	**14.9791**	**9.0000e-004**	**0.0000**	**15.0015**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	6.7100e-003	2.0800e-003	2.0000e-005	0.0174	1.0000e-005	0.0174	1.8500e-003	1.0000e-005	1.8500e-003	0.0000	2.2215	2.2215	1.5000e-004	0.0000	2.2253
Worker	2.7000e-004	1.8000e-004	1.8900e-003	1.0000e-005	0.0256	0.0000	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.5712	0.5712	1.0000e-005	0.0000	0.5716
Total	**4.7000e-004**	**6.8900e-003**	**3.9700e-003**	**3.0000e-005**	**0.0430**	**1.0000e-005**	**0.0430**	**4.5200e-003**	**1.0000e-005**	**4.5200e-003**	**0.0000**	**2.7927**	**2.7927**	**1.6000e-004**	**0.0000**	**2.7968**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4031					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0764	0.1063	1.7000e-004		4.1500e-003	4.1500e-003		4.1500e-003	4.1500e-003	0.0000	14.9791	14.9791	9.0000e-004	0.0000	15.0015
Total	**0.4143**	**0.0764**	**0.1063**	**1.7000e-004**		**4.1500e-003**	**4.1500e-003**		**4.1500e-003**	**4.1500e-003**	**0.0000**	**14.9791**	**14.9791**	**9.0000e-004**	**0.0000**	**15.0015**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	6.7100e-003	2.0800e-003	2.0000e-005	0.0124	1.0000e-005	0.0124	1.3400e-003	1.0000e-005	1.3500e-003	0.0000	2.2215	2.2215	1.5000e-004	0.0000	2.2253
Worker	2.7000e-004	1.8000e-004	1.8900e-003	1.0000e-005	0.0181	0.0000	0.0181	1.9200e-003	0.0000	1.9300e-003	0.0000	0.5712	0.5712	1.0000e-005	0.0000	0.5716
Total	**4.7000e-004**	**6.8900e-003**	**3.9700e-003**	**3.0000e-005**	**0.0305**	**1.0000e-005**	**0.0305**	**3.2600e-003**	**1.0000e-005**	**3.2800e-003**	**0.0000**	**2.7927**	**2.7927**	**1.6000e-004**	**0.0000**	**2.7968**

3.17 P11 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	0.0130	0.1306	0.1067	2.1000e-004		6.0900e-003	6.0900e-003		5.7300e-003	5.7300e-003	0.0000	18.3823	18.3823	4.1100e-003	0.0000	18.4850
Total	**0.0130**	**0.1306**	**0.1067**	**2.1000e-004**	**5.5700e-003**	**6.0900e-003**	**0.0117**	**6.0000e-004**	**5.7300e-003**	**6.3300e-003**	**0.0000**	**18.3823**	**18.3823**	**4.1100e-003**	**0.0000**	**18.4850**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	3.4000e-004	2.3000e-004	2.3700e-003	1.0000e-005	0.0320	1.0000e-005	0.0320	3.3400e-003	1.0000e-005	3.3400e-003	0.0000	0.7140	0.7140	2.0000e-005	0.0000	0.7144
Total	**4.4000e-004**	**3.5800e-003**	**3.4100e-003**	**2.0000e-005**	**0.0407**	**1.0000e-005**	**0.0407**	**4.2600e-003**	**1.0000e-005**	**4.2700e-003**	**0.0000**	**1.8247**	**1.8247**	**1.0000e-004**	**0.0000**	**1.8271**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0130	0.1306	0.1067	2.1000e-004		6.0900e-003	6.0900e-003		5.7300e-003	5.7300e-003	0.0000	18.3823	18.3823	4.1100e-003	0.0000	18.4850
Total	**0.0130**	**0.1306**	**0.1067**	**2.1000e-004**	**2.1700e-003**	**6.0900e-003**	**8.2600e-003**	**2.3000e-004**	**5.7300e-003**	**5.9600e-003**	**0.0000**	**18.3823**	**18.3823**	**4.1100e-003**	**0.0000**	**18.4850**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.8000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	3.4000e-004	2.3000e-004	2.3700e-003	1.0000e-005	0.0227	1.0000e-005	0.0227	2.4100e-003	1.0000e-005	2.4100e-003	0.0000	0.7140	0.7140	2.0000e-005	0.0000	0.7144
Total	**4.4000e-004**	**3.5800e-003**	**3.4100e-003**	**2.0000e-005**	**0.0288**	**1.0000e-005**	**0.0289**	**3.0800e-003**	**1.0000e-005**	**3.0900e-003**	**0.0000**	**1.8247**	**1.8247**	**1.0000e-004**	**0.0000**	**1.8271**

3.18 P10 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5300e-003	0.0290	0.0438	7.0000e-005		9.7000e-004	9.7000e-004		9.1000e-004	9.1000e-004	0.0000	5.8358	5.8358	1.7800e-003	0.0000	5.8802
Total	**2.5300e-003**	**0.0290**	**0.0438**	**7.0000e-005**		**9.7000e-004**	**9.7000e-004**		**9.1000e-004**	**9.1000e-004**	**0.0000**	**5.8358**	**5.8358**	**1.7800e-003**	**0.0000**	**5.8802**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	4.5000e-004	3.0000e-004	3.0800e-003	1.0000e-005	0.0416	1.0000e-005	0.0416	4.3400e-003	1.0000e-005	4.3500e-003	0.0000	0.9282	0.9282	2.0000e-005	0.0000	0.9288
Total	**5.5000e-004**	**3.6500e-003**	**4.1200e-003**	**2.0000e-005**	**0.0503**	**1.0000e-005**	**0.0503**	**5.2600e-003**	**1.0000e-005**	**5.2800e-003**	**0.0000**	**2.0389**	**2.0389**	**1.0000e-004**	**0.0000**	**2.0414**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.5300e-003	0.0290	0.0438	7.0000e-005		9.7000e-004	9.7000e-004		9.1000e-004	9.1000e-004	0.0000	5.8358	5.8358	1.7800e-003	0.0000	5.8802
Total	**2.5300e-003**	**0.0290**	**0.0438**	**7.0000e-005**		**9.7000e-004**	**9.7000e-004**		**9.1000e-004**	**9.1000e-004**	**0.0000**	**5.8358**	**5.8358**	**1.7800e-003**	**0.0000**	**5.8802**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.8000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	4.5000e-004	3.0000e-004	3.0800e-003	1.0000e-005	0.0295	1.0000e-005	0.0295	3.1300e-003	1.0000e-005	3.1300e-003	0.0000	0.9282	0.9282	2.0000e-005	0.0000	0.9288
Total	**5.5000e-004**	**3.6500e-003**	**4.1200e-003**	**2.0000e-005**	**0.0356**	**1.0000e-005**	**0.0357**	**3.8000e-003**	**1.0000e-005**	**3.8100e-003**	**0.0000**	**2.0389**	**2.0389**	**1.0000e-004**	**0.0000**	**2.0414**

3.19 P11 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7000e-003	0.0308	0.0475	7.0000e-005		1.2700e-003	1.2700e-003		1.1700e-003	1.1700e-003	0.0000	6.0523	6.0523	1.9600e-003	0.0000	6.1012
Total	**2.7000e-003**	**0.0308**	**0.0475**	**7.0000e-005**		**1.2700e-003**	**1.2700e-003**		**1.1700e-003**	**1.1700e-003**	**0.0000**	**6.0523**	**6.0523**	**1.9600e-003**	**0.0000**	**6.1012**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.2000e-003	9.9000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.9000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	3.3000e-004	2.2000e-004	2.2600e-003	1.0000e-005	0.0306	1.0000e-005	0.0306	3.1900e-003	1.0000e-005	3.1900e-003	0.0000	0.6815	0.6815	2.0000e-005	0.0000	0.6820
Total	**4.2000e-004**	**3.4200e-003**	**3.2500e-003**	**2.0000e-005**	**0.0389**	**1.0000e-005**	**0.0389**	**4.0700e-003**	**1.0000e-005**	**4.0800e-003**	**0.0000**	**1.7418**	**1.7418**	**9.0000e-005**	**0.0000**	**1.7440**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7000e-003	0.0308	0.0475	7.0000e-005		1.2700e-003	1.2700e-003		1.1700e-003	1.1700e-003	0.0000	6.0523	6.0523	1.9600e-003	0.0000	6.1012
Total	**2.7000e-003**	**0.0308**	**0.0475**	**7.0000e-005**		**1.2700e-003**	**1.2700e-003**		**1.1700e-003**	**1.1700e-003**	**0.0000**	**6.0523**	**6.0523**	**1.9600e-003**	**0.0000**	**6.1012**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.2000e-003	9.9000e-004	1.0000e-005	5.9000e-003	0.0000	5.9000e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	3.3000e-004	2.2000e-004	2.2600e-003	1.0000e-005	0.0216	1.0000e-005	0.0216	2.3000e-003	1.0000e-005	2.3000e-003	0.0000	0.6815	0.6815	2.0000e-005	0.0000	0.6820
Total	**4.2000e-004**	**3.4200e-003**	**3.2500e-003**	**2.0000e-005**	**0.0275**	**1.0000e-005**	**0.0275**	**2.9400e-003**	**1.0000e-005**	**2.9400e-003**	**0.0000**	**1.7418**	**1.7418**	**9.0000e-005**	**0.0000**	**1.7440**

3.19 P11 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.3000e-003	0.0602	0.0973	1.4000e-004		2.3100e-003	2.3100e-003		2.1300e-003	2.1300e-003	0.0000	12.3952	12.3952	4.0100e-003	0.0000	12.4954
Total	**5.3000e-003**	**0.0602**	**0.0973**	**1.4000e-004**		**2.3100e-003**	**2.3100e-003**		**2.1300e-003**	**2.1300e-003**	**0.0000**	**12.3952**	**12.3952**	**4.0100e-003**	**0.0000**	**12.4954**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.4600e-003	1.9700e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1572	2.1572	1.5000e-004	0.0000	2.1609
Worker	6.4000e-004	4.1000e-004	4.3200e-003	1.0000e-005	0.0626	1.0000e-005	0.0626	6.5200e-003	1.0000e-005	6.5300e-003	0.0000	1.3406	1.3406	3.0000e-005	0.0000	1.3414
Total	**8.2000e-004**	**6.8700e-003**	**6.2900e-003**	**3.0000e-005**	**0.0796**	**2.0000e-005**	**0.0796**	**8.3200e-003**	**2.0000e-005**	**8.3400e-003**	**0.0000**	**3.4978**	**3.4978**	**1.8000e-004**	**0.0000**	**3.5023**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.3000e-003	0.0602	0.0973	1.4000e-004		2.3100e-003	2.3100e-003		2.1300e-003	2.1300e-003	0.0000	12.3951	12.3951	4.0100e-003	0.0000	12.4954
Total	**5.3000e-003**	**0.0602**	**0.0973**	**1.4000e-004**		**2.3100e-003**	**2.3100e-003**		**2.1300e-003**	**2.1300e-003**	**0.0000**	**12.3951**	**12.3951**	**4.0100e-003**	**0.0000**	**12.4954**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.4600e-003	1.9700e-003	2.0000e-005	0.0121	1.0000e-005	0.0121	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	2.1572	2.1572	1.5000e-004	0.0000	2.1609
Worker	6.4000e-004	4.1000e-004	4.3200e-003	1.0000e-005	0.0443	1.0000e-005	0.0443	4.7000e-003	1.0000e-005	4.7100e-003	0.0000	1.3406	1.3406	3.0000e-005	0.0000	1.3414
Total	**8.2000e-004**	**6.8700e-003**	**6.2900e-003**	**3.0000e-005**	**0.0564**	**2.0000e-005**	**0.0564**	**6.0100e-003**	**2.0000e-005**	**6.0300e-003**	**0.0000**	**3.4978**	**3.4978**	**1.8000e-004**	**0.0000**	**3.5023**

3.20 P11 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3247					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0101	0.0683	0.1014	1.7000e-004		3.4100e-003	3.4100e-003		3.4100e-003	3.4100e-003	0.0000	14.2982	14.2982	8.1000e-004	0.0000	14.3184
Total	**0.3348**	**0.0683**	**0.1014**	**1.7000e-004**		**3.4100e-003**	**3.4100e-003**		**3.4100e-003**	**3.4100e-003**	**0.0000**	**14.2982**	**14.2982**	**8.1000e-004**	**0.0000**	**14.3184**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.3100e-003	1.9200e-003	2.0000e-005	0.0166	1.0000e-005	0.0166	1.7600e-003	1.0000e-005	1.7700e-003	0.0000	2.1071	2.1071	1.4000e-004	0.0000	2.1106
Worker	1.2000e-004	8.0000e-005	8.4000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2619	0.2619	1.0000e-005	0.0000	0.2620
Total	**3.0000e-004**	**6.3900e-003**	**2.7600e-003**	**2.0000e-005**	**0.0288**	**1.0000e-005**	**0.0289**	**3.0300e-003**	**1.0000e-005**	**3.0500e-003**	**0.0000**	**2.3689**	**2.3689**	**1.5000e-004**	**0.0000**	**2.3727**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3247					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0101	0.0683	0.1014	1.7000e-004		3.4100e-003	3.4100e-003		3.4100e-003	3.4100e-003	0.0000	14.2982	14.2982	8.1000e-004	0.0000	14.3183
Total	**0.3348**	**0.0683**	**0.1014**	**1.7000e-004**		**3.4100e-003**	**3.4100e-003**		**3.4100e-003**	**3.4100e-003**	**0.0000**	**14.2982**	**14.2982**	**8.1000e-004**	**0.0000**	**14.3183**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.3100e-003	1.9200e-003	2.0000e-005	0.0118	1.0000e-005	0.0118	1.2800e-003	1.0000e-005	1.2900e-003	0.0000	2.1071	2.1071	1.4000e-004	0.0000	2.1106
Worker	1.2000e-004	8.0000e-005	8.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	9.2000e-004	0.0000	9.2000e-004	0.0000	0.2619	0.2619	1.0000e-005	0.0000	0.2620
Total	**3.0000e-004**	**6.3900e-003**	**2.7600e-003**	**2.0000e-005**	**0.0205**	**1.0000e-005**	**0.0205**	**2.2000e-003**	**1.0000e-005**	**2.2100e-003**	**0.0000**	**2.3689**	**2.3689**	**1.5000e-004**	**0.0000**	**2.3727**

3.21 P11 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.3500e-003	0.0267	0.0418	7.0000e-005		8.6000e-004	8.6000e-004		8.0000e-004	8.0000e-004	0.0000	5.5707	5.5707	1.7000e-003	0.0000	5.6131
Total	**2.3500e-003**	**0.0267**	**0.0418**	**7.0000e-005**		**8.6000e-004**	**8.6000e-004**		**8.0000e-004**	**8.0000e-004**	**0.0000**	**5.5707**	**5.5707**	**1.7000e-003**	**0.0000**	**5.6131**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.1600e-003	9.6000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.8000e-004	0.0000	1.0535	1.0535	7.0000e-005	0.0000	1.0553
Worker	3.1000e-004	2.0000e-004	2.1100e-003	1.0000e-005	0.0306	1.0000e-005	0.0306	3.1900e-003	1.0000e-005	3.1900e-003	0.0000	0.6547	0.6547	2.0000e-005	0.0000	0.6551
Total	**4.0000e-004**	**3.3600e-003**	**3.0700e-003**	**2.0000e-005**	**0.0389**	**1.0000e-005**	**0.0389**	**4.0700e-003**	**1.0000e-005**	**4.0700e-003**	**0.0000**	**1.7082**	**1.7082**	**9.0000e-005**	**0.0000**	**1.7104**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.3500e-003	0.0267	0.0418	7.0000e-005		8.6000e-004	8.6000e-004		8.0000e-004	8.0000e-004	0.0000	5.5707	5.5707	1.7000e-003	0.0000	5.6131
Total	**2.3500e-003**	**0.0267**	**0.0418**	**7.0000e-005**		**8.6000e-004**	**8.6000e-004**		**8.0000e-004**	**8.0000e-004**	**0.0000**	**5.5707**	**5.5707**	**1.7000e-003**	**0.0000**	**5.6131**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.1600e-003	9.6000e-004	1.0000e-005	5.9000e-003	0.0000	5.9000e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	1.0535	1.0535	7.0000e-005	0.0000	1.0553
Worker	3.1000e-004	2.0000e-004	2.1100e-003	1.0000e-005	0.0216	1.0000e-005	0.0216	2.3000e-003	1.0000e-005	2.3000e-003	0.0000	0.6547	0.6547	2.0000e-005	0.0000	0.6551
Total	**4.0000e-004**	**3.3600e-003**	**3.0700e-003**	**2.0000e-005**	**0.0275**	**1.0000e-005**	**0.0275**	**2.9400e-003**	**1.0000e-005**	**2.9400e-003**	**0.0000**	**1.7082**	**1.7082**	**9.0000e-005**	**0.0000**	**1.7104**

CalEEMod Version: CalEEMod.2016.3.1

Date: 8/22/2017 10:10 AM

Central Village Residential P7-P11

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
P10 Architectural Coating	0.02	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 1 (mo. 2-4)	0.36	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 2 (mo. 5)	0.36	-0.01	-0.05	0.00	0.40	0.36	0.00	0.00	0.00	0.00	0.00	0.00
P10 Site Preparation (mo. 1)	0.67	0.42	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P11 Architectural Coating	0.02	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 1 (mo. 2-4)	0.36	-0.01	-0.09	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 2 (mo. 5)	0.36	-0.04	-0.05	0.00	0.34	0.30	0.00	0.00	0.00	0.00	0.00	0.00
P11 Site Preparation (mo. 1)	0.68	0.42	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	0.01	0.22	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.29	0.07	-0.07	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.28	0.03	-0.04	0.00	0.46	0.42	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.63	0.44	-0.18	0.00	0.87	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	0.02	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	0.42	0.10	-0.64	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	0.36	-0.01	-0.05	0.00	0.40	0.36	0.00	0.00	0.00	0.00	0.00	0.00
P8 Site Preparation (mo. 1)	0.69	0.46	-0.19	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	0.03	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	0.43	0.10	-0.66	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	0.39	-0.01	-0.05	0.00	0.40	0.36	0.00	0.00	0.00	0.00	0.00	0.00
P9 Site Preparation (mo. 1)	0.68	0.43	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	10	10	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Graders	Diesel	Tier 4 Interim	5	5	No Change	0.00
Pumps	Diesel	Tier 4 Interim	5	5	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	10	10	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	10	10	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	5	5	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	5	5	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	5.53400E-002	3.76740E-001	5.21690E-001	8.60000E-004	2.04800E-002	2.04800E-002	0.00000E+000	7.35337E+001	7.35337E+001	4.43000E-003	0.00000E+000	7.36444E+001
Cement and Mortar Mixers	6.38000E-003	3.99500E-002	3.34600E-002	8.00000E-005	1.55000E-003	1.55000E-003	0.00000E+000	4.97230E+000	4.97230E+000	5.20000E-004	0.00000E+000	4.98520E+000
Graders	2.19900E-002	2.71850E-001	9.46000E-002	3.70000E-004	8.74000E-003	8.04000E-003	0.00000E+000	3.22749E+001	3.22749E+001	1.04400E-002	0.00000E+000	3.25359E+001
Pumps	1.87400E-002	1.57640E-001	2.06900E-001	3.70000E-004	7.95000E-003	7.95000E-003	0.00000E+000	3.13690E+001	3.13690E+001	1.50000E-003	0.00000E+000	3.14066E+001
Rough Terrain Forklifts	2.17900E-002	2.88120E-001	4.67850E-001	7.10000E-004	9.36000E-003	8.61000E-003	0.00000E+000	6.19231E+001	6.19231E+001	2.00300E-002	0.00000E+000	6.24238E+001
Skid Steer Loaders	7.18000E-003	9.55600E-002	1.50370E-001	2.20000E-004	3.32000E-003	3.06000E-003	0.00000E+000	1.97317E+001	1.97317E+001	6.38000E-003	0.00000E+000	1.98912E+001
Tractors/Loaders/Backhoes	3.28200E-002	3.19480E-001	3.38690E-001	8.10000E-004	1.37200E-002	1.26200E-002	0.00000E+000	7.15165E+001	7.15165E+001	2.31300E-002	0.00000E+000	7.20947E+001
Trenchers	1.96300E-002	1.82740E-001	1.44020E-001	1.90000E-004	1.27900E-002	1.17700E-002	0.00000E+000	1.64690E+001	1.64690E+001	5.33000E-003	0.00000E+000	1.66022E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	1.56900E-002	3.05230E-001	5.27730E-001	8.60000E-004	1.14000E-003	1.14000E-003	0.00000E+000	7.35336E+001	7.35336E+001	4.43000E-003	0.00000E+000	7.36443E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	8.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	4.97229E+000	4.97229E+000	5.20000E-004	0.00000E+000	4.98520E+000
Graders	6.00000E-003	9.68100E-002	1.95130E-001	3.70000E-004	6.00000E-004	6.00000E-004	0.00000E+000	3.22749E+001	3.22749E+001	1.04400E-002	0.00000E+000	3.25358E+001
Pumps	6.69000E-003	1.30210E-001	2.25130E-001	3.70000E-004	4.90000E-004	4.90000E-004	0.00000E+000	3.13690E+001	3.13690E+001	1.50000E-003	0.00000E+000	3.14065E+001
Rough Terrain Forklifts	1.58700E-002	3.08740E-001	5.33800E-001	7.10000E-004	1.15000E-003	1.15000E-003	0.00000E+000	6.19230E+001	6.19230E+001	2.00300E-002	0.00000E+000	6.24237E+001
Skid Steer Loaders	5.52000E-003	1.26100E-001	1.70280E-001	2.20000E-004	5.15000E-003	5.15000E-003	0.00000E+000	1.97316E+001	1.97316E+001	6.38000E-003	0.00000E+000	1.98912E+001
Tractors/Loaders/Backhoes	1.52100E-002	2.67830E-001	5.01970E-001	8.10000E-004	1.34000E-003	1.34000E-003	0.00000E+000	7.15164E+001	7.15164E+001	2.31300E-002	0.00000E+000	7.20947E+001
Trenchers	4.20000E-003	8.16900E-002	1.41250E-001	1.90000E-004	3.10000E-004	3.10000E-004	0.00000E+000	1.64690E+001	1.64690E+001	5.33000E-003	0.00000E+000	1.66021E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	7.16480E-001	1.89813E-001	-1.15778E-002	0.00000E+000	9.44336E-001	9.44336E-001	0.00000E+000	1.22393E-006	1.22393E-006	0.00000E+000	0.00000E+000	1.22209E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	2.01114E-006	2.01114E-006	0.00000E+000	0.00000E+000	0.00000E+000
Graders	7.27149E-001	6.43884E-001	-1.06268E+000	0.00000E+000	9.31350E-001	9.25373E-001	0.00000E+000	1.23935E-006	1.23935E-006	0.00000E+000	0.00000E+000	1.22941E-006
Pumps	6.43010E-001	1.74004E-001	-8.81102E-002	0.00000E+000	9.38365E-001	9.38365E-001	0.00000E+000	9.56358E-007	9.56358E-007	0.00000E+000	0.00000E+000	1.27362E-006
Rough Terrain Forklifts	2.71684E-001	-7.15674E-002	-1.40964E-001	0.00000E+000	8.77137E-001	8.66434E-001	0.00000E+000	1.13043E-006	1.13043E-006	0.00000E+000	0.00000E+000	1.12137E-006
Skid Steer Loaders	2.31198E-001	-3.19590E-001	-1.32407E-001	0.00000E+000	-5.51205E-001	-6.83007E-001	0.00000E+000	1.01360E-006	1.01360E-006	0.00000E+000	0.00000E+000	1.00547E-006
Tractors/Loaders/Backhoes	5.36563E-001	1.61669E-001	-4.82093E-001	0.00000E+000	9.02332E-001	8.93819E-001	0.00000E+000	1.11862E-006	1.11862E-006	0.00000E+000	0.00000E+000	1.24836E-006
Trenchers	7.86042E-001	5.52971E-001	1.92334E-002	0.00000E+000	9.75762E-001	9.73662E-001	0.00000E+000	1.21440E-006	1.21440E-006	0.00000E+000	0.00000E+000	1.20466E-006

Fugitive Dust Mitigation

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

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P10 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Architectural Coating	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P10 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 1 (mo. 2-4)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P10 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 2 (mo. 5)	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P10 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P10 Site Preparation (mo. 1)	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P11 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Architectural Coating	Roads	0.03	0.00	0.02	0.00	0.29	0.27
P11 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 1 (mo. 2-4)	Roads	0.12	0.01	0.08	0.01	0.29	0.28
P11 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 2 (mo. 5)	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P11 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P11 Site Preparation (mo. 1)	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P7 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	Roads	0.07	0.01	0.05	0.01	0.29	0.28
P7 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	Roads	0.46	0.05	0.32	0.03	0.29	0.28
P7 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	Roads	0.15	0.02	0.11	0.01	0.29	0.28
P7 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P7 Site Preparation (mo. 1)	Roads	0.16	0.02	0.11	0.01	0.29	0.28
P8 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	Roads	0.04	0.00	0.03	0.00	0.29	0.28
P8 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	Roads	0.10	0.01	0.07	0.01	0.29	0.28
P8 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	Roads	0.05	0.00	0.03	0.00	0.29	0.28
P8 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P8 Site Preparation (mo. 1)	Roads	0.05	0.01	0.04	0.00	0.29	0.28
P9 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	Roads	0.03	0.00	0.02	0.00	0.29	0.27
P9 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	Roads	0.09	0.01	0.06	0.01	0.29	0.28
P9 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.02	0.00	0.29	0.28
P9 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P9 Site Preparation (mo. 1)	Roads	0.03	0.00	0.02	0.00	0.29	0.28

Operational Percent Reduction Summary

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

Operational Mobile Mitigation

Project Setting:

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

Area Mitigation

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

Energy Mitigation Measures

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

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

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Proctor Valley EIR - Central Village Residential (P6-11)	--	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-Nov-20	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		

CalEEMod Input Sheet
Project Characteristics

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

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
P6 Site Preparation (mo. 1)	Site Preparation	05/01/2024	05/31/2024	5	23
P6 Building Construction 1 (mo. 2-4)	Building Construction	06/01/2024	08/31/2024	5	65
P6 Architectural Coating	Architectural Coating	07/01/2024	08/31/2024	5	45
P6 Paving	Paving	09/01/2024	09/30/2024	5	22
P6 Building Construction 2 (mo. 5)	Building Construction	09/01/2024	09/30/2024	5	21
P7 Site Preparation (mo. 1)	Site Preparation	10/01/2024	10/31/2024	5	23
P7 Building Construction 1 (mo. 2-4)	Building Construction	11/01/2024	01/31/2025	5	66
P7 Architectural Coating	Architectural Coating	12/01/2024	01/31/2025	5	45
P7 Paving	Paving	02/01/2025	02/28/2025	5	21
P7 Building Construction 2 (mo. 5)	Building Construction	02/01/2025	02/28/2025	5	20
P8 Paving	Paving	07/01/2025	07/31/2025	5	20
P8 Site Preparation (mo. 1)	Site Preparation	03/01/2025	03/31/2025	5	21
P8 Building Construction 1 (mo. 2-4)	Building Construction	04/01/2025	06/30/2025	5	65
P8 Architectural Coating	Architectural Coating	05/01/2025	06/30/2025	5	43
P8 Building Construction 2 (mo. 5)	Building Construction	07/01/2025	07/31/2025	5	23
P9 Paving	Paving	12/01/2025	12/31/2025	5	23
P9 Site Preparation (mo. 1)	Site Preparation	08/01/2025	08/31/2025	5	21
P9 Building Construction 1 (mo. 2-4)	Building Construction	09/01/2025	11/30/2025	5	65
P9 Architectural Coating	Architectural Coating	10/01/2025	11/30/2025	5	43
P9 Building Construction 2 (mo. 5)	Building Construction	12/01/2025	12/31/2025	5	23
P10 Paving	Paving	12/01/2025	12/31/2025	5	23
P11 Paving	Paving	12/01/2025	12/31/2025	5	23
P10 Site Preparation (mo. 1)	Site Preparation	01/01/2026	01/31/2026	5	22
P11 Site Preparation (mo. 1)	Site Preparation	01/01/2026	01/31/2026	5	22
P10 Building Construction 1 (mo. 2-4)	Building Construction	02/01/2026	04/30/2026	5	64
P11 Building Construction 1 (mo. 2-4)	Building Construction	02/01/2026	04/30/2026	5	64
P10 Architectural Coating	Architectural Coating	03/01/2026	04/30/2026	5	44
P11 Architectural Coating	Architectural Coating	03/01/2026	04/30/2026	5	44
P10 Building Construction 2 (mo. 5)	Building Construction	05/01/2026	05/31/2026	5	21
P11 Building Construction 2 (mo. 5)	Building Construction	05/01/2026	05/31/2026	5	21

CalEEMod Input Sheet
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 Paving	default				
All Phases Architectural Coating	Air Compressor	2			

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Export Phased?**	**Mean Vehicle Speed (mph)**	**Total Acres Graded**	**Material Moisture Content (%) Bulldozing**	**Material Silt Content**
Site Prep	default						
Grading							
Notes: Soil movement included in Central Village Residential (1-5)							

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 Paving									
All Phases Architectural Coating									

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)**
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)**
P6 Architectural Coating	50	500,103	100	166,701	N/A	0	N/A	0	N/A	default
P7 Architectural Coating	50	320,066	100	106,689	N/A	0	N/A	0	N/A	
P8 Architectural Coating	50	320,066	100	106,689	N/A	0	N/A	0	N/A	
P9 Architectural Coating	50	320,066	100	106,689	N/A	0	N/A	0	N/A	
P10 Architectural Coating	50	150,030	100	50,010	N/A	0	N/A	0	N/A	
P11 Architectural Coating	50	150,030	100	50,010	N/A	0	N/A	0	N/A	

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

CalEEMod Input Sheet
Construction Mitigation

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

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

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 12:52 PM

Central Village Non-Residential 1-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	14,420.00	3

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

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

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

Construction Off-road Equipment Mitigation - --

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	9734	0
tblAreaCoating	Area_Residential_Interior	29201	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	43.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstructionPhase	NumDays	0.00	2.00
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tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	20.00

tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	6.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-14
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-19
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-20
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	0.00	0.50
tblGrading	AcresOfGrading	2.50	1.00
tblGrading	AcresOfGrading	4.50	41.50
tblGrading	AcresOfGrading	1.50	10.00
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tblLandUse	LandUseSquareFeet	0.00	14,420.00
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tblOffRoadEquipment	PhaseName		Park 1- Landscaping
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tblProjectCharacteristics	OperationalYear	2018	2023
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					
2019	0.0300	0.2345	0.1983	3.1000e-004	0.0857	0.0142	0.0999	0.0175	0.0133	0.0308	0.0000	27.1653	27.1653	6.6200e-003	0.0000	27.3308
2020	8.7100e-003	0.0653	0.0655	1.0000e-004	0.0235	3.8300e-003	0.0273	2.4600e-003	3.6100e-003	6.0700e-003	0.0000	8.7589	8.7589	2.0200e-003	0.0000	8.8094
2021	0.3224	2.9829	2.8077	4.8300e-003	1.0353	0.1566	1.1919	0.1392	0.1467	0.2859	0.0000	419.7402	419.7402	0.1003	0.0000	422.2469
2022	0.4646	2.2640	2.3637	4.1700e-003	0.9307	0.1131	1.0438	0.1134	0.1066	0.2200	0.0000	363.1098	363.1098	0.0788	0.0000	365.0806
2023	0.1183	0.8883	1.0027	1.8600e-003	0.5257	0.0403	0.5659	0.1396	0.0374	0.1769	0.0000	164.8356	164.8356	0.0434	0.0000	165.9208
Maximum	**0.4646**	**2.9829**	**2.8077**	**4.8300e-003**	**1.0353**	**0.1566**	**1.1919**	**0.1396**	**0.1467**	**0.2859**	**0.0000**	**419.7402**	**419.7402**	**0.1003**	**0.0000**	**422.2469**

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					
2019	6.5600e-003	0.1451	0.1901	3.1000e-004	0.0371	1.8600e-003	0.0390	7.4100e-003	1.8500e-003	9.2600e-003	0.0000	27.1653	27.1653	6.6200e-003	0.0000	27.3307
2020	2.1400e-003	0.0499	0.0627	1.0000e-004	0.0105	6.8000e-004	0.0111	1.1600e-003	6.8000e-004	1.8400e-003	0.0000	8.7588	8.7588	2.0200e-003	0.0000	8.8094
2021	0.0976	1.9013	3.0423	4.8300e-003	0.4551	0.0153	0.4704	0.0621	0.0153	0.0774	0.0000	419.7397	419.7397	0.1003	0.0000	422.2465
2022	0.3131	1.6247	2.5760	4.1700e-003	0.4119	0.0189	0.4308	0.0517	0.0189	0.0706	0.0000	363.1094	363.1094	0.0788	0.0000	365.0802
2023	0.0677	0.7337	1.1742	1.8600e-003	0.2237	8.5700e-003	0.2322	0.0574	8.5600e-003	0.0659	0.0000	164.8355	164.8355	0.0434	0.0000	165.9206
Maximum	**0.3131**	**1.9013**	**3.0423**	**4.8300e-003**	**0.4551**	**0.0189**	**0.4704**	**0.0621**	**0.0189**	**0.0774**	**0.0000**	**419.7397**	**419.7397**	**0.1003**	**0.0000**	**422.2465**

	ROG	NOx	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	**48.40**	**30.78**	**-9.44**	**0.00**	**56.24**	**86.18**	**59.59**	**56.40**	**85.28**	**68.74**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**7-1-2021**	**9-30-2021**	1.4945	0.8568
2	**10-1-2021**	**12-31-2021**	1.3511	0.8368
3	**1-1-2022**	**3-31-2022**	1.0533	0.6802
4	**4-1-2022**	**6-30-2022**	1.2398	0.8238
5	**7-1-2022**	**9-30-2022**	0.0408	0.0271
6	**10-1-2022**	**12-31-2022**	0.3860	0.3860
7	**1-1-2023**	**3-31-2023**	0.3191	0.3011
9	**7-1-2023**	**9-30-2023**	0.1992	0.1898
		Highest	1.4945	0.8568

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	Park 1- Site Preparation	Site Preparation	10/1/2019	10/2/2019	5	2	
2	Park 1- Grading	Grading	10/3/2019	10/7/2019	5	3	
3	Park 1- Building Construction	Building Construction	10/8/2019	2/3/2020	5	85	
4	Park 1- Landscaping	Site Preparation	2/1/2021	2/28/2021	5	20	
5	Park 1- Paving	Paving	3/1/2021	3/31/2021	5	23	
6	Commercial 1- Site Preparation	Site Preparation	6/1/2021	6/2/2021	5	2	
7	Commercial 1- Grading	Grading	6/3/2021	6/9/2021	5	5	
8	Commercial 1- Building	Building Construction	6/10/2021	11/30/2021	5	124	
9	School - Landscaping	Site Preparation	7/1/2021	7/8/2021	5	6	
10	School - Grading	Grading	7/9/2021	7/21/2021	5	9	
11	School - Building Construction	Building Construction	7/22/2021	7/2/2022	5	247	
12	Park 4- Site Preparation	Site Preparation	9/1/2021	9/2/2021	5	2	
13	Park 4- Grading	Grading	9/3/2021	9/7/2021	5	3	
14	Park 4- Building Construction	Building Construction	9/8/2021	1/3/2022	5	84	
15	Fire Station Site Preparation	Site Preparation	2/1/2022	2/3/2022	5	3	
16	Fire Station Grading	Grading	2/4/2022	2/9/2022	5	4	
17	Fire Station Building	Building Construction	2/10/2022	7/4/2022	5	103	
18	Commercial 1 - Architectural	Architectural Coating	10/1/2022	11/30/2022	5	43	
19	Park 4- Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
20	Commercial 1- Landscaping	Site Preparation	12/1/2022	12/31/2022	5	22	
21	Park 1 - Architectural Coating	Architectural Coating	12/1/2022	1/31/2023	5	44	
22	School -Architectural Coating	Architectural Coating	12/1/2022	1/31/2023	5	44	
23	Park 4- Landscaping	Site Preparation	1/1/2023	1/31/2023	5	22	
24	Commercial 1- Paving	Paving	1/1/2023	1/31/2023	5	22	
25	Park 4- Paving	Paving	2/1/2023	2/28/2023	5	20	
26	School - Site Prep	Site Preparation	7/1/2023	7/31/2023	5	21	
27	School - Paving	Paving	7/1/2023	7/31/2023	5	21	
28	Fire Station - Architectural	Architectural Coating	8/1/2023	9/30/2023	5	44	
29	Fire Station Landscaping	Site Preparation	11/1/2023	11/30/2023	5	22	
30	Fire Station Paving	Paving	12/1/2023	12/31/2023	5	21	

Acres of Grading (Site Preparation Phase): 0
Acres of Grading (Grading Phase): 0
Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 90,000; Non-Residential Outdoor: 30,000; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 1- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Park 1- Paving	Paving Equipment	2	8.00	132	0.36
Park 1- Paving	Pavers	2	8.00	130	0.42
Park 1- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Park 1- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Park 1- Building Construction	Forklifts	1	8.00	89	0.20
Park 1- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 1- Building Construction	Welders	1	8.00	46	0.45
Park 1 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Commercial 1- Site Preparation	Rollers	3	8.00	80	0.38
Commercial 1- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Commercial 1- Grading	Excavators	1	8.00	158	0.38
Commercial 1- Grading	Graders	1	8.00	187	0.41
Commercial 1- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Commercial 1- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 1- Paving	Rollers	2	8.00	80	0.38
School - Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
School - Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Commercial 1- Building Construction	Cranes	1	8.00	231	0.29
Commercial 1- Building Construction	Forklifts	3	8.00	89	0.20
Commercial 1- Building Construction	Generator Sets	1	8.00	84	0.74
Commercial 1- Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Commercial 1- Building Construction	Welders	1	8.00	46	0.45
School - Grading	Excavators	1	8.00	158	0.38

School - Grading	Graders	1	8.00	187	0.41
School - Grading	Rubber Tired Dozers	1	8.00	247	0.40
School - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
School - Building Construction	Cranes	1	8.00	231	0.29
School - Building Construction	Forklifts	3	8.00	89	0.20
School - Building Construction	Generator Sets	1	8.00	84	0.74
School - Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
School - Building Construction	Welders	1	8.00	46	0.45
Park 4- Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Park 4- Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Park 4- Grading	Excavators	1	8.00	158	0.38
Park 4- Grading	Graders	1	8.00	187	0.41
Park 4- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Park 4- Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Park 4- Building Construction	Forklifts	1	8.00	89	0.20
Park 4- Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park 4- Building Construction	Welders	1	8.00	46	0.45
Commercial 1 - Architectural Coating	Air Compressors	1	8.00	78	0.48
Park 4- Architectural Coating	Air Compressors	1	8.00	78	0.48
School - Landscaping	Skid Steer Loaders	2	8.00	65	0.37
School - Paving	Pavers	2	8.00	130	0.42
School - Paving	Paving Equipment	2	8.00	132	0.36
School - Paving	Rollers	2	8.00	80	0.38
Fire Station - Architectural Coating	Air Compressors	1	8.00	78	0.48
Fire Station Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Fire Station Paving	Pavers	2	8.00	130	0.42
Fire Station Paving	Paving Equipment	2	8.00	132	0.36
Fire Station Paving	Rollers	2	8.00	80	0.38
School -Architectural Coating	Air Compressors	1	8.00	78	0.48

Commercial 1- Paving	Pavers	2	8.00	130	0.42
Commercial 1- Paving	Paving Equipment	2	8.00	132	0.36
Commercial 1- Paving	Rollers	2	8.00	80	0.38
Park 4- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Commercial 1- Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Park 4- Paving	Pavers	2	8.00	130	0.42
Park 4- Paving	Paving Equipment	2	8.00	132	0.36
Park 4- Paving	Rollers	2	8.00	80	0.38
Fire Station Site Preparation	Pavers	2	8.00	130	0.42
Fire Station Site Preparation	Paving Equipment	2	8.00	132	0.36
Fire Station Site Preparation	Rollers	2	8.00	80	0.38
Fire Station Grading	Rubber Tired Dozers	3	8.00	247	0.40
Fire Station Grading	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Fire Station Building Construction	Cranes	1	8.00	231	0.29
Fire Station Building Construction	Forklifts	3	8.00	89	0.20
Fire Station Building Construction	Generator Sets	1	8.00	84	0.74
Fire Station Building Construction	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Fire Station Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Park 1- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Grading	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 1- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Building Construction	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Building Construction	0	32.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Site Preparation	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Grading	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Site Preparation	0	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Grading	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Building Construction	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1 - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Park 1 - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School -Architectural Coating	0	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 1- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Park 4- Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Site Prep	0	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
School - Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station - Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Fire Station Paving	0	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Park 1- Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	9.9300e-003	0.0000	9.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3400e-003	0.0456	0.0221	4.0000e-005		2.3900e-003	2.3900e-003		2.2000e-003	2.2000e-003	0.0000	3.4169	3.4169	1.0800e-003	0.0000	3.4439
Total	**4.3400e-003**	**0.0456**	**0.0221**	**4.0000e-005**	**0.0181**	**2.3900e-003**	**0.0205**	**9.9300e-003**	**2.2000e-003**	**0.0121**	**0.0000**	**3.4169**	**3.4169**	**1.0800e-003**	**0.0000**	**3.4439**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.0000e-004	1.3000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1063	0.1063	1.0000e-005	0.0000	0.1065
Worker	4.0000e-005	3.0000e-005	2.9000e-004	0.0000	2.9100e-003	0.0000	2.9100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.0749	0.0749	0.0000	0.0000	0.0749
Total	**6.0000e-005**	**5.3000e-004**	**4.2000e-004**	**0.0000**	**3.7000e-003**	**0.0000**	**3.7000e-003**	**3.8000e-004**	**0.0000**	**3.9000e-004**	**0.0000**	**0.1811**	**0.1811**	**1.0000e-005**	**0.0000**	**0.1814**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0500e-003	0.0000	7.0500e-003	3.8700e-003	0.0000	3.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-004	0.0122	0.0230	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.4169	3.4169	1.0800e-003	0.0000	3.4439
Total	**7.0000e-004**	**0.0122**	**0.0230**	**4.0000e-005**	**7.0500e-003**	**6.0000e-005**	**7.1100e-003**	**3.8700e-003**	**6.0000e-005**	**3.9300e-003**	**0.0000**	**3.4169**	**3.4169**	**1.0800e-003**	**0.0000**	**3.4439**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.0000e-004	1.3000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1063	0.1063	1.0000e-005	0.0000	0.1065
Worker	4.0000e-005	3.0000e-005	2.9000e-004	0.0000	1.2900e-003	0.0000	1.2900e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0749	0.0749	0.0000	0.0000	0.0749
Total	**6.0000e-005**	**5.3000e-004**	**4.2000e-004**	**0.0000**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.1811**	**0.1811**	**1.0000e-005**	**0.0000**	**0.1814**

3.3 Park 1- Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3900e-003	0.0000	1.3900e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.4000e-004	7.5200e-003	5.9800e-003	1.0000e-005		4.6000e-004	4.6000e-004		4.2000e-004	4.2000e-004	0.0000	0.7716	0.7716	2.4000e-004	0.0000	0.7777
Total	**7.4000e-004**	**7.5200e-003**	**5.9800e-003**	**1.0000e-005**	**1.3900e-003**	**4.6000e-004**	**1.8500e-003**	**6.5000e-004**	**4.2000e-004**	**1.0700e-003**	**0.0000**	**0.7716**	**0.7716**	**2.4000e-004**	**0.0000**	**0.7777**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	7.5000e-004	2.0000e-004	0.0000	1.1900e-003	1.0000e-005	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.1594	0.1594	1.0000e-005	0.0000	0.1597
Worker	2.0000e-005	2.0000e-005	1.8000e-004	0.0000	1.7500e-003	0.0000	1.7500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0449	0.0449	0.0000	0.0000	0.0450
Total	**5.0000e-005**	**7.7000e-004**	**3.8000e-004**	**0.0000**	**2.9400e-003**	**1.0000e-005**	**2.9400e-003**	**3.1000e-004**	**0.0000**	**3.1000e-004**	**0.0000**	**0.2043**	**0.2043**	**1.0000e-005**	**0.0000**	**0.2047**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.4000e-004	0.0000	5.4000e-004	2.5000e-004	0.0000	2.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	3.4700e-003	6.1200e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.7716	0.7716	2.4000e-004	0.0000	0.7777
Total	**1.8000e-004**	**3.4700e-003**	**6.1200e-003**	**1.0000e-005**	**5.4000e-004**	**1.0000e-005**	**5.5000e-004**	**2.5000e-004**	**1.0000e-005**	**2.6000e-004**	**0.0000**	**0.7716**	**0.7716**	**2.4000e-004**	**0.0000**	**0.7777**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	7.5000e-004	2.0000e-004	0.0000	5.3000e-004	1.0000e-005	5.4000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.1594	0.1594	1.0000e-005	0.0000	0.1597
Worker	2.0000e-005	2.0000e-005	1.8000e-004	0.0000	7.8000e-004	0.0000	7.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0449	0.0449	0.0000	0.0000	0.0450
Total	**5.0000e-005**	**7.7000e-004**	**3.8000e-004**	**0.0000**	**1.3100e-003**	**1.0000e-005**	**1.3200e-003**	**1.5000e-004**	**0.0000**	**1.6000e-004**	**0.0000**	**0.2043**	**0.2043**	**1.0000e-005**	**0.0000**	**0.2047**

3.4 Park 1- Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0237	0.1644	0.1618	2.2000e-004		0.0112	0.0112		0.0105	0.0105	0.0000	18.4371	18.4371	4.9800e-003	0.0000	18.5615
Total	**0.0237**	**0.1644**	**0.1618**	**2.2000e-004**		**0.0112**	**0.0112**		**0.0105**	**0.0105**	**0.0000**	**18.4371**	**18.4371**	**4.9800e-003**	**0.0000**	**18.5615**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7000e-004	0.0153	4.1100e-003	3.0000e-005	0.0241	1.1000e-004	0.0243	2.5600e-003	1.0000e-004	2.6600e-003	0.0000	3.2413	3.2413	2.6000e-004	0.0000	3.2478
Worker	4.8000e-004	3.7000e-004	3.5700e-003	1.0000e-005	0.0355	1.0000e-005	0.0355	3.7000e-003	1.0000e-005	3.7100e-003	0.0000	0.9132	0.9132	3.0000e-005	0.0000	0.9139
Total	**1.0500e-003**	**0.0157**	**7.6800e-003**	**4.0000e-005**	**0.0596**	**1.2000e-004**	**0.0598**	**6.2600e-003**	**1.1000e-004**	**6.3700e-003**	**0.0000**	**4.1544**	**4.1544**	**2.9000e-004**	**0.0000**	**4.1617**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.5100e-003	0.1125	0.1525	2.2000e-004		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	18.4370	18.4370	4.9800e-003	0.0000	18.5614
Total	**4.5100e-003**	**0.1125**	**0.1525**	**2.2000e-004**		**1.6600e-003**	**1.6600e-003**		**1.6600e-003**	**1.6600e-003**	**0.0000**	**18.4370**	**18.4370**	**4.9800e-003**	**0.0000**	**18.5614**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.7000e-004	0.0153	4.1100e-003	3.0000e-005	0.0108	1.1000e-004	0.0109	1.2300e-003	1.0000e-004	1.3300e-003	0.0000	3.2413	3.2413	2.6000e-004	0.0000	3.2478
Worker	4.8000e-004	3.7000e-004	3.5700e-003	1.0000e-005	0.0158	1.0000e-005	0.0158	1.7300e-003	1.0000e-005	1.7400e-003	0.0000	0.9132	0.9132	3.0000e-005	0.0000	0.9139
Total	**1.0500e-003**	**0.0157**	**7.6800e-003**	**4.0000e-005**	**0.0266**	**1.2000e-004**	**0.0267**	**2.9600e-003**	**1.1000e-004**	**3.0700e-003**	**0.0000**	**4.1544**	**4.1544**	**2.9000e-004**	**0.0000**	**4.1617**

3.4 Park 1- Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.3500e-003	0.0597	0.0627	9.0000e-005		3.8000e-003	3.8000e-003		3.5800e-003	3.5800e-003	0.0000	7.1444	7.1444	1.9100e-003	0.0000	7.1922
Total	**8.3500e-003**	**0.0597**	**0.0627**	**9.0000e-005**		**3.8000e-003**	**3.8000e-003**		**3.5800e-003**	**3.5800e-003**	**0.0000**	**7.1444**	**7.1444**	**1.9100e-003**	**0.0000**	**7.1922**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.4700e-003	1.4500e-003	1.0000e-005	9.5000e-003	3.0000e-005	9.5200e-003	1.0100e-003	3.0000e-005	1.0300e-003	0.0000	1.2665	1.2665	1.0000e-004	0.0000	1.2690
Worker	1.8000e-004	1.3000e-004	1.2800e-003	0.0000	0.0140	0.0000	0.0140	1.4600e-003	0.0000	1.4600e-003	0.0000	0.3479	0.3479	1.0000e-005	0.0000	0.3482
Total	**3.6000e-004**	**5.6000e-003**	**2.7300e-003**	**1.0000e-005**	**0.0235**	**3.0000e-005**	**0.0235**	**2.4700e-003**	**3.0000e-005**	**2.4900e-003**	**0.0000**	**1.6145**	**1.6145**	**1.1000e-004**	**0.0000**	**1.6172**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7800e-003	0.0443	0.0600	9.0000e-005		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004	0.0000	7.1444	7.1444	1.9100e-003	0.0000	7.1922
Total	**1.7800e-003**	**0.0443**	**0.0600**	**9.0000e-005**		**6.5000e-004**	**6.5000e-004**		**6.5000e-004**	**6.5000e-004**	**0.0000**	**7.1444**	**7.1444**	**1.9100e-003**	**0.0000**	**7.1922**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.4700e-003	1.4500e-003	1.0000e-005	4.2500e-003	3.0000e-005	4.2800e-003	4.8000e-004	3.0000e-005	5.1000e-004	0.0000	1.2665	1.2665	1.0000e-004	0.0000	1.2690
Worker	1.8000e-004	1.3000e-004	1.2800e-003	0.0000	6.2000e-003	0.0000	6.2000e-003	6.8000e-004	0.0000	6.8000e-004	0.0000	0.3479	0.3479	1.0000e-005	0.0000	0.3482
Total	**3.6000e-004**	**5.6000e-003**	**2.7300e-003**	**1.0000e-005**	**0.0105**	**3.0000e-005**	**0.0105**	**1.1600e-003**	**3.0000e-005**	**1.1900e-003**	**0.0000**	**1.6145**	**1.6145**	**1.1000e-004**	**0.0000**	**1.6172**

3.5 Park 1- Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.5100e-003	0.0201	0.0278	4.0000e-005		8.2000e-004	8.2000e-004		7.5000e-004	7.5000e-004	0.0000	3.6323	3.6323	1.1700e-003	0.0000	3.6617
Total	**1.5100e-003**	**0.0201**	**0.0278**	**4.0000e-005**	**0.0000**	**8.2000e-004**	**8.2000e-004**	**0.0000**	**7.5000e-004**	**7.5000e-004**	**0.0000**	**3.6323**	**3.6323**	**1.1700e-003**	**0.0000**	**3.6617**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1100e-003	1.1000e-003	1.0000e-005	7.9100e-003	1.0000e-005	7.9200e-003	8.4000e-004	1.0000e-005	8.5000e-004	0.0000	1.0458	1.0458	8.0000e-005	0.0000	1.0477
Worker	1.4000e-004	1.0000e-004	1.0000e-003	0.0000	0.0116	0.0000	0.0116	1.2100e-003	0.0000	1.2200e-003	0.0000	0.2802	0.2802	1.0000e-005	0.0000	0.2804
Total	**2.6000e-004**	**4.2100e-003**	**2.1000e-003**	**1.0000e-005**	**0.0196**	**1.0000e-005**	**0.0196**	**2.0500e-003**	**1.0000e-005**	**2.0700e-003**	**0.0000**	**1.3260**	**1.3260**	**9.0000e-005**	**0.0000**	**1.3281**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0200e-003	0.0232	0.0314	4.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	3.6323	3.6323	1.1700e-003	0.0000	3.6617
Total	**1.0200e-003**	**0.0232**	**0.0314**	**4.0000e-005**	**0.0000**	**9.5000e-004**	**9.5000e-004**	**0.0000**	**9.5000e-004**	**9.5000e-004**	**0.0000**	**3.6323**	**3.6323**	**1.1700e-003**	**0.0000**	**3.6617**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1100e-003	1.1000e-003	1.0000e-005	3.5400e-003	1.0000e-005	3.5500e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.0458	1.0458	8.0000e-005	0.0000	1.0477
Worker	1.4000e-004	1.0000e-004	1.0000e-003	0.0000	5.1700e-003	0.0000	5.1700e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.2802	0.2802	1.0000e-005	0.0000	0.2804
Total	**2.6000e-004**	**4.2100e-003**	**2.1000e-003**	**1.0000e-005**	**8.7100e-003**	**1.0000e-005**	**8.7200e-003**	**9.7000e-004**	**1.0000e-005**	**9.8000e-004**	**0.0000**	**1.3260**	**1.3260**	**9.0000e-005**	**0.0000**	**1.3281**

3.6 Park 1- Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0144	0.1486	0.1685	2.6000e-004		7.7900e-003	7.7900e-003		7.1700e-003	7.1700e-003	0.0000	23.0270	23.0270	7.4500e-003	0.0000	23.2132
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0144**	**0.1486**	**0.1685**	**2.6000e-004**		**7.7900e-003**	**7.7900e-003**		**7.1700e-003**	**7.1700e-003**	**0.0000**	**23.0270**	**23.0270**	**7.4500e-003**	**0.0000**	**23.2132**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6000e-004	0.0118	3.1500e-003	3.0000e-005	0.0228	3.0000e-005	0.0228	2.4100e-003	2.0000e-005	2.4400e-003	0.0000	3.0066	3.0066	2.2000e-004	0.0000	3.0121
Worker	3.2000e-004	2.3000e-004	2.3000e-003	1.0000e-005	0.0268	1.0000e-005	0.0268	2.7900e-003	0.0000	2.8000e-003	0.0000	0.6445	0.6445	2.0000e-005	0.0000	0.6449
Total	**6.8000e-004**	**0.0121**	**5.4500e-003**	**4.0000e-005**	**0.0495**	**4.0000e-005**	**0.0496**	**5.2000e-003**	**2.0000e-005**	**5.2400e-003**	**0.0000**	**3.6510**	**3.6510**	**2.4000e-004**	**0.0000**	**3.6571**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0270	23.0270	7.4500e-003	0.0000	23.2132
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8400e-003**	**0.1155**	**0.1989**	**2.6000e-004**		**4.3000e-004**	**4.3000e-004**		**4.3000e-004**	**4.3000e-004**	**0.0000**	**23.0270**	**23.0270**	**7.4500e-003**	**0.0000**	**23.2132**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.6000e-004	0.0118	3.1500e-003	3.0000e-005	0.0102	3.0000e-005	0.0102	1.1600e-003	2.0000e-005	1.1800e-003	0.0000	3.0066	3.0066	2.2000e-004	0.0000	3.0121
Worker	3.2000e-004	2.3000e-004	2.3000e-003	1.0000e-005	0.0119	1.0000e-005	0.0119	1.3100e-003	0.0000	1.3100e-003	0.0000	0.6445	0.6445	2.0000e-005	0.0000	0.6449
Total	**6.8000e-004**	**0.0121**	**5.4500e-003**	**4.0000e-005**	**0.0221**	**4.0000e-005**	**0.0221**	**2.4700e-003**	**2.0000e-005**	**2.4900e-003**	**0.0000**	**3.6510**	**3.6510**	**2.4000e-004**	**0.0000**	**3.6571**

3.7 Commercial 1- Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.3200e-003	0.0134	0.0147	2.0000e-005		8.0000e-004	8.0000e-004		7.4000e-004	7.4000e-004	0.0000	1.7834	1.7834	5.8000e-004	0.0000	1.7978
Total	**1.3200e-003**	**0.0134**	**0.0147**	**2.0000e-005**	**0.0000**	**8.0000e-004**	**8.0000e-004**	**0.0000**	**7.4000e-004**	**7.4000e-004**	**0.0000**	**1.7834**	**1.7834**	**5.8000e-004**	**0.0000**	**1.7978**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1000e-004	1.1000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1046	0.1046	1.0000e-005	0.0000	0.1048
Worker	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	2.9100e-003	0.0000	2.9100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701
Total	**4.0000e-005**	**4.3000e-004**	**3.6000e-004**	**0.0000**	**3.7000e-003**	**0.0000**	**3.7000e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.1746**	**0.1746**	**1.0000e-005**	**0.0000**	**0.1749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.6000e-004	8.8600e-003	0.0153	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.7834	1.7834	5.8000e-004	0.0000	1.7978
Total	**4.6000e-004**	**8.8600e-003**	**0.0153**	**2.0000e-005**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**3.0000e-005**	**0.0000**	**1.7834**	**1.7834**	**5.8000e-004**	**0.0000**	**1.7978**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1000e-004	1.1000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1046	0.1046	1.0000e-005	0.0000	0.1048
Worker	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	1.2900e-003	0.0000	1.2900e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701
Total	**4.0000e-005**	**4.3000e-004**	**3.6000e-004**	**0.0000**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.1746**	**0.1746**	**1.0000e-005**	**0.0000**	**0.1749**

3.8 Commercial 1- Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0156	0.0000	0.0156	8.3300e-003	0.0000	8.3300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7300e-003	0.0618	0.0396	7.0000e-005		2.9000e-003	2.9000e-003		2.6700e-003	2.6700e-003	0.0000	6.5134	6.5134	2.1100e-003	0.0000	6.5661
Total	**5.7300e-003**	**0.0618**	**0.0396**	**7.0000e-005**	**0.0156**	**2.9000e-003**	**0.0185**	**8.3300e-003**	**2.6700e-003**	**0.0110**	**0.0000**	**6.5134**	**6.5134**	**2.1100e-003**	**0.0000**	**6.5661**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	1.0300e-003	2.7000e-004	0.0000	1.9800e-003	0.0000	1.9800e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.2614	0.2614	2.0000e-005	0.0000	0.2619
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	5.8200e-003	0.0000	5.8200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.1401	0.1401	0.0000	0.0000	0.1402
Total	**1.0000e-004**	**1.0800e-003**	**7.7000e-004**	**0.0000**	**7.8000e-003**	**0.0000**	**7.8000e-003**	**8.2000e-004**	**0.0000**	**8.2000e-004**	**0.0000**	**0.4015**	**0.4015**	**2.0000e-005**	**0.0000**	**0.4021**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0800e-003	0.0000	6.0800e-003	3.2500e-003	0.0000	3.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3000e-003	0.0258	0.0475	7.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	6.5134	6.5134	2.1100e-003	0.0000	6.5661
Total	**1.3000e-003**	**0.0258**	**0.0475**	**7.0000e-005**	**6.0800e-003**	**1.2000e-004**	**6.2000e-003**	**3.2500e-003**	**1.2000e-004**	**3.3700e-003**	**0.0000**	**6.5134**	**6.5134**	**2.1100e-003**	**0.0000**	**6.5661**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	1.0300e-003	2.7000e-004	0.0000	8.9000e-004	0.0000	8.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2614	0.2614	2.0000e-005	0.0000	0.2619
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	2.5800e-003	0.0000	2.5800e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1401	0.1401	0.0000	0.0000	0.1402
Total	**1.0000e-004**	**1.0800e-003**	**7.7000e-004**	**0.0000**	**3.4700e-003**	**0.0000**	**3.4700e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.4015**	**0.4015**	**2.0000e-005**	**0.0000**	**0.4021**

3.9 Commercial 1- Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1254	1.1625	1.0956	1.7900e-003		0.0636	0.0636		0.0597	0.0597	0.0000	153.8900	153.8900	0.0380	0.0000	154.8393
Total	**0.1254**	**1.1625**	**1.0956**	**1.7900e-003**		**0.0636**	**0.0636**		**0.0597**	**0.0597**	**0.0000**	**153.8900**	**153.8900**	**0.0380**	**0.0000**	**154.8393**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.7000e-004	0.0255	6.8000e-003	7.0000e-005	0.0491	5.0000e-005	0.0491	5.2000e-003	5.0000e-005	5.2600e-003	0.0000	6.4837	6.4837	4.8000e-004	0.0000	6.4957
Worker	1.2900e-003	9.2000e-004	9.2900e-003	3.0000e-005	0.1082	2.0000e-005	0.1083	0.0113	2.0000e-005	0.0113	0.0000	2.6059	2.6059	7.0000e-005	0.0000	2.6078
Total	**2.0600e-003**	**0.0264**	**0.0161**	**1.0000e-004**	**0.1573**	**7.0000e-005**	**0.1574**	**0.0165**	**7.0000e-005**	**0.0166**	**0.0000**	**9.0897**	**9.0897**	**5.5000e-004**	**0.0000**	**9.1036**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0354	0.7199	1.1864	1.7900e-003		5.4400e-003	5.4400e-003		5.4400e-003	5.4400e-003	0.0000	153.8898	153.8898	0.0380	0.0000	154.8391
Total	**0.0354**	**0.7199**	**1.1864**	**1.7900e-003**		**5.4400e-003**	**5.4400e-003**		**5.4400e-003**	**5.4400e-003**	**0.0000**	**153.8898**	**153.8898**	**0.0380**	**0.0000**	**154.8391**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.7000e-004	0.0255	6.8000e-003	7.0000e-005	0.0220	5.0000e-005	0.0220	2.5000e-003	5.0000e-005	2.5500e-003	0.0000	6.4837	6.4837	4.8000e-004	0.0000	6.4957
Worker	1.2900e-003	9.2000e-004	9.2900e-003	3.0000e-005	0.0481	2.0000e-005	0.0481	5.2800e-003	2.0000e-005	5.3000e-003	0.0000	2.6059	2.6059	7.0000e-005	0.0000	2.6078
Total	**2.0600e-003**	**0.0264**	**0.0161**	**1.0000e-004**	**0.0700**	**7.0000e-005**	**0.0701**	**7.7800e-003**	**7.0000e-005**	**7.8500e-003**	**0.0000**	**9.0897**	**9.0897**	**5.5000e-004**	**0.0000**	**9.1036**

3.10 School - Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	4.5000e-004	6.0200e-003	8.3400e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.3000e-004	2.3000e-004	0.0000	1.0897	1.0897	3.5000e-004	0.0000	1.0985
Total	**4.5000e-004**	**6.0200e-003**	**8.3400e-003**	**1.0000e-005**	**0.0000**	**2.4000e-004**	**2.4000e-004**	**0.0000**	**2.3000e-004**	**2.3000e-004**	**0.0000**	**1.0897**	**1.0897**	**3.5000e-004**	**0.0000**	**1.0985**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.2300e-003	3.3000e-004	0.0000	2.3700e-003	0.0000	2.3800e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.3137	0.3137	2.0000e-005	0.0000	0.3143
Worker	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	3.4900e-003	0.0000	3.4900e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.0841	0.0841	0.0000	0.0000	0.0841
Total	**8.0000e-005**	**1.2600e-003**	**6.3000e-004**	**0.0000**	**5.8600e-003**	**0.0000**	**5.8700e-003**	**6.1000e-004**	**0.0000**	**6.1000e-004**	**0.0000**	**0.3978**	**0.3978**	**2.0000e-005**	**0.0000**	**0.3984**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1000e-004	6.9700e-003	9.4200e-003	1.0000e-005		2.9000e-004	2.9000e-004		2.9000e-004	2.9000e-004	0.0000	1.0897	1.0897	3.5000e-004	0.0000	1.0985
Total	**3.1000e-004**	**6.9700e-003**	**9.4200e-003**	**1.0000e-005**	**0.0000**	**2.9000e-004**	**2.9000e-004**	**0.0000**	**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.0897**	**1.0897**	**3.5000e-004**	**0.0000**	**1.0985**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.2300e-003	3.3000e-004	0.0000	1.0600e-003	0.0000	1.0700e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3137	0.3137	2.0000e-005	0.0000	0.3143
Worker	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	1.5500e-003	0.0000	1.5500e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.0841	0.0841	0.0000	0.0000	0.0841
Total	**8.0000e-005**	**1.2600e-003**	**6.3000e-004**	**0.0000**	**2.6100e-003**	**0.0000**	**2.6200e-003**	**2.9000e-004**	**0.0000**	**2.9000e-004**	**0.0000**	**0.3978**	**0.3978**	**2.0000e-005**	**0.0000**	**0.3984**

3.11 School - Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0491	0.0000	0.0491	0.0173	0.0000	0.0173	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0103	0.1113	0.0714	1.3000e-004		5.2200e-003	5.2200e-003		4.8000e-003	4.8000e-003	0.0000	11.7242	11.7242	3.7900e-003	0.0000	11.8190
Total	**0.0103**	**0.1113**	**0.0714**	**1.3000e-004**	**0.0491**	**5.2200e-003**	**0.0543**	**0.0173**	**4.8000e-003**	**0.0221**	**0.0000**	**11.7242**	**11.7242**	**3.7900e-003**	**0.0000**	**11.8190**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.8500e-003	4.9000e-004	0.0000	3.5600e-003	0.0000	3.5700e-003	3.8000e-004	0.0000	3.8000e-004	0.0000	0.4706	0.4706	3.0000e-005	0.0000	0.4715
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	0.0105	0.0000	0.0105	1.0900e-003	0.0000	1.0900e-003	0.0000	0.2522	0.2522	1.0000e-005	0.0000	0.2524
Total	**1.9000e-004**	**1.9400e-003**	**1.3900e-003**	**0.0000**	**0.0140**	**0.0000**	**0.0141**	**1.4700e-003**	**0.0000**	**1.4700e-003**	**0.0000**	**0.7228**	**0.7228**	**4.0000e-005**	**0.0000**	**0.7238**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0192	0.0000	0.0192	6.7400e-003	0.0000	6.7400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.3400e-003	0.0465	0.0855	1.3000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	11.7242	11.7242	3.7900e-003	0.0000	11.8190
Total	**2.3400e-003**	**0.0465**	**0.0855**	**1.3000e-004**	**0.0192**	**2.2000e-004**	**0.0194**	**6.7400e-003**	**2.2000e-004**	**6.9600e-003**	**0.0000**	**11.7242**	**11.7242**	**3.7900e-003**	**0.0000**	**11.8190**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.8500e-003	4.9000e-004	0.0000	1.5900e-003	0.0000	1.6000e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.4706	0.4706	3.0000e-005	0.0000	0.4715
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	4.6500e-003	0.0000	4.6500e-003	5.1000e-004	0.0000	5.1000e-004	0.0000	0.2522	0.2522	1.0000e-005	0.0000	0.2524
Total	**1.9000e-004**	**1.9400e-003**	**1.3900e-003**	**0.0000**	**6.2400e-003**	**0.0000**	**6.2500e-003**	**6.9000e-004**	**0.0000**	**6.9000e-004**	**0.0000**	**0.7228**	**0.7228**	**4.0000e-005**	**0.0000**	**0.7238**

3.12 School - Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1183	1.0968	1.0337	1.6900e-003		0.0600	0.0600		0.0563	0.0563	0.0000	145.2027	145.2027	0.0358	0.0000	146.0984
Total	**0.1183**	**1.0968**	**1.0337**	**1.6900e-003**		**0.0600**	**0.0600**		**0.0563**	**0.0563**	**0.0000**	**145.2027**	**145.2027**	**0.0358**	**0.0000**	**146.0984**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2000e-004	0.0241	6.4100e-003	6.0000e-005	0.0463	5.0000e-005	0.0464	4.9100e-003	5.0000e-005	4.9600e-003	0.0000	6.1177	6.1177	4.5000e-004	0.0000	6.1291
Worker	6.5100e-003	4.6400e-003	0.0468	1.5000e-004	0.5446	1.1000e-004	0.5447	0.0568	1.0000e-004	0.0569	0.0000	13.1138	13.1138	3.8000e-004	0.0000	13.1232
Total	**7.2300e-003**	**0.0287**	**0.0532**	**2.1000e-004**	**0.5909**	**1.6000e-004**	**0.5911**	**0.0617**	**1.5000e-004**	**0.0619**	**0.0000**	**19.2315**	**19.2315**	**8.3000e-004**	**0.0000**	**19.2522**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0334	0.6792	1.1195	1.6900e-003		5.1300e-003	5.1300e-003		5.1300e-003	5.1300e-003	0.0000	145.2025	145.2025	0.0358	0.0000	146.0982
Total	**0.0334**	**0.6792**	**1.1195**	**1.6900e-003**		**5.1300e-003**	**5.1300e-003**		**5.1300e-003**	**5.1300e-003**	**0.0000**	**145.2025**	**145.2025**	**0.0358**	**0.0000**	**146.0982**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.2000e-004	0.0241	6.4100e-003	6.0000e-005	0.0207	5.0000e-005	0.0208	2.3600e-003	5.0000e-005	2.4000e-003	0.0000	6.1177	6.1177	4.5000e-004	0.0000	6.1291
Worker	6.5100e-003	4.6400e-003	0.0468	1.5000e-004	0.2418	1.1000e-004	0.2419	0.0266	1.0000e-004	0.0267	0.0000	13.1138	13.1138	3.8000e-004	0.0000	13.1232
Total	**7.2300e-003**	**0.0287**	**0.0532**	**2.1000e-004**	**0.2626**	**1.6000e-004**	**0.2627**	**0.0289**	**1.5000e-004**	**0.0291**	**0.0000**	**19.2315**	**19.2315**	**8.3000e-004**	**0.0000**	**19.2522**

3.12 School - Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1180	1.0899	1.1336	1.8700e-003		0.0562	0.0562		0.0528	0.0528	0.0000	161.4017	161.4017	0.0396	0.0000	162.3909
Total	**0.1180**	**1.0899**	**1.1336**	**1.8700e-003**		**0.0562**	**0.0562**		**0.0528**	**0.0528**	**0.0000**	**161.4017**	**161.4017**	**0.0396**	**0.0000**	**162.3909**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.5000e-004	0.0252	6.7500e-003	7.0000e-005	0.0514	5.0000e-005	0.0515	5.4600e-003	5.0000e-005	5.5000e-003	0.0000	6.7331	6.7331	4.9000e-004	0.0000	6.7453
Worker	6.8400e-003	4.7000e-003	0.0482	1.6000e-004	0.6051	1.2000e-004	0.6052	0.0631	1.1000e-004	0.0632	0.0000	14.0367	14.0367	3.8000e-004	0.0000	14.0463
Total	**7.5900e-003**	**0.0299**	**0.0550**	**2.3000e-004**	**0.6566**	**1.7000e-004**	**0.6567**	**0.0686**	**1.6000e-004**	**0.0687**	**0.0000**	**20.7698**	**20.7698**	**8.7000e-004**	**0.0000**	**20.7916**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0371	0.7547	1.2438	1.8700e-003		5.7000e-003	5.7000e-003		5.7000e-003	5.7000e-003	0.0000	161.4015	161.4015	0.0396	0.0000	162.3908
Total	**0.0371**	**0.7547**	**1.2438**	**1.8700e-003**		**5.7000e-003**	**5.7000e-003**		**5.7000e-003**	**5.7000e-003**	**0.0000**	**161.4015**	**161.4015**	**0.0396**	**0.0000**	**162.3908**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.5000e-004	0.0252	6.7500e-003	7.0000e-005	0.0230	5.0000e-005	0.0231	2.6200e-003	5.0000e-005	2.6600e-003	0.0000	6.7331	6.7331	4.9000e-004	0.0000	6.7453
Worker	6.8400e-003	4.7000e-003	0.0482	1.6000e-004	0.2687	1.2000e-004	0.2688	0.0295	1.1000e-004	0.0296	0.0000	14.0367	14.0367	3.8000e-004	0.0000	14.0463
Total	**7.5900e-003**	**0.0299**	**0.0550**	**2.3000e-004**	**0.2917**	**1.7000e-004**	**0.2919**	**0.0321**	**1.6000e-004**	**0.0323**	**0.0000**	**20.7698**	**20.7698**	**8.7000e-004**	**0.0000**	**20.7916**

3.13 Park 4- Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0181	0.0000	0.0181	9.9300e-003	0.0000	9.9300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.8900e-003	0.0405	0.0212	4.0000e-005		2.0400e-003	2.0400e-003		1.8800e-003	1.8800e-003	0.0000	3.3436	3.3436	1.0800e-003	0.0000	3.3706
Total	**3.8900e-003**	**0.0405**	**0.0212**	**4.0000e-005**	**0.0181**	**2.0400e-003**	**0.0201**	**9.9300e-003**	**1.8800e-003**	**0.0118**	**0.0000**	**3.3436**	**3.3436**	**1.0800e-003**	**0.0000**	**3.3706**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1000e-004	1.1000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1046	0.1046	1.0000e-005	0.0000	0.1048
Worker	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	2.9100e-003	0.0000	2.9100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701
Total	**4.0000e-005**	**4.3000e-004**	**3.6000e-004**	**0.0000**	**3.7000e-003**	**0.0000**	**3.7000e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.1746**	**0.1746**	**1.0000e-005**	**0.0000**	**0.1749**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0500e-003	0.0000	7.0500e-003	3.8700e-003	0.0000	3.8700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-004	0.0122	0.0230	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.3436	3.3436	1.0800e-003	0.0000	3.3706
Total	**7.0000e-004**	**0.0122**	**0.0230**	**4.0000e-005**	**7.0500e-003**	**6.0000e-005**	**7.1100e-003**	**3.8700e-003**	**6.0000e-005**	**3.9300e-003**	**0.0000**	**3.3436**	**3.3436**	**1.0800e-003**	**0.0000**	**3.3706**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1000e-004	1.1000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1046	0.1046	1.0000e-005	0.0000	0.1048
Worker	3.0000e-005	2.0000e-005	2.5000e-004	0.0000	1.2900e-003	0.0000	1.2900e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0701	0.0701	0.0000	0.0000	0.0701
Total	**4.0000e-005**	**4.3000e-004**	**3.6000e-004**	**0.0000**	**1.6400e-003**	**0.0000**	**1.6500e-003**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.1746**	**0.1746**	**1.0000e-005**	**0.0000**	**0.1749**

3.14 Park 4- Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0143	0.0000	0.0143	5.5400e-003	0.0000	5.5400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4400e-003	0.0371	0.0238	4.0000e-005		1.7400e-003	1.7400e-003		1.6000e-003	1.6000e-003	0.0000	3.9081	3.9081	1.2600e-003	0.0000	3.9397
Total	**3.4400e-003**	**0.0371**	**0.0238**	**4.0000e-005**	**0.0143**	**1.7400e-003**	**0.0161**	**5.5400e-003**	**1.6000e-003**	**7.1400e-003**	**0.0000**	**3.9081**	**3.9081**	**1.2600e-003**	**0.0000**	**3.9397**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.2000e-004	1.6000e-004	0.0000	1.1900e-003	0.0000	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.1569	0.1569	1.0000e-005	0.0000	0.1572
Worker	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	3.4900e-003	0.0000	3.4900e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.0841	0.0841	0.0000	0.0000	0.0841
Total	**6.0000e-005**	**6.5000e-004**	**4.6000e-004**	**0.0000**	**4.6800e-003**	**0.0000**	**4.6800e-003**	**4.9000e-004**	**0.0000**	**4.9000e-004**	**0.0000**	**0.2409**	**0.2409**	**1.0000e-005**	**0.0000**	**0.2413**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.5900e-003	0.0000	5.5900e-003	2.1600e-003	0.0000	2.1600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8000e-004	0.0155	0.0285	4.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	3.9081	3.9081	1.2600e-003	0.0000	3.9397
Total	**7.8000e-004**	**0.0155**	**0.0285**	**4.0000e-005**	**5.5900e-003**	**7.0000e-005**	**5.6600e-003**	**2.1600e-003**	**7.0000e-005**	**2.2300e-003**	**0.0000**	**3.9081**	**3.9081**	**1.2600e-003**	**0.0000**	**3.9397**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.2000e-004	1.6000e-004	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1569	0.1569	1.0000e-005	0.0000	0.1572
Worker	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	1.5500e-003	0.0000	1.5500e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.0841	0.0841	0.0000	0.0000	0.0841
Total	**6.0000e-005**	**6.5000e-004**	**4.6000e-004**	**0.0000**	**2.0800e-003**	**0.0000**	**2.0800e-003**	**2.3000e-004**	**0.0000**	**2.3000e-004**	**0.0000**	**0.2409**	**0.2409**	**1.0000e-005**	**0.0000**	**0.2413**

3.15 Park 4- Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0257	0.1902	0.2136	3.0000e-004		0.0112	0.0112		0.0105	0.0105	0.0000	24.7126	24.7126	6.4800e-003	0.0000	24.8747
Total	**0.0257**	**0.1902**	**0.2136**	**3.0000e-004**		**0.0112**	**0.0112**		**0.0105**	**0.0105**	**0.0000**	**24.7126**	**24.7126**	**6.4800e-003**	**0.0000**	**24.8747**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.1000e-004	0.0171	4.5500e-003	4.0000e-005	0.0329	4.0000e-005	0.0329	3.4800e-003	3.0000e-005	3.5200e-003	0.0000	4.3399	4.3399	3.2000e-004	0.0000	4.3480
Worker	5.8000e-004	4.1000e-004	4.1500e-003	1.0000e-005	0.0483	1.0000e-005	0.0483	5.0400e-003	1.0000e-005	5.0500e-003	0.0000	1.1629	1.1629	3.0000e-005	0.0000	1.1637
Total	**1.0900e-003**	**0.0175**	**8.7000e-003**	**5.0000e-005**	**0.0811**	**5.0000e-005**	**0.0812**	**8.5200e-003**	**4.0000e-005**	**8.5700e-003**	**0.0000**	**5.5028**	**5.5028**	**3.5000e-004**	**0.0000**	**5.5117**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.1400e-003	0.1530	0.2075	3.0000e-004		2.2500e-003	2.2500e-003		2.2500e-003	2.2500e-003	0.0000	24.7126	24.7126	6.4800e-003	0.0000	24.8746
Total	**6.1400e-003**	**0.1530**	**0.2075**	**3.0000e-004**		**2.2500e-003**	**2.2500e-003**		**2.2500e-003**	**2.2500e-003**	**0.0000**	**24.7126**	**24.7126**	**6.4800e-003**	**0.0000**	**24.8746**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.1000e-004	0.0171	4.5500e-003	4.0000e-005	0.0147	4.0000e-005	0.0147	1.6700e-003	3.0000e-005	1.7100e-003	0.0000	4.3399	4.3399	3.2000e-004	0.0000	4.3480
Worker	5.8000e-004	4.1000e-004	4.1500e-003	1.0000e-005	0.0214	1.0000e-005	0.0215	2.3500e-003	1.0000e-005	2.3600e-003	0.0000	1.1629	1.1629	3.0000e-005	0.0000	1.1637
Total	**1.0900e-003**	**0.0175**	**8.7000e-003**	**5.0000e-005**	**0.0361**	**5.0000e-005**	**0.0362**	**4.0200e-003**	**4.0000e-005**	**4.0700e-003**	**0.0000**	**5.5028**	**5.5028**	**3.5000e-004**	**0.0000**	**5.5117**

3.15 Park 4- Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8000e-004	2.1000e-003	2.5400e-003	0.0000		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	0.2979	0.2979	8.0000e-005	0.0000	0.2998
Total	**2.8000e-004**	**2.1000e-003**	**2.5400e-003**	**0.0000**		**1.1000e-004**	**1.1000e-004**		**1.1000e-004**	**1.1000e-004**	**0.0000**	**0.2979**	**0.2979**	**8.0000e-005**	**0.0000**	**0.2998**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.9000e-004	5.0000e-005	0.0000	4.0000e-004	0.0000	4.0000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0518	0.0518	0.0000	0.0000	0.0519
Worker	1.0000e-005	0.0000	5.0000e-005	0.0000	5.8000e-004	0.0000	5.8000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0135	0.0135	0.0000	0.0000	0.0135
Total	**2.0000e-005**	**1.9000e-004**	**1.0000e-004**	**0.0000**	**9.8000e-004**	**0.0000**	**9.8000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.0653**	**0.0653**	**0.0000**	**0.0000**	**0.0654**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.0000e-005	1.8400e-003	2.5000e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.2979	0.2979	8.0000e-005	0.0000	0.2998
Total	**7.0000e-005**	**1.8400e-003**	**2.5000e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.2979**	**0.2979**	**8.0000e-005**	**0.0000**	**0.2998**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.9000e-004	5.0000e-005	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0518	0.0518	0.0000	0.0000	0.0519
Worker	1.0000e-005	0.0000	5.0000e-005	0.0000	2.6000e-004	0.0000	2.6000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0135	0.0135	0.0000	0.0000	0.0135
Total	**2.0000e-005**	**1.9000e-004**	**1.0000e-004**	**0.0000**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.0653**	**0.0653**	**0.0000**	**0.0000**	**0.0654**

3.16 Fire Station Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.6500e-003	0.0167	0.0219	3.0000e-005		8.5000e-004	8.5000e-004		7.8000e-004	7.8000e-004	0.0000	3.0041	3.0041	9.7000e-004	0.0000	3.0284
Total	**1.6500e-003**	**0.0167**	**0.0219**	**3.0000e-005**	**0.0000**	**8.5000e-004**	**8.5000e-004**	**0.0000**	**7.8000e-004**	**7.8000e-004**	**0.0000**	**3.0041**	**3.0041**	**9.7000e-004**	**0.0000**	**3.0284**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.8000e-004	1.6000e-004	0.0000	1.1900e-003	0.0000	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.1554	0.1554	1.0000e-005	0.0000	0.1557
Worker	4.0000e-005	3.0000e-005	2.8000e-004	0.0000	3.4900e-003	0.0000	3.4900e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.0810	0.0810	0.0000	0.0000	0.0810
Total	**6.0000e-005**	**6.1000e-004**	**4.4000e-004**	**0.0000**	**4.6800e-003**	**0.0000**	**4.6800e-003**	**4.9000e-004**	**0.0000**	**4.9000e-004**	**0.0000**	**0.2364**	**0.2364**	**1.0000e-005**	**0.0000**	**0.2367**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.0000e-004	0.0151	0.0259	3.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.0041	3.0041	9.7000e-004	0.0000	3.0284
Total	**5.0000e-004**	**0.0151**	**0.0259**	**3.0000e-005**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**6.0000e-005**	**0.0000**	**3.0041**	**3.0041**	**9.7000e-004**	**0.0000**	**3.0284**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.8000e-004	1.6000e-004	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1554	0.1554	1.0000e-005	0.0000	0.1557
Worker	4.0000e-005	3.0000e-005	2.8000e-004	0.0000	1.5500e-003	0.0000	1.5500e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.0810	0.0810	0.0000	0.0000	0.0810
Total	**6.0000e-005**	**6.1000e-004**	**4.4000e-004**	**0.0000**	**2.0800e-003**	**0.0000**	**2.0800e-003**	**2.3000e-004**	**0.0000**	**2.3000e-004**	**0.0000**	**0.2364**	**0.2364**	**1.0000e-005**	**0.0000**	**0.2367**

3.17 Fire Station Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0361	0.0000	0.0361	0.0199	0.0000	0.0199	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.3400e-003	0.0662	0.0394	8.0000e-005		3.2300e-003	3.2300e-003		2.9700e-003	2.9700e-003	0.0000	6.6879	6.6879	2.1600e-003	0.0000	6.7420
Total	**6.3400e-003**	**0.0662**	**0.0394**	**8.0000e-005**	**0.0361**	**3.2300e-003**	**0.0394**	**0.0199**	**2.9700e-003**	**0.0228**	**0.0000**	**6.6879**	**6.6879**	**2.1600e-003**	**0.0000**	**6.7420**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	7.8000e-004	2.1000e-004	0.0000	1.5800e-003	0.0000	1.5800e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.2072	0.2072	2.0000e-005	0.0000	0.2076
Worker	7.0000e-005	5.0000e-005	4.6000e-004	0.0000	5.8200e-003	0.0000	5.8200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.1350	0.1350	0.0000	0.0000	0.1351
Total	**9.0000e-005**	**8.3000e-004**	**6.7000e-004**	**0.0000**	**7.4000e-003**	**0.0000**	**7.4000e-003**	**7.8000e-004**	**0.0000**	**7.8000e-004**	**0.0000**	**0.3421**	**0.3421**	**2.0000e-005**	**0.0000**	**0.3426**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0141	0.0000	0.0141	7.7500e-003	0.0000	7.7500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.3900e-003	0.0243	0.0459	8.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	6.6879	6.6879	2.1600e-003	0.0000	6.7419
Total	**1.3900e-003**	**0.0243**	**0.0459**	**8.0000e-005**	**0.0141**	**1.2000e-004**	**0.0142**	**7.7500e-003**	**1.2000e-004**	**7.8700e-003**	**0.0000**	**6.6879**	**6.6879**	**2.1600e-003**	**0.0000**	**6.7419**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	7.8000e-004	2.1000e-004	0.0000	7.1000e-004	0.0000	7.1000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2072	0.2072	2.0000e-005	0.0000	0.2076
Worker	7.0000e-005	5.0000e-005	4.6000e-004	0.0000	2.5800e-003	0.0000	2.5800e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1350	0.1350	0.0000	0.0000	0.1351
Total	**9.0000e-005**	**8.3000e-004**	**6.7000e-004**	**0.0000**	**3.2900e-003**	**0.0000**	**3.2900e-003**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**0.3421**	**0.3421**	**2.0000e-005**	**0.0000**	**0.3426**

3.18 Fire Station Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0935	0.8635	0.8981	1.4800e-003		0.0445	0.0445		0.0418	0.0418	0.0000	127.8798	127.8798	0.0314	0.0000	128.6636
Total	**0.0935**	**0.8635**	**0.8981**	**1.4800e-003**		**0.0445**	**0.0445**		**0.0418**	**0.0418**	**0.0000**	**127.8798**	**127.8798**	**0.0314**	**0.0000**	**128.6636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.9000e-004	0.0200	5.3500e-003	5.0000e-005	0.0408	4.0000e-005	0.0408	4.3200e-003	4.0000e-005	4.3600e-003	0.0000	5.3347	5.3347	3.9000e-004	0.0000	5.3443
Worker	6.8000e-004	4.7000e-004	4.7800e-003	2.0000e-005	0.0599	1.0000e-005	0.0599	6.2500e-003	1.0000e-005	6.2600e-003	0.0000	1.3902	1.3902	4.0000e-005	0.0000	1.3911
Total	**1.2700e-003**	**0.0205**	**0.0101**	**7.0000e-005**	**0.1007**	**5.0000e-005**	**0.1007**	**0.0106**	**5.0000e-005**	**0.0106**	**0.0000**	**6.7248**	**6.7248**	**4.3000e-004**	**0.0000**	**6.7355**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0294	0.5980	0.9855	1.4800e-003		4.5200e-003	4.5200e-003		4.5200e-003	4.5200e-003	0.0000	127.8796	127.8796	0.0314	0.0000	128.6634
Total	**0.0294**	**0.5980**	**0.9855**	**1.4800e-003**		**4.5200e-003**	**4.5200e-003**		**4.5200e-003**	**4.5200e-003**	**0.0000**	**127.8796**	**127.8796**	**0.0314**	**0.0000**	**128.6634**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.9000e-004	0.0200	5.3500e-003	5.0000e-005	0.0182	4.0000e-005	0.0183	2.0700e-003	4.0000e-005	2.1100e-003	0.0000	5.3347	5.3347	3.9000e-004	0.0000	5.3443
Worker	6.8000e-004	4.7000e-004	4.7800e-003	2.0000e-005	0.0266	1.0000e-005	0.0266	2.9200e-003	1.0000e-005	2.9300e-003	0.0000	1.3902	1.3902	4.0000e-005	0.0000	1.3911
Total	**1.2700e-003**	**0.0205**	**0.0101**	**7.0000e-005**	**0.0449**	**5.0000e-005**	**0.0449**	**4.9900e-003**	**5.0000e-005**	**5.0400e-003**	**0.0000**	**6.7248**	**6.7248**	**4.3000e-004**	**0.0000**	**6.7355**

3.19 Commercial 1 - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1982					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.8600e-003	0.0404	0.0520	9.0000e-005		2.3400e-003	2.3400e-003		2.3400e-003	2.3400e-003	0.0000	7.3193	7.3193	4.8000e-004	0.0000	7.3312
Total	**0.2040**	**0.0404**	**0.0520**	**9.0000e-005**		**2.3400e-003**	**2.3400e-003**		**2.3400e-003**	**2.3400e-003**	**0.0000**	**7.3193**	**7.3193**	**4.8000e-004**	**0.0000**	**7.3312**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.3500e-003	2.2300e-003	2.0000e-005	0.0170	2.0000e-005	0.0170	1.8000e-003	2.0000e-005	1.8200e-003	0.0000	2.2271	2.2271	1.6000e-004	0.0000	2.2311
Worker	1.4000e-004	1.0000e-004	1.0000e-003	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2902	0.2902	1.0000e-005	0.0000	0.2904
Total	**3.9000e-004**	**8.4500e-003**	**3.2300e-003**	**2.0000e-005**	**0.0295**	**2.0000e-005**	**0.0295**	**3.1000e-003**	**2.0000e-005**	**3.1300e-003**	**0.0000**	**2.5173**	**2.5173**	**1.7000e-004**	**0.0000**	**2.5215**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.1982					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.8600e-003	0.0404	0.0520	9.0000e-005		2.3400e-003	2.3400e-003		2.3400e-003	2.3400e-003	0.0000	7.3193	7.3193	4.8000e-004	0.0000	7.3312
Total	**0.2040**	**0.0404**	**0.0520**	**9.0000e-005**		**2.3400e-003**	**2.3400e-003**		**2.3400e-003**	**2.3400e-003**	**0.0000**	**7.3193**	**7.3193**	**4.8000e-004**	**0.0000**	**7.3312**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.3500e-003	2.2300e-003	2.0000e-005	7.6100e-003	2.0000e-005	7.6300e-003	8.7000e-004	2.0000e-005	8.8000e-004	0.0000	2.2271	2.2271	1.6000e-004	0.0000	2.2311
Worker	1.4000e-004	1.0000e-004	1.0000e-003	0.0000	5.5600e-003	0.0000	5.5600e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.2902	0.2902	1.0000e-005	0.0000	0.2904
Total	**3.9000e-004**	**8.4500e-003**	**3.2300e-003**	**2.0000e-005**	**0.0132**	**2.0000e-005**	**0.0132**	**1.4800e-003**	**2.0000e-005**	**1.4900e-003**	**0.0000**	**2.5173**	**2.5173**	**1.7000e-004**	**0.0000**	**2.5215**

3.20 Park 4- Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-003	0.0413	0.0532	9.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	7.4895	7.4895	4.9000e-004	0.0000	7.5017
Total	**9.1600e-003**	**0.0413**	**0.0532**	**9.0000e-005**		**2.4000e-003**	**2.4000e-003**		**2.4000e-003**	**2.4000e-003**	**0.0000**	**7.4895**	**7.4895**	**4.9000e-004**	**0.0000**	**7.5017**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	0.0174	2.0000e-005	0.0174	1.8500e-003	2.0000e-005	1.8600e-003	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2969	0.2969	1.0000e-005	0.0000	0.2971
Total	**3.9000e-004**	**8.6400e-003**	**3.3000e-003**	**2.0000e-005**	**0.0302**	**2.0000e-005**	**0.0302**	**3.1900e-003**	**2.0000e-005**	**3.2000e-003**	**0.0000**	**2.5758**	**2.5758**	**1.8000e-004**	**0.0000**	**2.5802**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.1600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-003	0.0413	0.0532	9.0000e-005		2.4000e-003	2.4000e-003		2.4000e-003	2.4000e-003	0.0000	7.4895	7.4895	4.9000e-004	0.0000	7.5017
Total	**9.1600e-003**	**0.0413**	**0.0532**	**9.0000e-005**		**2.4000e-003**	**2.4000e-003**		**2.4000e-003**	**2.4000e-003**	**0.0000**	**7.4895**	**7.4895**	**4.9000e-004**	**0.0000**	**7.5017**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	7.7900e-003	2.0000e-005	7.8100e-003	8.9000e-004	2.0000e-005	9.0000e-004	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2969	0.2969	1.0000e-005	0.0000	0.2971
Total	**3.9000e-004**	**8.6400e-003**	**3.3000e-003**	**2.0000e-005**	**0.0135**	**2.0000e-005**	**0.0135**	**1.5100e-003**	**2.0000e-005**	**1.5300e-003**	**0.0000**	**2.5758**	**2.5758**	**1.8000e-004**	**0.0000**	**2.5802**

3.21 Commercial 1- Landscaping - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.5300e-003	0.0204	0.0305	5.0000e-005		7.6000e-004	7.6000e-004		7.0000e-004	7.0000e-004	0.0000	3.9994	3.9994	1.2900e-003	0.0000	4.0318
Total	**1.5300e-003**	**0.0204**	**0.0305**	**5.0000e-005**	**0.0000**	**7.6000e-004**	**7.6000e-004**	**0.0000**	**7.0000e-004**	**7.0000e-004**	**0.0000**	**3.9994**	**3.9994**	**1.2900e-003**	**0.0000**	**4.0318**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7100e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2969	0.2969	1.0000e-005	0.0000	0.2971
Total	**2.7000e-004**	**4.3700e-003**	**2.1600e-003**	**1.0000e-005**	**0.0215**	**1.0000e-005**	**0.0215**	**2.2600e-003**	**1.0000e-005**	**2.2700e-003**	**0.0000**	**1.4364**	**1.4364**	**9.0000e-005**	**0.0000**	**1.4386**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1200e-003	0.0256	0.0345	5.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003	0.0000	3.9994	3.9994	1.2900e-003	0.0000	4.0318
Total	**1.1200e-003**	**0.0256**	**0.0345**	**5.0000e-005**	**0.0000**	**1.0500e-003**	**1.0500e-003**	**0.0000**	**1.0500e-003**	**1.0500e-003**	**0.0000**	**3.9994**	**3.9994**	**1.2900e-003**	**0.0000**	**4.0318**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	3.9000e-003	1.0000e-005	3.9000e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2969	0.2969	1.0000e-005	0.0000	0.2971
Total	**2.7000e-004**	**4.3700e-003**	**2.1600e-003**	**1.0000e-005**	**9.5800e-003**	**1.0000e-005**	**9.5900e-003**	**1.0600e-003**	**1.0000e-005**	**1.0800e-003**	**0.0000**	**1.4364**	**1.4364**	**9.0000e-005**	**0.0000**	**1.4386**

3.22 Park 1 - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-003	0.0207	0.0266	4.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003	0.0000	3.7448	3.7448	2.4000e-004	0.0000	3.7509
Total	**4.0300e-003**	**0.0207**	**0.0266**	**4.0000e-005**		**1.2000e-003**	**1.2000e-003**		**1.2000e-003**	**1.2000e-003**	**0.0000**	**3.7448**	**3.7448**	**2.4000e-004**	**0.0000**	**3.7509**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7100e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	7.0000e-005	5.0000e-005	5.1000e-004	0.0000	6.4000e-003	0.0000	6.4000e-003	6.7000e-004	0.0000	6.7000e-004	0.0000	0.1485	0.1485	0.0000	0.0000	0.1486
Total	**2.0000e-004**	**4.3200e-003**	**1.6500e-003**	**1.0000e-005**	**0.0151**	**1.0000e-005**	**0.0151**	**1.5900e-003**	**1.0000e-005**	**1.6000e-003**	**0.0000**	**1.2879**	**1.2879**	**8.0000e-005**	**0.0000**	**1.2901**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-003	0.0207	0.0266	4.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003	0.0000	3.7448	3.7448	2.4000e-004	0.0000	3.7509
Total	**4.0300e-003**	**0.0207**	**0.0266**	**4.0000e-005**		**1.2000e-003**	**1.2000e-003**		**1.2000e-003**	**1.2000e-003**	**0.0000**	**3.7448**	**3.7448**	**2.4000e-004**	**0.0000**	**3.7509**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	3.9000e-003	1.0000e-005	3.9000e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	7.0000e-005	5.0000e-005	5.1000e-004	0.0000	2.8400e-003	0.0000	2.8400e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.1485	0.1485	0.0000	0.0000	0.1486
Total	**2.0000e-004**	**4.3200e-003**	**1.6500e-003**	**1.0000e-005**	**6.7400e-003**	**1.0000e-005**	**6.7400e-003**	**7.5000e-004**	**1.0000e-005**	**7.6000e-004**	**0.0000**	**1.2879**	**1.2879**	**8.0000e-005**	**0.0000**	**1.2901**

3.22 Park 1 - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8100e-003	0.0191	0.0266	4.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003	0.0000	3.7448	3.7448	2.2000e-004	0.0000	3.7504
Total	**3.8400e-003**	**0.0191**	**0.0266**	**4.0000e-005**		**1.0400e-003**	**1.0400e-003**		**1.0400e-003**	**1.0400e-003**	**0.0000**	**3.7448**	**3.7448**	**2.2000e-004**	**0.0000**	**3.7504**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	7.0000e-005	5.0000e-005	4.7000e-004	0.0000	6.4000e-003	0.0000	6.4000e-003	6.7000e-004	0.0000	6.7000e-004	0.0000	0.1428	0.1428	0.0000	0.0000	0.1429
Total	**1.7000e-004**	**3.4000e-003**	**1.5100e-003**	**1.0000e-005**	**0.0151**	**0.0000**	**0.0151**	**1.5900e-003**	**0.0000**	**1.6000e-003**	**0.0000**	**1.2536**	**1.2536**	**8.0000e-005**	**0.0000**	**1.2555**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8100e-003	0.0191	0.0266	4.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003	0.0000	3.7448	3.7448	2.2000e-004	0.0000	3.7504
Total	**3.8400e-003**	**0.0191**	**0.0266**	**4.0000e-005**		**1.0400e-003**	**1.0400e-003**		**1.0400e-003**	**1.0400e-003**	**0.0000**	**3.7448**	**3.7448**	**2.2000e-004**	**0.0000**	**3.7504**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	7.0000e-005	5.0000e-005	4.7000e-004	0.0000	2.8400e-003	0.0000	2.8400e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.1428	0.1428	0.0000	0.0000	0.1429
Total	**1.7000e-004**	**3.4000e-003**	**1.5100e-003**	**1.0000e-005**	**6.7400e-003**	**0.0000**	**6.7400e-003**	**7.5000e-004**	**0.0000**	**7.6000e-004**	**0.0000**	**1.2536**	**1.2536**	**8.0000e-005**	**0.0000**	**1.2555**

3.23 School -Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0126					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-003	0.0207	0.0266	4.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003	0.0000	3.7448	3.7448	2.4000e-004	0.0000	3.7509
Total	**0.0156**	**0.0207**	**0.0266**	**4.0000e-005**		**1.2000e-003**	**1.2000e-003**		**1.2000e-003**	**1.2000e-003**	**0.0000**	**3.7448**	**3.7448**	**2.4000e-004**	**0.0000**	**3.7509**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7100e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	2.2000e-004	1.5000e-004	1.5300e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4457
Total	**3.5000e-004**	**4.4200e-003**	**2.6700e-003**	**1.0000e-005**	**0.0279**	**1.0000e-005**	**0.0279**	**2.9200e-003**	**1.0000e-005**	**2.9400e-003**	**0.0000**	**1.5848**	**1.5848**	**9.0000e-005**	**0.0000**	**1.5872**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0126					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0000e-003	0.0207	0.0266	4.0000e-005		1.2000e-003	1.2000e-003		1.2000e-003	1.2000e-003	0.0000	3.7448	3.7448	2.4000e-004	0.0000	3.7509
Total	**0.0156**	**0.0207**	**0.0266**	**4.0000e-005**		**1.2000e-003**	**1.2000e-003**		**1.2000e-003**	**1.2000e-003**	**0.0000**	**3.7448**	**3.7448**	**2.4000e-004**	**0.0000**	**3.7509**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	3.9000e-003	1.0000e-005	3.9000e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	2.2000e-004	1.5000e-004	1.5300e-003	0.0000	8.5300e-003	0.0000	8.5300e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4457
Total	**3.5000e-004**	**4.4200e-003**	**2.6700e-003**	**1.0000e-005**	**0.0124**	**1.0000e-005**	**0.0124**	**1.3800e-003**	**1.0000e-005**	**1.3900e-003**	**0.0000**	**1.5848**	**1.5848**	**9.0000e-005**	**0.0000**	**1.5872**

3.23 School -Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0126					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8100e-003	0.0191	0.0266	4.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003	0.0000	3.7448	3.7448	2.2000e-004	0.0000	3.7504
Total	**0.0154**	**0.0191**	**0.0266**	**4.0000e-005**		**1.0400e-003**	**1.0400e-003**		**1.0400e-003**	**1.0400e-003**	**0.0000**	**3.7448**	**3.7448**	**2.2000e-004**	**0.0000**	**3.7504**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**3.1000e-004**	**3.4900e-003**	**2.4600e-003**	**1.0000e-005**	**0.0279**	**0.0000**	**0.0279**	**2.9200e-003**	**0.0000**	**2.9400e-003**	**0.0000**	**1.5391**	**1.5391**	**9.0000e-005**	**0.0000**	**1.5413**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0126					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8100e-003	0.0191	0.0266	4.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003	0.0000	3.7448	3.7448	2.2000e-004	0.0000	3.7504
Total	**0.0154**	**0.0191**	**0.0266**	**4.0000e-005**		**1.0400e-003**	**1.0400e-003**		**1.0400e-003**	**1.0400e-003**	**0.0000**	**3.7448**	**3.7448**	**2.2000e-004**	**0.0000**	**3.7504**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	8.5300e-003	0.0000	8.5300e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**3.1000e-004**	**3.4900e-003**	**2.4600e-003**	**1.0000e-005**	**0.0124**	**0.0000**	**0.0124**	**1.3800e-003**	**0.0000**	**1.3900e-003**	**0.0000**	**1.5391**	**1.5391**	**9.0000e-005**	**0.0000**	**1.5413**

3.24 Park 4- Landscaping - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.4300e-003	0.0190	0.0305	5.0000e-005		6.4000e-004	6.4000e-004		5.9000e-004	5.9000e-004	0.0000	4.0013	4.0013	1.2900e-003	0.0000	4.0337
Total	**1.4300e-003**	**0.0190**	**0.0305**	**5.0000e-005**	**0.0000**	**6.4000e-004**	**6.4000e-004**	**0.0000**	**5.9000e-004**	**5.9000e-004**	**0.0000**	**4.0013**	**4.0013**	**1.2900e-003**	**0.0000**	**4.0337**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**0.0215**	**0.0000**	**0.0215**	**2.2600e-003**	**0.0000**	**2.2700e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1200e-003	0.0256	0.0345	5.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003	0.0000	4.0013	4.0013	1.2900e-003	0.0000	4.0337
Total	**1.1200e-003**	**0.0256**	**0.0345**	**5.0000e-005**	**0.0000**	**1.0500e-003**	**1.0500e-003**	**0.0000**	**1.0500e-003**	**1.0500e-003**	**0.0000**	**4.0013**	**4.0013**	**1.2900e-003**	**0.0000**	**4.0337**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**9.5800e-003**	**0.0000**	**9.5900e-003**	**1.0600e-003**	**0.0000**	**1.0800e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

3.25 Commercial 1- Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1121**	**0.1604**	**2.5000e-004**		**5.6100e-003**	**5.6100e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**22.0296**	**22.0296**	**7.1200e-003**	**0.0000**	**22.2077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	0.0218	1.0000e-005	0.0218	2.3100e-003	1.0000e-005	2.3200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	2.7000e-004	1.8000e-004	1.8900e-003	1.0000e-005	0.0256	0.0000	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.5712	0.5712	1.0000e-005	0.0000	0.5716
Total	**5.1000e-004**	**8.5700e-003**	**4.4900e-003**	**4.0000e-005**	**0.0474**	**1.0000e-005**	**0.0474**	**4.9800e-003**	**1.0000e-005**	**4.9900e-003**	**0.0000**	**3.3481**	**3.3481**	**2.0000e-004**	**0.0000**	**3.3532**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0295**	**22.0295**	**7.1200e-003**	**0.0000**	**22.2077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	9.7400e-003	1.0000e-005	9.7500e-003	1.1100e-003	1.0000e-005	1.1200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	2.7000e-004	1.8000e-004	1.8900e-003	1.0000e-005	0.0114	0.0000	0.0114	1.2500e-003	0.0000	1.2500e-003	0.0000	0.5712	0.5712	1.0000e-005	0.0000	0.5716
Total	**5.1000e-004**	**8.5700e-003**	**4.4900e-003**	**4.0000e-005**	**0.0211**	**1.0000e-005**	**0.0211**	**2.3600e-003**	**1.0000e-005**	**2.3700e-003**	**0.0000**	**3.3481**	**3.3481**	**2.0000e-004**	**0.0000**	**3.3532**

3.26 Park 4- Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0103	0.1019	0.1458	2.3000e-004		5.1000e-003	5.1000e-003		4.6900e-003	4.6900e-003	0.0000	20.0269	20.0269	6.4800e-003	0.0000	20.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0103**	**0.1019**	**0.1458**	**2.3000e-004**		**5.1000e-003**	**5.1000e-003**		**4.6900e-003**	**4.6900e-003**	**0.0000**	**20.0269**	**20.0269**	**6.4800e-003**	**0.0000**	**20.1888**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2000e-004	7.6200e-003	2.3600e-003	3.0000e-005	0.0198	1.0000e-005	0.0198	2.1000e-003	1.0000e-005	2.1100e-003	0.0000	2.5245	2.5245	1.7000e-004	0.0000	2.5287
Worker	2.5000e-004	1.7000e-004	1.7200e-003	1.0000e-005	0.0233	0.0000	0.0233	2.4300e-003	0.0000	2.4300e-003	0.0000	0.5193	0.5193	1.0000e-005	0.0000	0.5196
Total	**4.7000e-004**	**7.7900e-003**	**4.0800e-003**	**4.0000e-005**	**0.0431**	**1.0000e-005**	**0.0431**	**4.5300e-003**	**1.0000e-005**	**4.5400e-003**	**0.0000**	**3.0437**	**3.0437**	**1.8000e-004**	**0.0000**	**3.0483**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3400e-003	0.1004	0.1730	2.3000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.0268	20.0268	6.4800e-003	0.0000	20.1888
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.3400e-003**	**0.1004**	**0.1730**	**2.3000e-004**		**3.7000e-004**	**3.7000e-004**		**3.7000e-004**	**3.7000e-004**	**0.0000**	**20.0268**	**20.0268**	**6.4800e-003**	**0.0000**	**20.1888**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2000e-004	7.6200e-003	2.3600e-003	3.0000e-005	8.8500e-003	1.0000e-005	8.8600e-003	1.0100e-003	1.0000e-005	1.0200e-003	0.0000	2.5245	2.5245	1.7000e-004	0.0000	2.5287
Worker	2.5000e-004	1.7000e-004	1.7200e-003	1.0000e-005	0.0103	0.0000	0.0103	1.1300e-003	0.0000	1.1400e-003	0.0000	0.5193	0.5193	1.0000e-005	0.0000	0.5196
Total	**4.7000e-004**	**7.7900e-003**	**4.0800e-003**	**4.0000e-005**	**0.0192**	**1.0000e-005**	**0.0192**	**2.1400e-003**	**1.0000e-005**	**2.1600e-003**	**0.0000**	**3.0437**	**3.0437**	**1.8000e-004**	**0.0000**	**3.0483**

3.27 School - Site Prep - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1897	0.0000	0.1897	0.1043	0.0000	0.1043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0279	0.2890	0.1916	4.0000e-004		0.0133	0.0133		0.0122	0.0122	0.0000	35.1232	35.1232	0.0114	0.0000	35.4072
Total	**0.0279**	**0.2890**	**0.1916**	**4.0000e-004**	**0.1897**	**0.0133**	**0.2030**	**0.1043**	**0.0122**	**0.1165**	**0.0000**	**35.1232**	**35.1232**	**0.0114**	**0.0000**	**35.4072**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.2000e-003	9.9000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.9000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	3.3000e-004	2.2000e-004	2.2600e-003	1.0000e-005	0.0306	1.0000e-005	0.0306	3.1900e-003	1.0000e-005	3.1900e-003	0.0000	0.6815	0.6815	2.0000e-005	0.0000	0.6820
Total	**4.2000e-004**	**3.4200e-003**	**3.2500e-003**	**2.0000e-005**	**0.0389**	**1.0000e-005**	**0.0389**	**4.0700e-003**	**1.0000e-005**	**4.0800e-003**	**0.0000**	**1.7418**	**1.7418**	**9.0000e-005**	**0.0000**	**1.7440**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0740	0.0000	0.0740	0.0407	0.0000	0.0407	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3200e-003	0.1277	0.2411	4.0000e-004		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004	0.0000	35.1232	35.1232	0.0114	0.0000	35.4072
Total	**7.3200e-003**	**0.1277**	**0.2411**	**4.0000e-004**	**0.0740**	**6.5000e-004**	**0.0746**	**0.0407**	**6.5000e-004**	**0.0413**	**0.0000**	**35.1232**	**35.1232**	**0.0114**	**0.0000**	**35.4072**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.2000e-003	9.9000e-004	1.0000e-005	3.7200e-003	0.0000	3.7200e-003	4.2000e-004	0.0000	4.3000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	3.3000e-004	2.2000e-004	2.2600e-003	1.0000e-005	0.0136	1.0000e-005	0.0136	1.4900e-003	1.0000e-005	1.4900e-003	0.0000	0.6815	0.6815	2.0000e-005	0.0000	0.6820
Total	**4.2000e-004**	**3.4200e-003**	**3.2500e-003**	**2.0000e-005**	**0.0173**	**1.0000e-005**	**0.0173**	**1.9100e-003**	**1.0000e-005**	**1.9200e-003**	**0.0000**	**1.7418**	**1.7418**	**9.0000e-005**	**0.0000**	**1.7440**

3.28 School - Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0108	0.1070	0.1531	2.4000e-004		5.3600e-003	5.3600e-003		4.9300e-003	4.9300e-003	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0108**	**0.1070**	**0.1531**	**2.4000e-004**		**5.3600e-003**	**5.3600e-003**		**4.9300e-003**	**4.9300e-003**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.0000e-003	2.4800e-003	3.0000e-005	0.0208	1.0000e-005	0.0208	2.2000e-003	1.0000e-005	2.2100e-003	0.0000	2.6507	2.6507	1.8000e-004	0.0000	2.6552
Worker	2.6000e-004	1.7000e-004	1.8100e-003	1.0000e-005	0.0244	0.0000	0.0244	2.5500e-003	0.0000	2.5500e-003	0.0000	0.5452	0.5452	1.0000e-005	0.0000	0.5456
Total	**4.9000e-004**	**8.1700e-003**	**4.2900e-003**	**4.0000e-005**	**0.0452**	**1.0000e-005**	**0.0452**	**4.7500e-003**	**1.0000e-005**	**4.7600e-003**	**0.0000**	**3.1959**	**3.1959**	**1.9000e-004**	**0.0000**	**3.2008**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.0000e-003	2.4800e-003	3.0000e-005	9.3000e-003	1.0000e-005	9.3100e-003	1.0600e-003	1.0000e-005	1.0700e-003	0.0000	2.6507	2.6507	1.8000e-004	0.0000	2.6552
Worker	2.6000e-004	1.7000e-004	1.8100e-003	1.0000e-005	0.0109	0.0000	0.0109	1.1900e-003	0.0000	1.2000e-003	0.0000	0.5452	0.5452	1.0000e-005	0.0000	0.5456
Total	**4.9000e-004**	**8.1700e-003**	**4.2900e-003**	**4.0000e-005**	**0.0202**	**1.0000e-005**	**0.0202**	**2.2500e-003**	**1.0000e-005**	**2.2700e-003**	**0.0000**	**3.1959**	**3.1959**	**1.9000e-004**	**0.0000**	**3.2008**

3.29 Fire Station - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0156					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.6200e-003	0.0382	0.0531	9.0000e-005		2.0800e-003	2.0800e-003		2.0800e-003	2.0800e-003	0.0000	7.4895	7.4895	4.5000e-004	0.0000	7.5008
Total	**0.0212**	**0.0382**	**0.0531**	**9.0000e-005**		**2.0800e-003**	**2.0800e-003**		**2.0800e-003**	**2.0800e-003**	**0.0000**	**7.4895**	**7.4895**	**4.5000e-004**	**0.0000**	**7.5008**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	6.7100e-003	2.0800e-003	2.0000e-005	0.0174	1.0000e-005	0.0174	1.8500e-003	1.0000e-005	1.8500e-003	0.0000	2.2215	2.2215	1.5000e-004	0.0000	2.2253
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.4000e-004**	**6.8000e-003**	**3.0300e-003**	**2.0000e-005**	**0.0302**	**1.0000e-005**	**0.0302**	**3.1900e-003**	**1.0000e-005**	**3.1900e-003**	**0.0000**	**2.5071**	**2.5071**	**1.6000e-004**	**0.0000**	**2.5111**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0156					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.6200e-003	0.0382	0.0531	9.0000e-005		2.0800e-003	2.0800e-003		2.0800e-003	2.0800e-003	0.0000	7.4895	7.4895	4.5000e-004	0.0000	7.5007
Total	**0.0212**	**0.0382**	**0.0531**	**9.0000e-005**		**2.0800e-003**	**2.0800e-003**		**2.0800e-003**	**2.0800e-003**	**0.0000**	**7.4895**	**7.4895**	**4.5000e-004**	**0.0000**	**7.5007**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	6.7100e-003	2.0800e-003	2.0000e-005	7.7900e-003	1.0000e-005	7.8000e-003	8.9000e-004	1.0000e-005	8.9000e-004	0.0000	2.2215	2.2215	1.5000e-004	0.0000	2.2253
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.4000e-004**	**6.8000e-003**	**3.0300e-003**	**2.0000e-005**	**0.0135**	**1.0000e-005**	**0.0135**	**1.5100e-003**	**1.0000e-005**	**1.5200e-003**	**0.0000**	**2.5071**	**2.5071**	**1.6000e-004**	**0.0000**	**2.5111**

3.30 Fire Station Landscaping - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	1.4300e-003	0.0190	0.0305	5.0000e-005		6.4000e-004	6.4000e-004		5.9000e-004	5.9000e-004	0.0000	4.0013	4.0013	1.2900e-003	0.0000	4.0337
Total	**1.4300e-003**	**0.0190**	**0.0305**	**5.0000e-005**	**0.0000**	**6.4000e-004**	**6.4000e-004**	**0.0000**	**5.9000e-004**	**5.9000e-004**	**0.0000**	**4.0013**	**4.0013**	**1.2900e-003**	**0.0000**	**4.0337**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**0.0215**	**0.0000**	**0.0215**	**2.2600e-003**	**0.0000**	**2.2700e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1200e-003	0.0256	0.0345	5.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003	0.0000	4.0013	4.0013	1.2900e-003	0.0000	4.0337
Total	**1.1200e-003**	**0.0256**	**0.0345**	**5.0000e-005**	**0.0000**	**1.0500e-003**	**1.0500e-003**	**0.0000**	**1.0500e-003**	**1.0500e-003**	**0.0000**	**4.0013**	**4.0013**	**1.2900e-003**	**0.0000**	**4.0337**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**9.5800e-003**	**0.0000**	**9.5900e-003**	**1.0600e-003**	**0.0000**	**1.0800e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

3.31 Fire Station Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0108	0.1070	0.1531	2.4000e-004		5.3600e-003	5.3600e-003		4.9300e-003	4.9300e-003	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0108**	**0.1070**	**0.1531**	**2.4000e-004**		**5.3600e-003**	**5.3600e-003**		**4.9300e-003**	**4.9300e-003**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.0000e-003	2.4800e-003	3.0000e-005	0.0208	1.0000e-005	0.0208	2.2000e-003	1.0000e-005	2.2100e-003	0.0000	2.6507	2.6507	1.8000e-004	0.0000	2.6552
Worker	2.6000e-004	1.7000e-004	1.8100e-003	1.0000e-005	0.0244	0.0000	0.0244	2.5500e-003	0.0000	2.5500e-003	0.0000	0.5452	0.5452	1.0000e-005	0.0000	0.5456
Total	**4.9000e-004**	**8.1700e-003**	**4.2900e-003**	**4.0000e-005**	**0.0452**	**1.0000e-005**	**0.0452**	**4.7500e-003**	**1.0000e-005**	**4.7600e-003**	**0.0000**	**3.1959**	**3.1959**	**1.9000e-004**	**0.0000**	**3.2008**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.0000e-003	2.4800e-003	3.0000e-005	9.3000e-003	1.0000e-005	9.3100e-003	1.0600e-003	1.0000e-005	1.0700e-003	0.0000	2.6507	2.6507	1.8000e-004	0.0000	2.6552
Worker	2.6000e-004	1.7000e-004	1.8100e-003	1.0000e-005	0.0109	0.0000	0.0109	1.1900e-003	0.0000	1.2000e-003	0.0000	0.5452	0.5452	1.0000e-005	0.0000	0.5456
Total	**4.9000e-004**	**8.1700e-003**	**4.2900e-003**	**4.0000e-005**	**0.0202**	**1.0000e-005**	**0.0202**	**2.2500e-003**	**1.0000e-005**	**2.2700e-003**	**0.0000**	**3.1959**	**3.1959**	**1.9000e-004**	**0.0000**	**3.2008**

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Date: 8/22/2017 1:00 PM

Central Village Non-Residential 1-LEA

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Commercial 1 - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Building Construction	0.71	0.37	-0.08	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Grading	0.76	0.57	-0.19	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Landscaping	0.23	-0.21	-0.12	0.00	-0.38	-0.49	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Site Preparation	0.63	0.33	-0.04	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Building Construction	0.68	0.30	-0.10	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Grading	0.77	0.62	-0.16	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Landscaping	0.19	-0.29	-0.12	0.00	-0.64	-0.78	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Site Preparation	0.67	0.09	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Park 1 - Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Building Construction	0.77	0.27	0.05	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Grading	0.71	0.49	-0.02	0.00	0.96	0.98	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Landscaping	0.28	-0.13	-0.12	0.00	-0.16	-0.26	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Paving	0.70	0.21	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Site Preparation	0.83	0.72	-0.04	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Building Construction	0.73	0.18	0.03	0.00	0.79	0.78	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Grading	0.76	0.57	-0.19	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Landscaping	0.19	-0.29	-0.12	0.00	-0.64	-0.78	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Site Preparation	0.81	0.69	-0.08	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
School - Building Construction	0.66	0.34	-0.09	0.00	0.90	0.90	0.00	0.00	0.00	0.00	0.00	0.00
School - Grading	0.76	0.57	-0.19	0.00	0.96	0.95	0.00	0.00	0.00	0.00	0.00	0.00
School - Landscaping	0.26	-0.13	-0.12	0.00	-0.21	-0.26	0.00	0.00	0.00	0.00	0.00	0.00
School - Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
School - Site Prep	0.73	0.55	-0.25	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
School -Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst

Air Compressors	Diesel	Tier 4 Interim	0	5	No Change	0.00
Cranes	Diesel	Tier 4 Interim	3	3	No Change	0.00
Excavators	Diesel	Tier 4 Interim	3	3	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	11	11	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	3	3	No Change	0.00
Graders	Diesel	Tier 4 Interim	3	3	No Change	0.00
Pavers	Diesel	Tier 4 Interim	12	12	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	12	12	No Change	0.00
Rollers	Diesel	Tier 4 Interim	15	15	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	16	16	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	10	10	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	43	43	No Change	0.00
Welders	Diesel	Tier 4 Interim	5	5	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	2.91100E-002	1.99450E-001	2.64640E-001	4.30000E-004	1.12900E-002	1.12900E-002	0.00000E+000	3.72775E+001	3.72775E+001	2.35000E-003	0.00000E+000	3.73362E+001
Cranes	9.32100E-002	1.07181E+000	4.59390E-001	1.37000E-003	4.39600E-002	4.04500E-002	0.00000E+000	1.20140E+002	1.20140E+002	3.88600E-002	0.00000E+000	1.21111E+002
Excavators	1.95000E-003	1.83000E-002	2.78100E-002	4.00000E-005	8.90000E-004	8.20000E-004	0.00000E+000	3.85702E+000	3.85702E+000	1.25000E-003	0.00000E+000	3.88820E+000
Forklifts	9.84900E-002	9.03540E-001	9.25040E-001	1.22000E-003	6.27200E-002	5.77000E-002	0.00000E+000	1.06920E+002	1.06920E+002	3.45500E-002	0.00000E+000	1.07784E+002
Generator Sets	8.15100E-002	7.22660E-001	8.72260E-001	1.56000E-003	3.73300E-002	3.73300E-002	0.00000E+000	1.33954E+002	1.33954E+002	6.60000E-003	0.00000E+000	1.34119E+002
Graders	3.85000E-003	5.03600E-002	1.50200E-002	6.00000E-005	1.60000E-003	1.47000E-003	0.00000E+000	4.94807E+000	4.94807E+000	1.60000E-003	0.00000E+000	4.98808E+000
Pavers	2.24100E-002	2.24140E-001	3.17650E-001	5.20000E-004	1.06200E-002	9.77000E-003	0.00000E+000	4.54231E+001	4.54231E+001	1.46900E-002	0.00000E+000	4.57904E+001
Paving Equipment	1.92900E-002	1.84480E-001	2.80860E-001	4.50000E-004	9.01000E-003	8.29000E-003	0.00000E+000	3.93638E+001	3.93638E+001	1.27300E-002	0.00000E+000	3.96820E+001
Rollers	1.83400E-002	1.90460E-001	2.10060E-001	3.00000E-004	1.08000E-002	9.93000E-003	0.00000E+000	2.60486E+001	2.60486E+001	8.42000E-003	0.00000E+000	2.62592E+001
Rubber Tired Dozers	4.22400E-002	4.41920E-001	1.79430E-001	4.50000E-004	2.06100E-002	1.89600E-002	0.00000E+000	3.92104E+001	3.92104E+001	1.26600E-002	0.00000E+000	3.95270E+001
Skid Steer Loaders	6.36000E-003	8.45700E-002	1.27610E-001	1.90000E-004	3.11000E-003	2.86000E-003	0.00000E+000	1.67241E+001	1.67241E+001	5.41000E-003	0.00000E+000	1.68593E+001
Tractors/Loaders/Backhoes	1.58140E-001	1.60306E+000	1.99347E+000	2.75000E-003	9.15700E-002	8.42400E-002	0.00000E+000	2.42004E+002	2.42004E+002	7.82000E-002	0.00000E+000	2.43959E+002
Welders	9.72600E-002	4.84000E-001	5.53180E-001	8.20000E-004	2.35600E-002	2.35600E-002	0.00000E+000	6.05129E+001	6.05129E+001	7.90000E-003	0.00000E+000	6.07104E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	2.91100E-002	1.99450E-001	2.64640E-001	4.30000E-004	1.12900E-002	1.12900E-002	0.00000E+000	3.72775E+001	3.72775E+001	2.35000E-003	0.00000E+000	3.73362E+001
Cranes	2.24000E-002	3.61220E-001	7.28040E-001	1.37000E-003	2.24000E-003	2.24000E-003	0.00000E+000	1.20140E+002	1.20140E+002	3.88600E-002	0.00000E+000	1.21111E+002
Excavators	5.40000E-004	1.93500E-002	3.33000E-002	4.00000E-005	7.00000E-005	7.00000E-005	0.00000E+000	3.85701E+000	3.85701E+000	1.25000E-003	0.00000E+000	3.88820E+000
Forklifts	2.74700E-002	5.34440E-001	9.24030E-001	1.22000E-003	2.00000E-003	2.00000E-003	0.00000E+000	1.06920E+002	1.06920E+002	3.45500E-002	0.00000E+000	1.07783E+002
Generator Sets	2.85800E-002	5.56030E-001	9.61360E-001	1.56000E-003	2.08000E-003	2.08000E-003	0.00000E+000	1.33954E+002	1.33954E+002	6.60000E-003	0.00000E+000	1.34119E+002
Graders	9.20000E-004	1.48300E-002	2.98800E-002	6.00000E-005	9.00000E-005	9.00000E-005	0.00000E+000	4.94807E+000	4.94807E+000	1.60000E-003	0.00000E+000	4.98807E+000
Pavers	6.36000E-003	2.27740E-001	3.91930E-001	5.20000E-004	8.50000E-004	8.50000E-004	0.00000E+000	4.54231E+001	4.54231E+001	1.46900E-002	0.00000E+000	4.57904E+001
Paving Equipment	5.53000E-003	1.98210E-001	3.41110E-001	4.50000E-004	7.40000E-004	7.40000E-004	0.00000E+000	3.93637E+001	3.93637E+001	1.27300E-002	0.00000E+000	3.96820E+001
Rollers	6.66000E-003	1.29660E-001	2.24170E-001	3.00000E-004	4.80000E-004	4.80000E-004	0.00000E+000	2.60486E+001	2.60486E+001	8.42000E-003	0.00000E+000	2.62592E+001
Rubber Tired Dozers	7.28000E-003	1.17310E-001	2.36440E-001	4.50000E-004	7.30000E-004	7.30000E-004	0.00000E+000	3.92104E+001	3.92104E+001	1.26600E-002	0.00000E+000	3.95270E+001
Skid Steer Loaders	4.68000E-003	1.06920E-001	1.44390E-001	1.90000E-004	4.37000E-003	4.37000E-003	0.00000E+000	1.67241E+001	1.67241E+001	5.41000E-003	0.00000E+000	1.68593E+001
Tractors/Loaders/Backhoes	6.16400E-002	1.19916E+000	2.07331E+000	2.75000E-003	4.48000E-003	4.48000E-003	0.00000E+000	2.42004E+002	2.42004E+002	7.82000E-002	0.00000E+000	2.43959E+002
Welders	1.40800E-002	5.34060E-001	4.81240E-001	8.20000E-004	1.50200E-002	1.50200E-002	0.00000E+000	6.05129E+001	6.05129E+001	7.90000E-003	0.00000E+000	6.07103E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.07303E-006	1.07303E-006	0.00000E+000	0.00000E+000	1.07135E-006
Cranes	7.59682E-001	6.62981E-001	-5.84797E-001	0.00000E+000	9.49045E-001	9.44623E-001	0.00000E+000	1.16531E-006	1.16531E-006	0.00000E+000	0.00000E+000	1.15596E-006
Excavators	7.23077E-001	-5.73770E-002	-1.97411E-001	0.00000E+000	9.21348E-001	9.14634E-001	0.00000E+000	2.59268E-006	2.59268E-006	0.00000E+000	0.00000E+000	0.00000E+000
Forklifts	7.21088E-001	4.08504E-001	1.09184E-003	0.00000E+000	9.68112E-001	9.65338E-001	0.00000E+000	1.21587E-006	1.21587E-006	0.00000E+000	0.00000E+000	1.20612E-006
Generator Sets	6.49368E-001	2.30579E-001	-1.02148E-001	0.00000E+000	9.44281E-001	9.44281E-001	0.00000E+000	1.19444E-006	1.19444E-006	0.00000E+000	0.00000E+000	1.19297E-006
Graders	7.61039E-001	7.05520E-001	-9.89348E-001	0.00000E+000	9.43750E-001	9.38776E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.00478E-006
Pavers	7.16198E-001	-1.60614E-002	-2.33842E-001	0.00000E+000	9.19962E-001	9.12999E-001	0.00000E+000	1.10076E-006	1.10076E-006	0.00000E+000	0.00000E+000	1.09193E-006
Paving Equipment	7.13323E-001	-7.44254E-002	-2.14520E-001	0.00000E+000	9.17869E-001	9.10736E-001	0.00000E+000	1.27020E-006	1.27020E-006	0.00000E+000	0.00000E+000	1.26002E-006
Rollers	6.36859E-001	3.19227E-001	-6.71713E-002	0.00000E+000	9.55556E-001	9.51662E-001	0.00000E+000	1.15169E-006	1.15169E-006	0.00000E+000	0.00000E+000	1.52327E-006
Rubber Tired Dozers	8.27652E-001	7.34545E-001	-3.17728E-001	0.00000E+000	9.64580E-001	9.61498E-001	0.00000E+000	1.27517E-006	1.27517E-006	0.00000E+000	0.00000E+000	1.26496E-006
Skid Steer Loaders	2.64151E-001	-2.64278E-001	-1.31494E-001	0.00000E+000	-4.05145E-001	-5.27972E-001	0.00000E+000	1.19588E-006	1.19588E-006	0.00000E+000	0.00000E+000	1.18629E-006
Tractors/Loaders/Backhoes	6.10219E-001	2.51956E-001	-4.00508E-002	0.00000E+000	9.51076E-001	9.46819E-001	0.00000E+000	1.19833E-006	1.19833E-006	0.00000E+000	0.00000E+000	1.18872E-006
Welders	8.55233E-001	-1.03430E-001	1.30048E-001	0.00000E+000	3.62479E-001	3.62479E-001	0.00000E+000	1.15678E-006	1.15678E-006	0.00000E+000	0.00000E+000	1.31773E-006

Fugitive Dust Mitigation

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

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Commercial 1 - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1 - Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Commercial 1- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Building Construction	Roads	0.16	0.02	0.07	0.01	0.55	0.53
Commercial 1- Grading	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Commercial 1- Grading	Roads	0.01	0.00	0.00	0.00	0.56	0.54
Commercial 1- Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Commercial 1- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
Commercial 1- Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 1- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Fire Station - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station - Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Fire Station Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Building Construction	Roads	0.10	0.01	0.04	0.00	0.55	0.53
Fire Station Grading	Fugitive Dust	0.04	0.02	0.01	0.01	0.61	0.61
Fire Station Grading	Roads	0.01	0.00	0.00	0.00	0.56	0.54
Fire Station Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Fire Station Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
Fire Station Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Fire Station Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 1 - Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1 - Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Park 1- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Park 1- Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.62
Park 1- Grading	Roads	0.00	0.00	0.00	0.00	0.55	0.52

Park 1- Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 1- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 1- Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
Park 1- Site Preparation	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Park 1- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 4- Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Park 4- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Park 4- Grading	Fugitive Dust	0.01	0.01	0.01	0.00	0.61	0.61
Park 4- Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Park 4- Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Park 4- Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Park 4- Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.53
Park 4- Site Preparation	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Park 4- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.56	0.53
School - Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School - Building Construction	Roads	1.25	0.13	0.55	0.06	0.56	0.53
School - Grading	Fugitive Dust	0.05	0.02	0.02	0.01	0.61	0.61
School - Grading	Roads	0.01	0.00	0.01	0.00	0.56	0.53
School - Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School - Landscaping	Roads	0.01	0.00	0.00	0.00	0.55	0.52
School - Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School - Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
School - Site Prep	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
School - Site Prep	Roads	0.04	0.00	0.02	0.00	0.56	0.53
School -Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
School -Architectural Coating	Roads	0.06	0.01	0.02	0.00	0.55	0.53

Operational Percent Reduction Summary

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

Operational Mobile Mitigation

Project Setting:

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

No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

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

Energy Mitigation Measures

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

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

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Non-Residential 1-LEA	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Oct-22	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

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

CalEEMod Input Matrix
Project Characteristics

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

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/ Week**	**Total Days**
Commercial 1 - Architectural Coating	Architectural Coating	2022/10/01	2022/11/30	5	43
Fire Station - Architectural Coating	Architectural Coating	2023/08/01	2023/09/30	5	44
Park 1 - Architectural Coating	Coating	2022/12/01	2023/01/31	5	44
Park 4- Architectural Coating	Coating	2022/11/01	2022/12/31	5	44
School -Architectural Coating	Coating	2022/12/01	2023/01/31	5	44
Construction	Construction	2021/06/10	2021/11/30	5	124
Fire Station Building Construction	Building Construction	2022/02/10	2022/07/04	5	103
Park 1- Building Construction	Building Construction	2019/10/08	2020/02/03	5	85
Park 4- Building Construction	Construction	2021/09/08	2022/01/03	5	84
School - Building Construction	Construction	2021/07/22	2022/07/02	5	247
Commercial 1- Grading	Grading	2021/06/03	2021/06/09	5	5
Fire Station Grading	Grading	2022/02/04	2022/02/09	5	4
Park 1- Grading	Grading	2019/10/03	2019/10/07	5	3
Park 4- Grading	Grading	2021/09/03	2021/09/07	5	3
School - Grading	Grading	2021/07/09	2021/07/21	5	9
Commercial 1- Paving	Paving	2023/01/01	2023/01/31	5	22
Fire Station Paving	Paving	2023/12/01	2023/12/31	5	21
Park 1- Paving	Paving	2021/03/01	2021/03/31	5	23
Park 4- Paving	Paving	2023/02/01	2023/02/28	5	20
School - Paving	Paving	7/1/2023	7/31/2023	5	21
Commercial 1- Landscaping	Site Preparation	2022/12/01	2022/12/31	5	22
Commercial 1- Site Preparation	Site Preparation	2021/06/01	2021/06/02	5	2
Fire Station Landscaping	Site Preparation	2023/11/01	2023/11/30	5	22
Fire Station Site Preparation	Site Preparation	2022/02/01	2022/02/03	5	3
Park 1- Landscaping	Site Preparation	2/1/2021	2/28/2021	5	20

CalEEMod Input Sheet
Construction Phase

Park 1- Site Preparation	Site Preparation	2019/10/01	2019/10/02	5	2
Park 4- Landscaping	Site Preparation	1/1/2023	1/31/2023	5	22
Park 4- Site Preparation	Site Preparation	2021/09/01	2021/09/02	5	2
School - Landscaping	Site Preparation	2021/07/01	2021/07/08	5	6
School - Site Prep	Site Preparation	2023/07/01	2023/07/31	5	21

CalEEMod Input Sheet
Construction Phase

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

Table 7: Dust from Material Movement							
Phase Name	**Material Imported**	**Material Exported**	**Material Import/Exp**	**Mean Vehicle**	**Total Acres Graded**	**Material Moisture**	**Material Silt Content**
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

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

CalEEMod Input Sheet
Construction Phase

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

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

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

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

CalEEMod Input Sheet
Construction Phase

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
School - Architectural Coating	N/A	N/A	N/A	N/A	50	90,000	100	30,000	100	10,500
Park 1 - Architectural Coating	N/A	N/A	N/A	N/A	50	630	100	210	100	840
Park 4- Architectural Coating	N/A	N/A	N/A	N/A	50	630	100	210	100	360
Fire Station - Architectural Coating	N/A	N/A	N/A	N/A	50	11,250	100	3,750	100	1,500
Commercial 1 - Architectural Coating	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	480

CalEEMod Input Sheet
Construction Mobile

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

Table 13: Vehicle Emissions
default

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

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

CalEEMod Input Sheet
Construction Mobile

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

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

CalEEMod Input Sheet
Construction Mitigation

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

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	61
PM 2.5 (% Reduction)	61
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/22/2017 2:23 PM

Central Village Non-Residential -LEA 2 - San Diego County, Annual

Central Village Non-Residential -LEA 2

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	97,340.00	3

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

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

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	65705	0
tblAreaCoating	Area_Residential_Interior	197114	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	124.00
tblConstructionPhase	NumDays	0.00	122.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	4.00
tblConstructionPhase	NumDays	0.00	1.00
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	2.00

tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-16
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	BuildingSpaceSquareFeet	0.00	97,340.00
tblLandUse	LandUseSquareFeet	0.00	97,340.00
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.38	0.38

tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws

tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers

tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	PhaseName		Community Facility in MU - Site Preparation
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00

tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1631	1.2773	1.0706	1.9000e-003	0.1976	0.0660	0.2636	0.0288	0.0624	0.0912	0.0000	162.8939	162.8939	0.0372	0.0000	163.8243
2021	0.1183	0.9757	0.8504	1.5400e-003	0.2222	0.0490	0.2712	0.0234	0.0453	0.0686	0.0000	136.4957	136.4957	0.0381	0.0000	137.4490
2023	0.0775	0.6087	0.5923	1.1100e-003	0.1121	0.0286	0.1407	0.0125	0.0265	0.0389	0.0000	98.0656	98.0656	0.0279	0.0000	98.7636
2024	0.0747	0.5820	0.5960	1.1300e-003	0.1274	0.0260	0.1535	0.0201	0.0240	0.0442	0.0000	99.8523	99.8523	0.0284	0.0000	100.5614
Maximum	**0.1631**	**1.2773**	**1.0706**	**1.9000e-003**	**0.2222**	**0.0660**	**0.2712**	**0.0288**	**0.0624**	**0.0912**	**0.0000**	**162.8939**	**162.8939**	**0.0381**	**0.0000**	**163.8243**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1631	1.2773	1.0706	1.9000e-003	0.0870	0.0660	0.1530	0.0128	0.0624	0.0752	0.0000	162.8937	162.8937	0.0372	0.0000	163.8241
2021	0.1183	0.9757	0.8504	1.5400e-003	0.0990	0.0490	0.1480	0.0111	0.0453	0.0563	0.0000	136.4956	136.4956	0.0381	0.0000	137.4488
2023	0.0775	0.6087	0.5923	1.1100e-003	0.0499	0.0286	0.0785	5.8400e-003	0.0265	0.0323	0.0000	98.0654	98.0654	0.0279	0.0000	98.7635
2024	0.0747	0.5820	0.5960	1.1300e-003	0.0559	0.0260	0.0820	8.8300e-003	0.0240	0.0329	0.0000	99.8522	99.8522	0.0284	0.0000	100.5613
Maximum	**0.1631**	**1.2773**	**1.0706**	**1.9000e-003**	**0.0990**	**0.0660**	**0.1530**	**0.0128**	**0.0624**	**0.0752**	**0.0000**	**162.8937**	**162.8937**	**0.0381**	**0.0000**	**163.8241**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**55.73**	**0.00**	**44.33**	**54.54**	**0.00**	**19.02**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2020	9-30-2020	0.6842	0.6842
2	10-1-2020	12-31-2020	0.7084	0.7084
3	1-1-2021	3-31-2021	0.8815	0.8815
4	4-1-2021	6-30-2021	0.1671	0.1671
12	4-1-2023	6-30-2023	0.0836	0.0836
13	7-1-2023	9-30-2023	0.3747	0.3747
14	10-1-2023	12-31-2023	0.2205	0.2205
16	4-1-2024	6-30-2024	0.1062	0.1062
17	7-1-2024	9-30-2024	0.3044	0.3044
		Highest	0.8815	0.8815

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	2.3000e-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	**2.3000e-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	2.3000e-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	**2.3000e-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	Community Facility in MU - Site Preparation	Site Preparation	7/1/2020	7/2/2020	5	2	
2	Community Facility in MU - Grading	Grading	7/3/2020	7/5/2020	5	1	
3	Community Facility in MU - Building Construction	Building Construction	7/8/2020	11/1/2020	5	83	
4	Community Facility in MU - Architectural Coatings	Architectural Coating	9/1/2020	9/30/2020	6	22	
5	Community Facility in MU - Landscape	Site Preparation	12/1/2020	12/31/2020	5	23	
6	Senior Activity Center Site Landscaping	Site Preparation	12/1/2020	12/2/2020	5	2	
7	Swim Club Central Site Prep	Site Preparation	12/1/2020	12/2/2020	5	2	
8	Community Facility in MU - Paving	Paving	12/1/2020	12/31/2020	5	23	
9	Senior Activity Center Grading	Grading	12/3/2020	12/5/2020	5	2	
10	Swim Club Central Grading	Grading	12/3/2020	12/5/2020	5	2	
11	Senior Activity Center Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
12	Swim Club Central Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
13	Senior Activity Center Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
14	Swim Club Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
15	Senior Activity Center Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
16	Swim Club Central Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
17	Senior Activity Center Paving	Paving	5/1/2021	5/31/2021	5	21	
18	Commercial 2- Site Preparation	Site Preparation	6/1/2023	6/3/2023	5	2	
19	Commercial 2- Grading	Grading	6/6/2023	6/10/2023	5	4	
20	Commercial 2- Building Construction	Building Construction	6/13/2023	12/1/2023	5	124	
21	Commercial 3- Architectural coating	Architectural Coating	9/1/2023	9/30/2023	6	21	
22	Commercial 3- Site Preparation	Site Preparation	6/1/2024	6/5/2024	5	3	
23	Commercial 3- Grading	Grading	6/6/2024	6/12/2024	5	5	
24	Commercial 3- Building Construction	Building Construction	6/13/2024	12/1/2024	5	122	
25	Commercial 2- Architectural coating	Architectural Coating	10/1/2024	10/31/2024	6	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,500; Non-Residential Outdoor: 2,500; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Swim Club Central Building Construction	Forklifts	2	8.00	89	0.20
Swim Club Central Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Architectural Coating	Air Compressors	1	8.00	78	0.48
Swim Club Architectural Coating	Air Compressors	1	8.00	78	0.48
Senior Activity Center Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Senior Activity Center Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Paving	Paving Equipment	2	8.00	132	0.36
Senior Activity Center Paving	Pavers	2	8.00	130	0.42
Commercial 2- Site Preparation	Graders	1	8.00	187	0.41
Commercial 2- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 2- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Commercial 2- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 2- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Commercial 2- Building Construction	Cranes	1	8.00	231	0.29
Commercial 2- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 2- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Architectural coating	Air Compressors	1	8.00	78	0.48
Commercial 3- Site Preparation	Graders	1	8.00	187	0.41
Commercial 3- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 3- Grading	Rubber Tired Dozers	1	8.00	247	0.40
Commercial 3- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 3- Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Building Construction	Cranes	1	8.00	231	0.29
Commercial 3- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 3- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 2- Architectural coating	Air Compressors	1	8.00	78	0.48

Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Graders	1	8.00	187	0.41
Community Facility in MU - Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Community Facility in MU - Grading	Rubber Tired Loaders	1	8.00	203	0.36
Community Facility in MU - Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Grading	Graders	1	8.00	187	0.41
Community Facility in MU - Building Construction	Cranes	1	8.00	231	0.29
Community Facility in MU - Building Construction	Forklifts	1	8.00	89	0.20
Community Facility in MU - Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Building Construction	Welders	3	8.00	46	0.45
Community Facility in MU - Building Construction	Generator Sets	1	8.00	84	0.74
Community Facility in MU - Architectural Coatings	Air Compressors	1	8.00	78	0.48
Community Facility in MU - Landscape	Skid Steer Loaders	2	8.00	65	0.37

Senior Activity Center Site Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Site Prep	Graders	1	8.00	187	0.41
Swim Club Central Site Prep	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Paving	Pavers	2	8.00	130	0.42
Community Facility in MU - Paving	Paving Equipment	2	8.00	132	0.36
Community Facility in MU - Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Grading	Rubber Tired Dozers	1	8.00	247	0.40
Senior Activity Center Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Senior Activity Center Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Grading	Rubber Tired Dozers	1	8.00	247	0.40
Swim Club Central Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Swim Club Central Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Building Construction	Cranes	1	8.00	231	0.29
Senior Activity Center Building Construction	Forklifts	2	8.00	89	0.20
Senior Activity Center Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Building Construction	Cranes	1	8.00	231	0.29

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Community Facility in MLL- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Grading		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Building		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Architectural		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Landscape		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Site Landscaping		8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Site Prep		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Paving		4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Building Construction		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Paving		8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Community Facility in MU - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.5500e-003	0.0000	6.5500e-003	3.3700e-003	0.0000	3.3700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7600e-003	0.0198	8.2300e-003	2.0000e-005		8.9000e-004	8.9000e-004		8.2000e-004	8.2000e-004	0.0000	1.6065	1.6065	5.2000e-004	0.0000	1.6195
Total	**1.7600e-003**	**0.0198**	**8.2300e-003**	**2.0000e-005**	**6.5500e-003**	**8.9000e-004**	**7.4400e-003**	**3.3700e-003**	**8.2000e-004**	**4.1900e-003**	**0.0000**	**1.6065**	**1.6065**	**5.2000e-004**	**0.0000**	**1.6195**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0290	0.0290	0.0000	0.0000	0.0290
Total	**3.0000e-005**	**4.7000e-004**	**2.3000e-004**	**0.0000**	**1.9500e-003**	**0.0000**	**1.9500e-003**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.1345**	**0.1345**	**1.0000e-005**	**0.0000**	**0.1348**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.5600e-003	0.0000	2.5600e-003	1.3100e-003	0.0000	1.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7600e-003	0.0198	8.2300e-003	2.0000e-005		8.9000e-004	8.9000e-004		8.2000e-004	8.2000e-004	0.0000	1.6065	1.6065	5.2000e-004	0.0000	1.6195
Total	**1.7600e-003**	**0.0198**	**8.2300e-003**	**2.0000e-005**	**2.5600e-003**	**8.9000e-004**	**3.4500e-003**	**1.3100e-003**	**8.2000e-004**	**2.1300e-003**	**0.0000**	**1.6065**	**1.6065**	**5.2000e-004**	**0.0000**	**1.6195**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0290	0.0290	0.0000	0.0000	0.0290
Total	**3.0000e-005**	**4.7000e-004**	**2.3000e-004**	**0.0000**	**8.7000e-004**	**0.0000**	**8.8000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.1345**	**0.1345**	**1.0000e-005**	**0.0000**	**0.1348**

3.3 Community Facility in MU - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	5.3000e-004	6.4200e-003	2.8600e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.2000e-004	2.2000e-004	0.0000	0.7025	0.7025	2.3000e-004	0.0000	0.7081
Total	**5.3000e-004**	**6.4200e-003**	**2.8600e-003**	**1.0000e-005**	**2.7000e-004**	**2.4000e-004**	**5.1000e-004**	**3.0000e-005**	**2.2000e-004**	**2.5000e-004**	**0.0000**	**0.7025**	**0.7025**	**2.3000e-004**	**0.0000**	**0.7081**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	2.3000e-004	6.0000e-005	0.0000	4.0000e-004	0.0000	4.0000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529
Worker	1.0000e-005	1.0000e-005	5.0000e-005	0.0000	5.8000e-004	0.0000	5.8000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0145	0.0145	0.0000	0.0000	0.0145
Total	**2.0000e-005**	**2.4000e-004**	**1.1000e-004**	**0.0000**	**9.8000e-004**	**0.0000**	**9.8000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.0673**	**0.0673**	**0.0000**	**0.0000**	**0.0674**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.3000e-004	6.4200e-003	2.8600e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.2000e-004	2.2000e-004	0.0000	0.7025	0.7025	2.3000e-004	0.0000	0.7081
Total	**5.3000e-004**	**6.4200e-003**	**2.8600e-003**	**1.0000e-005**	**1.0000e-004**	**2.4000e-004**	**3.4000e-004**	**1.0000e-005**	**2.2000e-004**	**2.3000e-004**	**0.0000**	**0.7025**	**0.7025**	**2.3000e-004**	**0.0000**	**0.7081**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	2.3000e-004	6.0000e-005	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529
Worker	1.0000e-005	1.0000e-005	5.0000e-005	0.0000	2.6000e-004	0.0000	2.6000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0145	0.0145	0.0000	0.0000	0.0145
Total	**2.0000e-005**	**2.4000e-004**	**1.1000e-004**	**0.0000**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.0673**	**0.0673**	**0.0000**	**0.0000**	**0.0674**

3.4 Community Facility in MU - Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0925	0.7034	0.6044	1.0200e-003		0.0377	0.0377		0.0362	0.0362	0.0000	84.6676	84.6676	0.0170	0.0000	85.0927
Total	**0.0925**	**0.7034**	**0.6044**	**1.0200e-003**		**0.0377**	**0.0377**		**0.0362**	**0.0362**	**0.0000**	**84.6676**	**84.6676**	**0.0170**	**0.0000**	**85.0927**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.3000e-004	0.0189	5.0300e-003	4.0000e-005	0.0329	9.0000e-005	0.0329	3.4800e-003	9.0000e-005	3.5700e-003	0.0000	4.3801	4.3801	3.4000e-004	0.0000	4.3885
Worker	3.1000e-004	2.3000e-004	2.2200e-003	1.0000e-005	0.0242	0.0000	0.0242	2.5200e-003	0.0000	2.5200e-003	0.0000	0.6017	0.6017	2.0000e-005	0.0000	0.6021
Total	**9.4000e-004**	**0.0192**	**7.2500e-003**	**5.0000e-005**	**0.0570**	**9.0000e-005**	**0.0571**	**6.0000e-003**	**9.0000e-005**	**6.0900e-003**	**0.0000**	**4.9818**	**4.9818**	**3.6000e-004**	**0.0000**	**4.9906**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0925	0.7034	0.6044	1.0200e-003		0.0377	0.0377		0.0362	0.0362	0.0000	84.6675	84.6675	0.0170	0.0000	85.0926
Total	**0.0925**	**0.7034**	**0.6044**	**1.0200e-003**		**0.0377**	**0.0377**		**0.0362**	**0.0362**	**0.0000**	**84.6675**	**84.6675**	**0.0170**	**0.0000**	**85.0926**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.3000e-004	0.0189	5.0300e-003	4.0000e-005	0.0147	9.0000e-005	0.0148	1.6700e-003	9.0000e-005	1.7600e-003	0.0000	4.3801	4.3801	3.4000e-004	0.0000	4.3885
Worker	3.1000e-004	2.3000e-004	2.2200e-003	1.0000e-005	0.0107	0.0000	0.0107	1.1800e-003	0.0000	1.1800e-003	0.0000	0.6017	0.6017	2.0000e-005	0.0000	0.6021
Total	**9.4000e-004**	**0.0192**	**7.2500e-003**	**5.0000e-005**	**0.0254**	**9.0000e-005**	**0.0255**	**2.8500e-003**	**9.0000e-005**	**2.9400e-003**	**0.0000**	**4.9818**	**4.9818**	**3.6000e-004**	**0.0000**	**4.9906**

3.5 Community Facility in MU - Architectural Coatings - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0174					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.2000e-003	0.0292	0.0317	5.0000e-005		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	4.4256	4.4256	3.4000e-004	0.0000	4.4342
Total	**0.0216**	**0.0292**	**0.0317**	**5.0000e-005**		**1.9200e-003**	**1.9200e-003**		**1.9200e-003**	**1.9200e-003**	**0.0000**	**4.4256**	**4.4256**	**3.4000e-004**	**0.0000**	**4.4342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	5.9300e-003	1.5700e-003	1.0000e-005	0.0103	3.0000e-005	0.0103	1.0900e-003	3.0000e-005	1.1200e-003	0.0000	1.3721	1.3721	1.1000e-004	0.0000	1.3747
Worker	1.0000e-004	7.0000e-005	7.0000e-004	0.0000	7.5600e-003	0.0000	7.5700e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.1885	0.1885	1.0000e-005	0.0000	0.1886
Total	**3.0000e-004**	**6.0000e-003**	**2.2700e-003**	**1.0000e-005**	**0.0179**	**3.0000e-005**	**0.0179**	**1.8800e-003**	**3.0000e-005**	**1.9100e-003**	**0.0000**	**1.5606**	**1.5606**	**1.2000e-004**	**0.0000**	**1.5633**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0174					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.2000e-003	0.0292	0.0317	5.0000e-005		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	4.4256	4.4256	3.4000e-004	0.0000	4.4342
Total	**0.0216**	**0.0292**	**0.0317**	**5.0000e-005**		**1.9200e-003**	**1.9200e-003**		**1.9200e-003**	**1.9200e-003**	**0.0000**	**4.4256**	**4.4256**	**3.4000e-004**	**0.0000**	**4.4342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	5.9300e-003	1.5700e-003	1.0000e-005	4.6000e-003	3.0000e-005	4.6300e-003	5.2000e-004	3.0000e-005	5.5000e-004	0.0000	1.3721	1.3721	1.1000e-004	0.0000	1.3747
Worker	1.0000e-004	7.0000e-005	7.0000e-004	0.0000	3.3600e-003	0.0000	3.3600e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.1885	0.1885	1.0000e-005	0.0000	0.1886
Total	**3.0000e-004**	**6.0000e-003**	**2.2700e-003**	**1.0000e-005**	**7.9600e-003**	**3.0000e-005**	**7.9900e-003**	**8.9000e-004**	**3.0000e-005**	**9.2000e-004**	**0.0000**	**1.5606**	**1.5606**	**1.2000e-004**	**0.0000**	**1.5633**

3.6 Community Facility in MU - Landscape - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8300e-003	0.0243	0.0318	5.0000e-005		1.0500e-003	1.0500e-003		9.7000e-004	9.7000e-004	0.0000	4.1596	4.1596	1.3500e-003	0.0000	4.1933
Total	**1.8300e-003**	**0.0243**	**0.0318**	**5.0000e-005**		**1.0500e-003**	**1.0500e-003**		**9.7000e-004**	**9.7000e-004**	**0.0000**	**4.1596**	**4.1596**	**1.3500e-003**	**0.0000**	**4.1933**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.2400e-003	1.3900e-003	1.0000e-005	9.1000e-003	3.0000e-005	9.1300e-003	9.7000e-004	2.0000e-005	9.9000e-004	0.0000	1.2138	1.2138	9.0000e-005	0.0000	1.2161
Worker	1.7000e-004	1.3000e-004	1.2300e-003	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.3334	0.3334	1.0000e-005	0.0000	0.3337
Total	**3.5000e-004**	**5.3700e-003**	**2.6200e-003**	**1.0000e-005**	**0.0225**	**3.0000e-005**	**0.0225**	**2.3700e-003**	**2.0000e-005**	**2.3900e-003**	**0.0000**	**1.5472**	**1.5472**	**1.0000e-004**	**0.0000**	**1.5498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0243	0.0318	5.0000e-005		1.0500e-003	1.0500e-003		9.7000e-004	9.7000e-004	0.0000	4.1596	4.1596	1.3500e-003	0.0000	4.1933
Total	**1.8300e-003**	**0.0243**	**0.0318**	**5.0000e-005**		**1.0500e-003**	**1.0500e-003**		**9.7000e-004**	**9.7000e-004**	**0.0000**	**4.1596**	**4.1596**	**1.3500e-003**	**0.0000**	**4.1933**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.2400e-003	1.3900e-003	1.0000e-005	4.0700e-003	3.0000e-005	4.1000e-003	4.6000e-004	2.0000e-005	4.9000e-004	0.0000	1.2138	1.2138	9.0000e-005	0.0000	1.2161
Worker	1.7000e-004	1.3000e-004	1.2300e-003	0.0000	5.9400e-003	0.0000	5.9500e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.3334	0.3334	1.0000e-005	0.0000	0.3337
Total	**3.5000e-004**	**5.3700e-003**	**2.6200e-003**	**1.0000e-005**	**0.0100**	**3.0000e-005**	**0.0101**	**1.1100e-003**	**2.0000e-005**	**1.1400e-003**	**0.0000**	**1.5472**	**1.5472**	**1.0000e-004**	**0.0000**	**1.5498**

3.7 Senior Activity Center Site Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6000e-004	2.1200e-003	2.7700e-003	0.0000		9.0000e-005	9.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.3617	0.3617	1.2000e-004	0.0000	0.3646
Total	**1.6000e-004**	**2.1200e-003**	**2.7700e-003**	**0.0000**		**9.0000e-005**	**9.0000e-005**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.3617**	**0.3617**	**1.2000e-004**	**0.0000**	**0.3646**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	3.0000e-005	2.0000e-005	2.1000e-004	0.0000	2.3300e-003	0.0000	2.3300e-003	2.4000e-004	0.0000	2.4000e-004	0.0000	0.0580	0.0580	0.0000	0.0000	0.0580
Total	**5.0000e-005**	**4.8000e-004**	**3.3000e-004**	**0.0000**	**3.1200e-003**	**0.0000**	**3.1200e-003**	**3.2000e-004**	**0.0000**	**3.3000e-004**	**0.0000**	**0.1635**	**0.1635**	**1.0000e-005**	**0.0000**	**0.1638**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6000e-004	2.1200e-003	2.7700e-003	0.0000		9.0000e-005	9.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.3617	0.3617	1.2000e-004	0.0000	0.3646
Total	**1.6000e-004**	**2.1200e-003**	**2.7700e-003**	**0.0000**		**9.0000e-005**	**9.0000e-005**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.3617**	**0.3617**	**1.2000e-004**	**0.0000**	**0.3646**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	3.0000e-005	2.0000e-005	2.1000e-004	0.0000	1.0300e-003	0.0000	1.0300e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0580	0.0580	0.0000	0.0000	0.0580
Total	**5.0000e-005**	**4.8000e-004**	**3.3000e-004**	**0.0000**	**1.3800e-003**	**0.0000**	**1.3900e-003**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**0.1635**	**0.1635**	**1.0000e-005**	**0.0000**	**0.1638**

3.8 Swim Club Central Site Prep - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.9000e-004	8.4300e-003	4.0900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8559	0.8559	2.8000e-004	0.0000	0.8628
Total	**6.9000e-004**	**8.4300e-003**	**4.0900e-003**	**1.0000e-005**	**5.3000e-004**	**3.4000e-004**	**8.7000e-004**	**6.0000e-005**	**3.1000e-004**	**3.7000e-004**	**0.0000**	**0.8559**	**0.8559**	**2.8000e-004**	**0.0000**	**0.8628**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0290	0.0290	0.0000	0.0000	0.0290
Total	**3.0000e-005**	**4.7000e-004**	**2.3000e-004**	**0.0000**	**1.9500e-003**	**0.0000**	**1.9500e-003**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.1345**	**0.1345**	**1.0000e-005**	**0.0000**	**0.1348**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.1000e-004	0.0000	2.1000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.9000e-004	8.4300e-003	4.0900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8559	0.8559	2.8000e-004	0.0000	0.8628
Total	**6.9000e-004**	**8.4300e-003**	**4.0900e-003**	**1.0000e-005**	**2.1000e-004**	**3.4000e-004**	**5.5000e-004**	**2.0000e-005**	**3.1000e-004**	**3.3000e-004**	**0.0000**	**0.8559**	**0.8559**	**2.8000e-004**	**0.0000**	**0.8628**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0290	0.0290	0.0000	0.0000	0.0290
Total	**3.0000e-005**	**4.7000e-004**	**2.3000e-004**	**0.0000**	**8.7000e-004**	**0.0000**	**8.8000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.1345**	**0.1345**	**1.0000e-005**	**0.0000**	**0.1348**

3.9 Community Facility in MU - Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0154	0.1598	0.1664	2.6000e-004		8.5500e-003	8.5500e-003		7.8700e-003	7.8700e-003	0.0000	22.7494	22.7494	7.3600e-003	0.0000	22.9334
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0154**	**0.1598**	**0.1664**	**2.6000e-004**		**8.5500e-003**	**8.5500e-003**		**7.8700e-003**	**7.8700e-003**	**0.0000**	**22.7494**	**22.7494**	**7.3600e-003**	**0.0000**	**22.9334**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4000e-004	0.0131	3.4800e-003	3.0000e-005	0.0228	6.0000e-005	0.0228	2.4100e-003	6.0000e-005	2.4700e-003	0.0000	3.0344	3.0344	2.3000e-004	0.0000	3.0402
Worker	1.7000e-004	1.3000e-004	1.2300e-003	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.3334	0.3334	1.0000e-005	0.0000	0.3337
Total	**6.1000e-004**	**0.0132**	**4.7100e-003**	**3.0000e-005**	**0.0361**	**6.0000e-005**	**0.0362**	**3.8100e-003**	**6.0000e-005**	**3.8700e-003**	**0.0000**	**3.3679**	**3.3679**	**2.4000e-004**	**0.0000**	**3.3739**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0154	0.1598	0.1664	2.6000e-004		8.5500e-003	8.5500e-003		7.8700e-003	7.8700e-003	0.0000	22.7494	22.7494	7.3600e-003	0.0000	22.9333
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0154**	**0.1598**	**0.1664**	**2.6000e-004**		**8.5500e-003**	**8.5500e-003**		**7.8700e-003**	**7.8700e-003**	**0.0000**	**22.7494**	**22.7494**	**7.3600e-003**	**0.0000**	**22.9333**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4000e-004	0.0131	3.4800e-003	3.0000e-005	0.0102	6.0000e-005	0.0103	1.1600e-003	6.0000e-005	1.2200e-003	0.0000	3.0344	3.0344	2.3000e-004	0.0000	3.0402
Worker	1.7000e-004	1.3000e-004	1.2300e-003	0.0000	5.9400e-003	0.0000	5.9500e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.3334	0.3334	1.0000e-005	0.0000	0.3337
Total	**6.1000e-004**	**0.0132**	**4.7100e-003**	**3.0000e-005**	**0.0161**	**6.0000e-005**	**0.0162**	**1.8100e-003**	**6.0000e-005**	**1.8700e-003**	**0.0000**	**3.3679**	**3.3679**	**2.4000e-004**	**0.0000**	**3.3739**

3.10 Senior Activity Center Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0200e-003	0.0000	6.0200e-003	3.3100e-003	0.0000	3.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0188	0.0124	2.0000e-005		1.0200e-003	1.0200e-003		9.5000e-004	9.5000e-004	0.0000	1.8339	1.8339	4.5000e-004	0.0000	1.8453
Total	**1.9200e-003**	**0.0188**	**0.0124**	**2.0000e-005**	**6.0200e-003**	**1.0200e-003**	**7.0400e-003**	**3.3100e-003**	**9.5000e-004**	**4.2600e-003**	**0.0000**	**1.8339**	**1.8339**	**4.5000e-004**	**0.0000**	**1.8453**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	1.7500e-003	0.0000	1.7500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0435	0.0435	0.0000	0.0000	0.0435
Total	**4.0000e-005**	**4.8000e-004**	**2.8000e-004**	**0.0000**	**2.5400e-003**	**0.0000**	**2.5400e-003**	**2.6000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**0.1490**	**0.1490**	**1.0000e-005**	**0.0000**	**0.1493**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.3500e-003	0.0000	2.3500e-003	1.2900e-003	0.0000	1.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0188	0.0124	2.0000e-005		1.0200e-003	1.0200e-003		9.5000e-004	9.5000e-004	0.0000	1.8339	1.8339	4.5000e-004	0.0000	1.8452
Total	**1.9200e-003**	**0.0188**	**0.0124**	**2.0000e-005**	**2.3500e-003**	**1.0200e-003**	**3.3700e-003**	**1.2900e-003**	**9.5000e-004**	**2.2400e-003**	**0.0000**	**1.8339**	**1.8339**	**4.5000e-004**	**0.0000**	**1.8452**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	7.8000e-004	0.0000	7.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0435	0.0435	0.0000	0.0000	0.0435
Total	**4.0000e-005**	**4.8000e-004**	**2.8000e-004**	**0.0000**	**1.1300e-003**	**0.0000**	**1.1400e-003**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.1490**	**0.1490**	**1.0000e-005**	**0.0000**	**0.1493**

3.11 Swim Club Central Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0200e-003	0.0000	6.0200e-003	3.3100e-003	0.0000	3.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0188	0.0124	2.0000e-005		1.0200e-003	1.0200e-003		9.5000e-004	9.5000e-004	0.0000	1.8339	1.8339	4.5000e-004	0.0000	1.8453
Total	**1.9200e-003**	**0.0188**	**0.0124**	**2.0000e-005**	**6.0200e-003**	**1.0200e-003**	**7.0400e-003**	**3.3100e-003**	**9.5000e-004**	**4.2600e-003**	**0.0000**	**1.8339**	**1.8339**	**4.5000e-004**	**0.0000**	**1.8453**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	1.7500e-003	0.0000	1.7500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0435	0.0435	0.0000	0.0000	0.0435
Total	**4.0000e-005**	**4.8000e-004**	**2.8000e-004**	**0.0000**	**2.5400e-003**	**0.0000**	**2.5400e-003**	**2.6000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**0.1490**	**0.1490**	**1.0000e-005**	**0.0000**	**0.1493**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.3500e-003	0.0000	2.3500e-003	1.2900e-003	0.0000	1.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0188	0.0124	2.0000e-005		1.0200e-003	1.0200e-003		9.5000e-004	9.5000e-004	0.0000	1.8339	1.8339	4.5000e-004	0.0000	1.8452
Total	**1.9200e-003**	**0.0188**	**0.0124**	**2.0000e-005**	**2.3500e-003**	**1.0200e-003**	**3.3700e-003**	**1.2900e-003**	**9.5000e-004**	**2.2400e-003**	**0.0000**	**1.8339**	**1.8339**	**4.5000e-004**	**0.0000**	**1.8452**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	7.8000e-004	0.0000	7.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0435	0.0435	0.0000	0.0000	0.0435
Total	**4.0000e-005**	**4.8000e-004**	**2.8000e-004**	**0.0000**	**1.1300e-003**	**0.0000**	**1.1400e-003**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.1490**	**0.1490**	**1.0000e-005**	**0.0000**	**0.1493**

3.12 Senior Activity Center Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1155	0.0856	1.4000e-004		6.4600e-003	6.4600e-003		5.9500e-003	5.9500e-003	0.0000	12.5117	12.5117	4.0500e-003	0.0000	12.6129
Total	**0.0110**	**0.1155**	**0.0856**	**1.4000e-004**		**6.4600e-003**	**6.4600e-003**		**5.9500e-003**	**5.9500e-003**	**0.0000**	**12.5117**	**12.5117**	**4.0500e-003**	**0.0000**	**12.6129**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.3300e-003	1.1500e-003	1.0000e-005	7.5200e-003	2.0000e-005	7.5400e-003	8.0000e-004	2.0000e-005	8.2000e-004	0.0000	1.0027	1.0027	8.0000e-005	0.0000	1.0046
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	0.0111	0.0000	0.0111	1.1500e-003	0.0000	1.1500e-003	0.0000	0.2755	0.2755	1.0000e-005	0.0000	0.2757
Total	**2.8000e-004**	**4.4300e-003**	**2.1700e-003**	**1.0000e-005**	**0.0186**	**2.0000e-005**	**0.0186**	**1.9500e-003**	**2.0000e-005**	**1.9700e-003**	**0.0000**	**1.2781**	**1.2781**	**9.0000e-005**	**0.0000**	**1.2803**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1155	0.0856	1.4000e-004		6.4600e-003	6.4600e-003		5.9500e-003	5.9500e-003	0.0000	12.5117	12.5117	4.0500e-003	0.0000	12.6129
Total	**0.0110**	**0.1155**	**0.0856**	**1.4000e-004**		**6.4600e-003**	**6.4600e-003**		**5.9500e-003**	**5.9500e-003**	**0.0000**	**12.5117**	**12.5117**	**4.0500e-003**	**0.0000**	**12.6129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.3300e-003	1.1500e-003	1.0000e-005	3.3600e-003	2.0000e-005	3.3900e-003	3.8000e-004	2.0000e-005	4.0000e-004	0.0000	1.0027	1.0027	8.0000e-005	0.0000	1.0046
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	4.9100e-003	0.0000	4.9100e-003	5.4000e-004	0.0000	5.4000e-004	0.0000	0.2755	0.2755	1.0000e-005	0.0000	0.2757
Total	**2.8000e-004**	**4.4300e-003**	**2.1700e-003**	**1.0000e-005**	**8.2700e-003**	**2.0000e-005**	**8.3000e-003**	**9.2000e-004**	**2.0000e-005**	**9.4000e-004**	**0.0000**	**1.2781**	**1.2781**	**9.0000e-005**	**0.0000**	**1.2803**

3.12 Senior Activity Center Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0334	0.3508	0.2822	4.8000e-004		0.0188	0.0188		0.0173	0.0173	0.0000	42.1509	42.1509	0.0136	0.0000	42.4917
Total	**0.0334**	**0.3508**	**0.2822**	**4.8000e-004**		**0.0188**	**0.0188**		**0.0173**	**0.0173**	**0.0000**	**42.1509**	**42.1509**	**0.0136**	**0.0000**	**42.4917**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0132	3.5100e-003	3.0000e-005	0.0253	3.0000e-005	0.0254	2.6900e-003	3.0000e-005	2.7100e-003	0.0000	3.3464	3.3464	2.5000e-004	0.0000	3.3526
Worker	4.4000e-004	3.2000e-004	3.2000e-003	1.0000e-005	0.0372	1.0000e-005	0.0373	3.8800e-003	1.0000e-005	3.8900e-003	0.0000	0.8967	0.8967	3.0000e-005	0.0000	0.8973
Total	**8.4000e-004**	**0.0135**	**6.7100e-003**	**4.0000e-005**	**0.0626**	**4.0000e-005**	**0.0626**	**6.5700e-003**	**4.0000e-005**	**6.6000e-003**	**0.0000**	**4.2431**	**4.2431**	**2.8000e-004**	**0.0000**	**4.2500**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0334	0.3508	0.2822	4.8000e-004		0.0188	0.0188		0.0173	0.0173	0.0000	42.1508	42.1508	0.0136	0.0000	42.4916
Total	**0.0334**	**0.3508**	**0.2822**	**4.8000e-004**		**0.0188**	**0.0188**		**0.0173**	**0.0173**	**0.0000**	**42.1508**	**42.1508**	**0.0136**	**0.0000**	**42.4916**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0132	3.5100e-003	3.0000e-005	0.0113	3.0000e-005	0.0114	1.2900e-003	3.0000e-005	1.3100e-003	0.0000	3.3464	3.3464	2.5000e-004	0.0000	3.3526
Worker	4.4000e-004	3.2000e-004	3.2000e-003	1.0000e-005	0.0165	1.0000e-005	0.0165	1.8200e-003	1.0000e-005	1.8200e-003	0.0000	0.8967	0.8967	3.0000e-005	0.0000	0.8973
Total	**8.4000e-004**	**0.0135**	**6.7100e-003**	**4.0000e-005**	**0.0279**	**4.0000e-005**	**0.0279**	**3.1100e-003**	**4.0000e-005**	**3.1300e-003**	**0.0000**	**4.2431**	**4.2431**	**2.8000e-004**	**0.0000**	**4.2500**

3.13 Swim Club Central Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1155	0.0856	1.4000e-004		6.4600e-003	6.4600e-003		5.9500e-003	5.9500e-003	0.0000	12.5117	12.5117	4.0500e-003	0.0000	12.6129
Total	**0.0110**	**0.1155**	**0.0856**	**1.4000e-004**		**6.4600e-003**	**6.4600e-003**		**5.9500e-003**	**5.9500e-003**	**0.0000**	**12.5117**	**12.5117**	**4.0500e-003**	**0.0000**	**12.6129**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.3300e-003	1.1500e-003	1.0000e-005	7.5200e-003	2.0000e-005	7.5400e-003	8.0000e-004	2.0000e-005	8.2000e-004	0.0000	1.0027	1.0027	8.0000e-005	0.0000	1.0046
Worker	7.0000e-005	5.0000e-005	5.1000e-004	0.0000	5.5300e-003	0.0000	5.5300e-003	5.8000e-004	0.0000	5.8000e-004	0.0000	0.1377	0.1377	0.0000	0.0000	0.1378
Total	**2.1000e-004**	**4.3800e-003**	**1.6600e-003**	**1.0000e-005**	**0.0131**	**2.0000e-005**	**0.0131**	**1.3800e-003**	**2.0000e-005**	**1.4000e-003**	**0.0000**	**1.1404**	**1.1404**	**8.0000e-005**	**0.0000**	**1.1424**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1155	0.0856	1.4000e-004		6.4600e-003	6.4600e-003		5.9500e-003	5.9500e-003	0.0000	12.5117	12.5117	4.0500e-003	0.0000	12.6129
Total	**0.0110**	**0.1155**	**0.0856**	**1.4000e-004**		**6.4600e-003**	**6.4600e-003**		**5.9500e-003**	**5.9500e-003**	**0.0000**	**12.5117**	**12.5117**	**4.0500e-003**	**0.0000**	**12.6129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.3300e-003	1.1500e-003	1.0000e-005	3.3600e-003	2.0000e-005	3.3900e-003	3.8000e-004	2.0000e-005	4.0000e-004	0.0000	1.0027	1.0027	8.0000e-005	0.0000	1.0046
Worker	7.0000e-005	5.0000e-005	5.1000e-004	0.0000	2.4500e-003	0.0000	2.4600e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.1377	0.1377	0.0000	0.0000	0.1378
Total	**2.1000e-004**	**4.3800e-003**	**1.6600e-003**	**1.0000e-005**	**5.8100e-003**	**2.0000e-005**	**5.8500e-003**	**6.5000e-004**	**2.0000e-005**	**6.7000e-004**	**0.0000**	**1.1404**	**1.1404**	**8.0000e-005**	**0.0000**	**1.1424**

3.13 Swim Club Central Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0334	0.3508	0.2822	4.8000e-004		0.0188	0.0188		0.0173	0.0173	0.0000	42.1509	42.1509	0.0136	0.0000	42.4917
Total	**0.0334**	**0.3508**	**0.2822**	**4.8000e-004**		**0.0188**	**0.0188**		**0.0173**	**0.0173**	**0.0000**	**42.1509**	**42.1509**	**0.0136**	**0.0000**	**42.4917**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0132	3.5100e-003	3.0000e-005	0.0253	3.0000e-005	0.0254	2.6900e-003	3.0000e-005	2.7100e-003	0.0000	3.3464	3.3464	2.5000e-004	0.0000	3.3526
Worker	2.2000e-004	1.6000e-004	1.6000e-003	0.0000	0.0186	0.0000	0.0186	1.9400e-003	0.0000	1.9500e-003	0.0000	0.4483	0.4483	1.0000e-005	0.0000	0.4487
Total	**6.2000e-004**	**0.0133**	**5.1100e-003**	**3.0000e-005**	**0.0440**	**3.0000e-005**	**0.0440**	**4.6300e-003**	**3.0000e-005**	**4.6600e-003**	**0.0000**	**3.7948**	**3.7948**	**2.6000e-004**	**0.0000**	**3.8013**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0334	0.3508	0.2822	4.8000e-004		0.0188	0.0188		0.0173	0.0173	0.0000	42.1508	42.1508	0.0136	0.0000	42.4916
Total	**0.0334**	**0.3508**	**0.2822**	**4.8000e-004**		**0.0188**	**0.0188**		**0.0173**	**0.0173**	**0.0000**	**42.1508**	**42.1508**	**0.0136**	**0.0000**	**42.4916**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0132	3.5100e-003	3.0000e-005	0.0113	3.0000e-005	0.0114	1.2900e-003	3.0000e-005	1.3100e-003	0.0000	3.3464	3.3464	2.5000e-004	0.0000	3.3526
Worker	2.2000e-004	1.6000e-004	1.6000e-003	0.0000	8.2700e-003	0.0000	8.2700e-003	9.1000e-004	0.0000	9.1000e-004	0.0000	0.4483	0.4483	1.0000e-005	0.0000	0.4487
Total	**6.2000e-004**	**0.0133**	**5.1100e-003**	**3.0000e-005**	**0.0196**	**3.0000e-005**	**0.0196**	**2.2000e-003**	**3.0000e-005**	**2.2200e-003**	**0.0000**	**3.7948**	**3.7948**	**2.6000e-004**	**0.0000**	**3.8013**

3.14 Senior Activity Center Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9200e-003	0.0204	0.0242	4.0000e-005		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	3.4043	3.4043	2.3000e-004	0.0000	3.4102
Total	**0.0249**	**0.0204**	**0.0242**	**4.0000e-005**		**1.2500e-003**	**1.2500e-003**		**1.2500e-003**	**1.2500e-003**	**0.0000**	**3.4043**	**3.4043**	**2.3000e-004**	**0.0000**	**3.4102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1100e-003	1.1000e-003	1.0000e-005	7.9100e-003	1.0000e-005	7.9200e-003	8.4000e-004	1.0000e-005	8.5000e-004	0.0000	1.0458	1.0458	8.0000e-005	0.0000	1.0477
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	5.8200e-003	0.0000	5.8200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.1401	0.1401	0.0000	0.0000	0.1402
Total	**1.9000e-004**	**4.1600e-003**	**1.6000e-003**	**1.0000e-005**	**0.0137**	**1.0000e-005**	**0.0137**	**1.4500e-003**	**1.0000e-005**	**1.4600e-003**	**0.0000**	**1.1859**	**1.1859**	**8.0000e-005**	**0.0000**	**1.1879**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9200e-003	0.0204	0.0242	4.0000e-005		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	3.4043	3.4043	2.3000e-004	0.0000	3.4102
Total	**0.0249**	**0.0204**	**0.0242**	**4.0000e-005**		**1.2500e-003**	**1.2500e-003**		**1.2500e-003**	**1.2500e-003**	**0.0000**	**3.4043**	**3.4043**	**2.3000e-004**	**0.0000**	**3.4102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1100e-003	1.1000e-003	1.0000e-005	3.5400e-003	1.0000e-005	3.5500e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.0458	1.0458	8.0000e-005	0.0000	1.0477
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	2.5800e-003	0.0000	2.5800e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1401	0.1401	0.0000	0.0000	0.1402
Total	**1.9000e-004**	**4.1600e-003**	**1.6000e-003**	**1.0000e-005**	**6.1200e-003**	**1.0000e-005**	**6.1300e-003**	**6.8000e-004**	**1.0000e-005**	**6.9000e-004**	**0.0000**	**1.1859**	**1.1859**	**8.0000e-005**	**0.0000**	**1.1879**

3.15 Swim Club Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.3500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9200e-003	0.0204	0.0242	4.0000e-005		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	3.4043	3.4043	2.3000e-004	0.0000	3.4102
Total	**7.2700e-003**	**0.0204**	**0.0242**	**4.0000e-005**		**1.2500e-003**	**1.2500e-003**		**1.2500e-003**	**1.2500e-003**	**0.0000**	**3.4043**	**3.4043**	**2.3000e-004**	**0.0000**	**3.4102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1100e-003	1.1000e-003	1.0000e-005	7.9100e-003	1.0000e-005	7.9200e-003	8.4000e-004	1.0000e-005	8.5000e-004	0.0000	1.0458	1.0458	8.0000e-005	0.0000	1.0477
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	5.8200e-003	0.0000	5.8200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.1401	0.1401	0.0000	0.0000	0.1402
Total	**1.9000e-004**	**4.1600e-003**	**1.6000e-003**	**1.0000e-005**	**0.0137**	**1.0000e-005**	**0.0137**	**1.4500e-003**	**1.0000e-005**	**1.4600e-003**	**0.0000**	**1.1859**	**1.1859**	**8.0000e-005**	**0.0000**	**1.1879**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9200e-003	0.0204	0.0242	4.0000e-005		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	3.4043	3.4043	2.3000e-004	0.0000	3.4102
Total	**7.2700e-003**	**0.0204**	**0.0242**	**4.0000e-005**		**1.2500e-003**	**1.2500e-003**		**1.2500e-003**	**1.2500e-003**	**0.0000**	**3.4043**	**3.4043**	**2.3000e-004**	**0.0000**	**3.4102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1100e-003	1.1000e-003	1.0000e-005	3.5400e-003	1.0000e-005	3.5500e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.0458	1.0458	8.0000e-005	0.0000	1.0477
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	2.5800e-003	0.0000	2.5800e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1401	0.1401	0.0000	0.0000	0.1402
Total	**1.9000e-004**	**4.1600e-003**	**1.6000e-003**	**1.0000e-005**	**6.1200e-003**	**1.0000e-005**	**6.1300e-003**	**6.8000e-004**	**1.0000e-005**	**6.9000e-004**	**0.0000**	**1.1859**	**1.1859**	**8.0000e-005**	**0.0000**	**1.1879**

3.16 Senior Activity Center Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6500e-003	0.0220	0.0305	5.0000e-005		8.9000e-004	8.9000e-004		8.2000e-004	8.2000e-004	0.0000	3.9794	3.9794	1.2900e-003	0.0000	4.0116
Total	**1.6500e-003**	**0.0220**	**0.0305**	**5.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**3.9794**	**3.9794**	**1.2900e-003**	**0.0000**	**4.0116**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7200e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**0.0215**	**1.0000e-005**	**0.0215**	**2.2600e-003**	**1.0000e-005**	**2.2700e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6500e-003	0.0220	0.0305	5.0000e-005		8.9000e-004	8.9000e-004		8.2000e-004	8.2000e-004	0.0000	3.9794	3.9794	1.2900e-003	0.0000	4.0115
Total	**1.6500e-003**	**0.0220**	**0.0305**	**5.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**3.9794**	**3.9794**	**1.2900e-003**	**0.0000**	**4.0115**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	3.9000e-003	1.0000e-005	3.9100e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**9.5800e-003**	**1.0000e-005**	**9.6000e-003**	**1.0600e-003**	**1.0000e-005**	**1.0800e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

3.17 Swim Club Central Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6500e-003	0.0220	0.0305	5.0000e-005		8.9000e-004	8.9000e-004		8.2000e-004	8.2000e-004	0.0000	3.9794	3.9794	1.2900e-003	0.0000	4.0116
Total	**1.6500e-003**	**0.0220**	**0.0305**	**5.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**3.9794**	**3.9794**	**1.2900e-003**	**0.0000**	**4.0116**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7200e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**0.0215**	**1.0000e-005**	**0.0215**	**2.2600e-003**	**1.0000e-005**	**2.2700e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6500e-003	0.0220	0.0305	5.0000e-005		8.9000e-004	8.9000e-004		8.2000e-004	8.2000e-004	0.0000	3.9794	3.9794	1.2900e-003	0.0000	4.0115
Total	**1.6500e-003**	**0.0220**	**0.0305**	**5.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**3.9794**	**3.9794**	**1.2900e-003**	**0.0000**	**4.0115**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	3.9000e-003	1.0000e-005	3.9100e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**9.5800e-003**	**1.0000e-005**	**9.6000e-003**	**1.0600e-003**	**1.0000e-005**	**1.0800e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

3.18 Senior Activity Center Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0130	0.1340	0.1520	2.4000e-004		7.0300e-003	7.0300e-003		6.4700e-003	6.4700e-003	0.0000	20.7663	20.7663	6.7200e-003	0.0000	20.9342
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0130**	**0.1340**	**0.1520**	**2.4000e-004**		**7.0300e-003**	**7.0300e-003**		**6.4700e-003**	**6.4700e-003**	**0.0000**	**20.7663**	**20.7663**	**6.7200e-003**	**0.0000**	**20.9342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0108	2.8800e-003	3.0000e-005	0.0208	2.0000e-005	0.0208	2.2000e-003	2.0000e-005	2.2300e-003	0.0000	2.7451	2.7451	2.0000e-004	0.0000	2.7502
Worker	2.9000e-004	2.1000e-004	2.1000e-003	1.0000e-005	0.0244	0.0000	0.0244	2.5500e-003	0.0000	2.5500e-003	0.0000	0.5884	0.5884	2.0000e-005	0.0000	0.5889
Total	**6.1000e-004**	**0.0110**	**4.9800e-003**	**4.0000e-005**	**0.0452**	**2.0000e-005**	**0.0452**	**4.7500e-003**	**2.0000e-005**	**4.7800e-003**	**0.0000**	**3.3336**	**3.3336**	**2.2000e-004**	**0.0000**	**3.3391**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0130	0.1340	0.1520	2.4000e-004		7.0300e-003	7.0300e-003		6.4700e-003	6.4700e-003	0.0000	20.7663	20.7663	6.7200e-003	0.0000	20.9342
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0130**	**0.1340**	**0.1520**	**2.4000e-004**		**7.0300e-003**	**7.0300e-003**		**6.4700e-003**	**6.4700e-003**	**0.0000**	**20.7663**	**20.7663**	**6.7200e-003**	**0.0000**	**20.9342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0108	2.8800e-003	3.0000e-005	9.3000e-003	2.0000e-005	9.3200e-003	1.0600e-003	2.0000e-005	1.0800e-003	0.0000	2.7451	2.7451	2.0000e-004	0.0000	2.7502
Worker	2.9000e-004	2.1000e-004	2.1000e-003	1.0000e-005	0.0109	0.0000	0.0109	1.1900e-003	0.0000	1.2000e-003	0.0000	0.5884	0.5884	2.0000e-005	0.0000	0.5889
Total	**6.1000e-004**	**0.0110**	**4.9800e-003**	**4.0000e-005**	**0.0202**	**2.0000e-005**	**0.0202**	**2.2500e-003**	**2.0000e-005**	**2.2800e-003**	**0.0000**	**3.3336**	**3.3336**	**2.2000e-004**	**0.0000**	**3.3391**

3.19 Commercial 2- Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.3000e-004	6.1900e-003	3.9200e-003	1.0000e-005		2.3000e-004	2.3000e-004		2.1000e-004	2.1000e-004	0.0000	0.8550	0.8550	2.8000e-004	0.0000	0.8619
Total	**5.3000e-004**	**6.1900e-003**	**3.9200e-003**	**1.0000e-005**	**5.3000e-004**	**2.3000e-004**	**7.6000e-004**	**6.0000e-005**	**2.1000e-004**	**2.7000e-004**	**0.0000**	**0.8550**	**0.8550**	**2.8000e-004**	**0.0000**	**0.8619**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1010	0.1010	1.0000e-005	0.0000	0.1012
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0260	0.0260	0.0000	0.0000	0.0260
Total	**2.0000e-005**	**3.1000e-004**	**1.8000e-004**	**0.0000**	**1.9500e-003**	**0.0000**	**1.9500e-003**	**2.0000e-004**	**0.0000**	**2.0000e-004**	**0.0000**	**0.1269**	**0.1269**	**1.0000e-005**	**0.0000**	**0.1271**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.1000e-004	0.0000	2.1000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.3000e-004	6.1900e-003	3.9200e-003	1.0000e-005		2.3000e-004	2.3000e-004		2.1000e-004	2.1000e-004	0.0000	0.8550	0.8550	2.8000e-004	0.0000	0.8619
Total	**5.3000e-004**	**6.1900e-003**	**3.9200e-003**	**1.0000e-005**	**2.1000e-004**	**2.3000e-004**	**4.4000e-004**	**2.0000e-005**	**2.1000e-004**	**2.3000e-004**	**0.0000**	**0.8550**	**0.8550**	**2.8000e-004**	**0.0000**	**0.8619**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1010	0.1010	1.0000e-005	0.0000	0.1012
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0260	0.0260	0.0000	0.0000	0.0260
Total	**2.0000e-005**	**3.1000e-004**	**1.8000e-004**	**0.0000**	**8.7000e-004**	**0.0000**	**8.7000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.1269**	**0.1269**	**1.0000e-005**	**0.0000**	**0.1271**

3.20 Commercial 2- Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5100e-003	0.0000	1.5100e-003	8.3000e-004	0.0000	8.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2900e-003	0.0116	0.0148	2.0000e-005		5.6000e-004	5.6000e-004		5.4000e-004	5.4000e-004	0.0000	2.0836	2.0836	3.8000e-004	0.0000	2.0931
Total	**1.2900e-003**	**0.0116**	**0.0148**	**2.0000e-005**	**1.5100e-003**	**5.6000e-004**	**2.0700e-003**	**8.3000e-004**	**5.4000e-004**	**1.3700e-003**	**0.0000**	**2.0836**	**2.0836**	**3.8000e-004**	**0.0000**	**2.0931**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.1000e-004	1.9000e-004	0.0000	1.5800e-003	0.0000	1.5800e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.2020	0.2020	1.0000e-005	0.0000	0.2023
Worker	4.0000e-005	2.0000e-005	2.6000e-004	0.0000	3.4900e-003	0.0000	3.4900e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.0779	0.0779	0.0000	0.0000	0.0779
Total	**6.0000e-005**	**6.3000e-004**	**4.5000e-004**	**0.0000**	**5.0700e-003**	**0.0000**	**5.0700e-003**	**5.3000e-004**	**0.0000**	**5.3000e-004**	**0.0000**	**0.2799**	**0.2799**	**1.0000e-005**	**0.0000**	**0.2802**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.9000e-004	0.0000	5.9000e-004	3.2000e-004	0.0000	3.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2900e-003	0.0116	0.0148	2.0000e-005		5.6000e-004	5.6000e-004		5.4000e-004	5.4000e-004	0.0000	2.0836	2.0836	3.8000e-004	0.0000	2.0931
Total	**1.2900e-003**	**0.0116**	**0.0148**	**2.0000e-005**	**5.9000e-004**	**5.6000e-004**	**1.1500e-003**	**3.2000e-004**	**5.4000e-004**	**8.6000e-004**	**0.0000**	**2.0836**	**2.0836**	**3.8000e-004**	**0.0000**	**2.0931**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.1000e-004	1.9000e-004	0.0000	7.1000e-004	0.0000	7.1000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2020	0.2020	1.0000e-005	0.0000	0.2023
Worker	4.0000e-005	2.0000e-005	2.6000e-004	0.0000	1.5500e-003	0.0000	1.5500e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.0779	0.0779	0.0000	0.0000	0.0779
Total	**6.0000e-005**	**6.3000e-004**	**4.5000e-004**	**0.0000**	**2.2600e-003**	**0.0000**	**2.2600e-003**	**2.5000e-004**	**0.0000**	**2.5000e-004**	**0.0000**	**0.2799**	**0.2799**	**1.0000e-005**	**0.0000**	**0.2802**

3.21 Commercial 2- Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0531	0.5443	0.5312	9.3000e-004		0.0266	0.0266		0.0244	0.0244	0.0000	81.7476	81.7476	0.0264	0.0000	82.4086
Total	**0.0531**	**0.5443**	**0.5312**	**9.3000e-004**		**0.0266**	**0.0266**		**0.0244**	**0.0244**	**0.0000**	**81.7476**	**81.7476**	**0.0264**	**0.0000**	**82.4086**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-004	0.0189	5.8600e-003	6.0000e-005	0.0491	2.0000e-005	0.0491	5.2000e-003	2.0000e-005	5.2300e-003	0.0000	6.2606	6.2606	4.3000e-004	0.0000	6.2713
Worker	3.9000e-004	2.6000e-004	2.6700e-003	1.0000e-005	0.0361	1.0000e-005	0.0361	3.7600e-003	1.0000e-005	3.7700e-003	0.0000	0.8048	0.8048	2.0000e-005	0.0000	0.8054
Total	**9.4000e-004**	**0.0192**	**8.5300e-003**	**7.0000e-005**	**0.0851**	**3.0000e-005**	**0.0852**	**8.9600e-003**	**3.0000e-005**	**9.0000e-003**	**0.0000**	**7.0655**	**7.0655**	**4.5000e-004**	**0.0000**	**7.0766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0531	0.5443	0.5312	9.3000e-004		0.0266	0.0266		0.0244	0.0244	0.0000	81.7475	81.7475	0.0264	0.0000	82.4085
Total	**0.0531**	**0.5443**	**0.5312**	**9.3000e-004**		**0.0266**	**0.0266**		**0.0244**	**0.0244**	**0.0000**	**81.7475**	**81.7475**	**0.0264**	**0.0000**	**82.4085**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-004	0.0189	5.8600e-003	6.0000e-005	0.0220	2.0000e-005	0.0220	2.5000e-003	2.0000e-005	2.5200e-003	0.0000	6.2606	6.2606	4.3000e-004	0.0000	6.2713
Worker	3.9000e-004	2.6000e-004	2.6700e-003	1.0000e-005	0.0160	1.0000e-005	0.0160	1.7600e-003	1.0000e-005	1.7700e-003	0.0000	0.8048	0.8048	2.0000e-005	0.0000	0.8054
Total	**9.4000e-004**	**0.0192**	**8.5300e-003**	**7.0000e-005**	**0.0380**	**3.0000e-005**	**0.0380**	**4.2600e-003**	**3.0000e-005**	**4.2900e-003**	**0.0000**	**7.0655**	**7.0655**	**4.5000e-004**	**0.0000**	**7.0766**

3.22 Commercial 3- Architectural coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3200e-003	0.0226	0.0314	5.0000e-005		1.2300e-003	1.2300e-003		1.2300e-003	1.2300e-003	0.0000	4.4256	4.4256	2.6000e-004	0.0000	4.4323
Total	**0.0213**	**0.0226**	**0.0314**	**5.0000e-005**		**1.2300e-003**	**1.2300e-003**		**1.2300e-003**	**1.2300e-003**	**0.0000**	**4.4256**	**4.4256**	**2.6000e-004**	**0.0000**	**4.4323**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.9600e-003	1.2300e-003	1.0000e-005	0.0103	0.0000	0.0103	1.0900e-003	0.0000	1.1000e-003	0.0000	1.3127	1.3127	9.0000e-005	0.0000	1.3150
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	7.5600e-003	0.0000	7.5700e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.1688	0.1688	0.0000	0.0000	0.1689
Total	**2.0000e-004**	**4.0100e-003**	**1.7900e-003**	**1.0000e-005**	**0.0179**	**0.0000**	**0.0179**	**1.8800e-003**	**0.0000**	**1.8900e-003**	**0.0000**	**1.4815**	**1.4815**	**9.0000e-005**	**0.0000**	**1.4838**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3200e-003	0.0226	0.0314	5.0000e-005		1.2300e-003	1.2300e-003		1.2300e-003	1.2300e-003	0.0000	4.4256	4.4256	2.6000e-004	0.0000	4.4323
Total	**0.0213**	**0.0226**	**0.0314**	**5.0000e-005**		**1.2300e-003**	**1.2300e-003**		**1.2300e-003**	**1.2300e-003**	**0.0000**	**4.4256**	**4.4256**	**2.6000e-004**	**0.0000**	**4.4323**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.9600e-003	1.2300e-003	1.0000e-005	4.6000e-003	0.0000	4.6100e-003	5.2000e-004	0.0000	5.3000e-004	0.0000	1.3127	1.3127	9.0000e-005	0.0000	1.3150
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	3.3600e-003	0.0000	3.3600e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.1688	0.1688	0.0000	0.0000	0.1689
Total	**2.0000e-004**	**4.0100e-003**	**1.7900e-003**	**1.0000e-005**	**7.9600e-003**	**0.0000**	**7.9700e-003**	**8.9000e-004**	**0.0000**	**9.0000e-004**	**0.0000**	**1.4815**	**1.4815**	**9.0000e-005**	**0.0000**	**1.4838**

3.23 Commercial 3- Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.0000e-004	0.0000	8.0000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5000e-004	8.4100e-003	5.8400e-003	1.0000e-005		3.0000e-004	3.0000e-004		2.8000e-004	2.8000e-004	0.0000	1.2822	1.2822	4.1000e-004	0.0000	1.2926
Total	**7.5000e-004**	**8.4100e-003**	**5.8400e-003**	**1.0000e-005**	**8.0000e-004**	**3.0000e-004**	**1.1000e-003**	**9.0000e-005**	**2.8000e-004**	**3.7000e-004**	**0.0000**	**1.2822**	**1.2822**	**4.1000e-004**	**0.0000**	**1.2926**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.5000e-004	1.4000e-004	0.0000	1.1900e-003	0.0000	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.1505	0.1505	1.0000e-005	0.0000	0.1508
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	1.7500e-003	0.0000	1.7500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0374	0.0374	0.0000	0.0000	0.0374
Total	**3.0000e-005**	**4.6000e-004**	**2.6000e-004**	**0.0000**	**2.9400e-003**	**0.0000**	**2.9400e-003**	**3.1000e-004**	**0.0000**	**3.1000e-004**	**0.0000**	**0.1879**	**0.1879**	**1.0000e-005**	**0.0000**	**0.1882**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.1000e-004	0.0000	3.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5000e-004	8.4100e-003	5.8400e-003	1.0000e-005		3.0000e-004	3.0000e-004		2.8000e-004	2.8000e-004	0.0000	1.2822	1.2822	4.1000e-004	0.0000	1.2926
Total	**7.5000e-004**	**8.4100e-003**	**5.8400e-003**	**1.0000e-005**	**3.1000e-004**	**3.0000e-004**	**6.1000e-004**	**3.0000e-005**	**2.8000e-004**	**3.1000e-004**	**0.0000**	**1.2822**	**1.2822**	**4.1000e-004**	**0.0000**	**1.2926**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.5000e-004	1.4000e-004	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1505	0.1505	1.0000e-005	0.0000	0.1508
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	7.8000e-004	0.0000	7.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0374	0.0374	0.0000	0.0000	0.0374
Total	**3.0000e-005**	**4.6000e-004**	**2.6000e-004**	**0.0000**	**1.3100e-003**	**0.0000**	**1.3100e-003**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**0.1879**	**0.1879**	**1.0000e-005**	**0.0000**	**0.1882**

3.24 Commercial 3- Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0151	0.0000	0.0151	8.2800e-003	0.0000	8.2800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2400e-003	0.0311	0.0281	5.0000e-005		1.4100e-003	1.4100e-003		1.3200e-003	1.3200e-003	0.0000	4.5885	4.5885	1.1100e-003	0.0000	4.6163
Total	**3.2400e-003**	**0.0311**	**0.0281**	**5.0000e-005**	**0.0151**	**1.4100e-003**	**0.0165**	**8.2800e-003**	**1.3200e-003**	**9.6000e-003**	**0.0000**	**4.5885**	**4.5885**	**1.1100e-003**	**0.0000**	**4.6163**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	7.5000e-004	2.3000e-004	0.0000	1.9800e-003	0.0000	1.9800e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.2508	0.2508	2.0000e-005	0.0000	0.2513
Worker	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	4.3600e-003	0.0000	4.3600e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.0935	0.0935	0.0000	0.0000	0.0936
Total	**6.0000e-005**	**7.8000e-004**	**5.3000e-004**	**0.0000**	**6.3400e-003**	**0.0000**	**6.3400e-003**	**6.7000e-004**	**0.0000**	**6.7000e-004**	**0.0000**	**0.3444**	**0.3444**	**2.0000e-005**	**0.0000**	**0.3448**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.8700e-003	0.0000	5.8700e-003	3.2300e-003	0.0000	3.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2400e-003	0.0311	0.0281	5.0000e-005		1.4100e-003	1.4100e-003		1.3200e-003	1.3200e-003	0.0000	4.5885	4.5885	1.1100e-003	0.0000	4.6163
Total	**3.2400e-003**	**0.0311**	**0.0281**	**5.0000e-005**	**5.8700e-003**	**1.4100e-003**	**7.2800e-003**	**3.2300e-003**	**1.3200e-003**	**4.5500e-003**	**0.0000**	**4.5885**	**4.5885**	**1.1100e-003**	**0.0000**	**4.6163**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	7.5000e-004	2.3000e-004	0.0000	8.9000e-004	0.0000	8.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2508	0.2508	2.0000e-005	0.0000	0.2513
Worker	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	1.9400e-003	0.0000	1.9400e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.0935	0.0935	0.0000	0.0000	0.0936
Total	**6.0000e-005**	**7.8000e-004**	**5.3000e-004**	**0.0000**	**2.8300e-003**	**0.0000**	**2.8300e-003**	**3.1000e-004**	**0.0000**	**3.1000e-004**	**0.0000**	**0.3444**	**0.3444**	**2.0000e-005**	**0.0000**	**0.3448**

3.25 Commercial 3- Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0491	0.4967	0.5189	9.2000e-004		0.0232	0.0232		0.0213	0.0213	0.0000	80.4494	80.4494	0.0260	0.0000	81.0999
Total	**0.0491**	**0.4967**	**0.5189**	**9.2000e-004**		**0.0232**	**0.0232**		**0.0213**	**0.0213**	**0.0000**	**80.4494**	**80.4494**	**0.0260**	**0.0000**	**81.0999**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2000e-004	0.0183	5.5800e-003	6.0000e-005	0.0483	2.0000e-005	0.0483	5.1200e-003	2.0000e-005	5.1400e-003	0.0000	6.1205	6.1205	4.1000e-004	0.0000	6.1309
Worker	3.6000e-004	2.3000e-004	2.4500e-003	1.0000e-005	0.0355	1.0000e-005	0.0355	3.7000e-003	1.0000e-005	3.7100e-003	0.0000	0.7607	0.7607	2.0000e-005	0.0000	0.7612
Total	**8.8000e-004**	**0.0186**	**8.0300e-003**	**7.0000e-005**	**0.0838**	**3.0000e-005**	**0.0838**	**8.8200e-003**	**3.0000e-005**	**8.8500e-003**	**0.0000**	**6.8812**	**6.8812**	**4.3000e-004**	**0.0000**	**6.8920**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0491	0.4967	0.5189	9.2000e-004		0.0232	0.0232		0.0213	0.0213	0.0000	80.4493	80.4493	0.0260	0.0000	81.0998
Total	**0.0491**	**0.4967**	**0.5189**	**9.2000e-004**		**0.0232**	**0.0232**		**0.0213**	**0.0213**	**0.0000**	**80.4493**	**80.4493**	**0.0260**	**0.0000**	**81.0998**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2000e-004	0.0183	5.5800e-003	6.0000e-005	0.0216	2.0000e-005	0.0216	2.4600e-003	2.0000e-005	2.4800e-003	0.0000	6.1205	6.1205	4.1000e-004	0.0000	6.1309
Worker	3.6000e-004	2.3000e-004	2.4500e-003	1.0000e-005	0.0158	1.0000e-005	0.0158	1.7300e-003	1.0000e-005	1.7400e-003	0.0000	0.7607	0.7607	2.0000e-005	0.0000	0.7612
Total	**8.8000e-004**	**0.0186**	**8.0300e-003**	**7.0000e-005**	**0.0374**	**3.0000e-005**	**0.0374**	**4.1900e-003**	**3.0000e-005**	**4.2200e-003**	**0.0000**	**6.8812**	**6.8812**	**4.3000e-004**	**0.0000**	**6.8920**

3.26 Commercial 2- Architectural coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0171					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2500e-003	0.0219	0.0326	5.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003	0.0000	4.5959	4.5959	2.6000e-004	0.0000	4.6023
Total	**0.0203**	**0.0219**	**0.0326**	**5.0000e-005**		**1.1000e-003**	**1.1000e-003**		**1.1000e-003**	**1.1000e-003**	**0.0000**	**4.5959**	**4.5959**	**2.6000e-004**	**0.0000**	**4.6023**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0600e-003	1.2400e-003	1.0000e-005	0.0107	0.0000	0.0107	1.1300e-003	0.0000	1.1400e-003	0.0000	1.3545	1.3545	9.0000e-005	0.0000	1.3568
Worker	8.0000e-005	5.0000e-005	5.4000e-004	0.0000	7.8600e-003	0.0000	7.8600e-003	8.2000e-004	0.0000	8.2000e-004	0.0000	0.1684	0.1684	0.0000	0.0000	0.1685
Total	**2.0000e-004**	**4.1100e-003**	**1.7800e-003**	**1.0000e-005**	**0.0185**	**0.0000**	**0.0186**	**1.9500e-003**	**0.0000**	**1.9600e-003**	**0.0000**	**1.5229**	**1.5229**	**9.0000e-005**	**0.0000**	**1.5253**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0171					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2500e-003	0.0219	0.0326	5.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003	0.0000	4.5959	4.5959	2.6000e-004	0.0000	4.6023
Total	**0.0203**	**0.0219**	**0.0326**	**5.0000e-005**		**1.1000e-003**	**1.1000e-003**		**1.1000e-003**	**1.1000e-003**	**0.0000**	**4.5959**	**4.5959**	**2.6000e-004**	**0.0000**	**4.6023**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0600e-003	1.2400e-003	1.0000e-005	4.7800e-003	0.0000	4.7900e-003	5.4000e-004	0.0000	5.5000e-004	0.0000	1.3545	1.3545	9.0000e-005	0.0000	1.3568
Worker	8.0000e-005	5.0000e-005	5.4000e-004	0.0000	3.4900e-003	0.0000	3.4900e-003	3.8000e-004	0.0000	3.8000e-004	0.0000	0.1684	0.1684	0.0000	0.0000	0.1685
Total	**2.0000e-004**	**4.1100e-003**	**1.7800e-003**	**1.0000e-005**	**8.2700e-003**	**0.0000**	**8.2800e-003**	**9.2000e-004**	**0.0000**	**9.3000e-004**	**0.0000**	**1.5229**	**1.5229**	**9.0000e-005**	**0.0000**	**1.5253**

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Central Village Non-Residential -LEA 2

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Commercial 2- Architectural coating	0.11	0.11	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Building Construction	0.64	0.35	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Grading	0.61	0.20	-0.07	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Site Preparation	0.64	0.48	-0.47	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Architectural coating	0.11	0.16	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Building Construction	0.61	0.31	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Grading	0.68	0.41	-0.16	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Site Preparation	0.62	0.42	-0.48	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Architectural Coatings	0.15	0.31	-0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Building Construction	0.79	0.35	-0.04	0.00	0.82	0.81	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Grading	0.71	0.61	-0.59	0.00	0.96	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Landscape	0.30	-0.08	-0.12	0.00	-0.04	-0.12	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Paving	0.73	0.26	-0.18	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Site Preparation	0.80	0.71	-0.26	0.00	0.97	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Architectural Coating	0.09	0.25	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Building Construction	0.70	0.49	-0.13	0.00	0.96	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Grading	0.78	0.60	-0.05	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Landscaping	0.27	-0.13	-0.12	0.00	-0.17	-0.27	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Paving	0.70	0.21	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Site Landscaping	0.29	-0.08	-0.12	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Architectural Coating	0.29	0.25	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Building Construction	0.70	0.49	-0.13	0.00	0.96	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Grading	0.78	0.60	-0.05	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Landscaping	0.27	-0.13	-0.12	0.00	-0.17	-0.27	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Site Prep	0.71	0.60	-0.41	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00

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Central Village Non-Residential -LEA 2

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	97,340.00	3

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

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

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Area Coating - Operational Emissions Modeled Separately

Construction Off-road Equipment Mitigation - --

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Residential_Exterior	65705	0
tblAreaCoating	Area_Residential_Interior	197114	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	30.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	20.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	124.00
tblConstructionPhase	NumDays	0.00	122.00
tblConstructionPhase	NumDays	0.00	83.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	4.00
tblConstructionPhase	NumDays	0.00	1.00
tblConstructionPhase	NumDays	0.00	5.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	21.00
tblConstructionPhase	NumDays	0.00	23.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	22.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	3.00
tblConstructionPhase	NumDays	0.00	23.00

tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDays	0.00	2.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-10
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-16
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-18
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	BuildingSpaceSquareFeet	0.00	97,340.00
tblLandUse	LandUseSquareFeet	0.00	97,340.00
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
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tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.37	0.37

tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.36	0.36
tblOffRoadEquipment	LoadFactor	0.42	0.42
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.20	0.20
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tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Welders
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers

tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Rollers
tblOffRoadEquipment	OffRoadEquipmentType		Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType		Pavers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes

tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Dozers
tblOffRoadEquipment	OffRoadEquipmentType		Concrete/Industrial Saws
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	PhaseName		Community Facility in MU - Site Preparation
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	PhaseName		Community Facility in MU - Grading
tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00

tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	1.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	4.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	OperationalYear	2018	2022
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.1631	1.2773	1.0706	1.9000e-003	0.1976	0.0660	0.2636	0.0288	0.0624	0.0912	0.0000	162.8939	162.8939	0.0372	0.0000	163.8243
2021	0.1183	0.9757	0.8504	1.5400e-003	0.2222	0.0490	0.2712	0.0234	0.0453	0.0686	0.0000	136.4957	136.4957	0.0381	0.0000	137.4490
2023	0.0775	0.6087	0.5923	1.1100e-003	0.1121	0.0286	0.1407	0.0125	0.0265	0.0389	0.0000	98.0656	98.0656	0.0279	0.0000	98.7636
2024	0.0747	0.5820	0.5960	1.1300e-003	0.1274	0.0260	0.1535	0.0201	0.0240	0.0442	0.0000	99.8523	99.8523	0.0284	0.0000	100.5614
Maximum	**0.1631**	**1.2773**	**1.0706**	**1.9000e-003**	**0.2222**	**0.0660**	**0.2712**	**0.0288**	**0.0624**	**0.0912**	**0.0000**	**162.8939**	**162.8939**	**0.0381**	**0.0000**	**163.8243**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.0521	0.7984	1.1540	1.9000e-003	0.0870	9.4300e-003	0.0964	0.0128	9.4200e-003	0.0222	0.0000	162.8937	162.8937	0.0372	0.0000	163.8241
2021	0.0558	0.5947	0.9649	1.5400e-003	0.0990	4.2800e-003	0.1033	0.0111	4.2800e-003	0.0153	0.0000	136.4956	136.4956	0.0381	0.0000	137.4488
2023	0.0396	0.3996	0.6876	1.1100e-003	0.0499	1.6800e-003	0.0515	5.8400e-003	1.6800e-003	7.5200e-003	0.0000	98.0654	98.0654	0.0279	0.0000	98.7635
2024	0.0389	0.4050	0.6982	1.1300e-003	0.0559	1.7100e-003	0.0577	8.8300e-003	1.7100e-003	0.0105	0.0000	99.8522	99.8522	0.0284	0.0000	100.5613
Maximum	**0.0558**	**0.7984**	**1.1540**	**1.9000e-003**	**0.0990**	**9.4300e-003**	**0.1033**	**0.0128**	**9.4200e-003**	**0.0222**	**0.0000**	**162.8937**	**162.8937**	**0.0381**	**0.0000**	**163.8241**

	ROG	NOx	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	**57.02**	**36.18**	**-12.72**	**0.00**	**55.73**	**89.92**	**62.73**	**54.54**	**89.20**	**77.10**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2020	9-30-2020	0.6842	0.4108
2	10-1-2020	12-31-2020	0.7084	0.3968
3	1-1-2021	3-31-2021	0.8815	0.4698
4	4-1-2021	6-30-2021	0.1671	0.1256
12	4-1-2023	6-30-2023	0.0836	0.0528
13	7-1-2023	9-30-2023	0.3747	0.2443
14	10-1-2023	12-31-2023	0.2205	0.1370
16	4-1-2024	6-30-2024	0.1062	0.0660
17	7-1-2024	9-30-2024	0.3044	0.2031
		Highest	0.8815	0.4698

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	2.3000e-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	**2.3000e-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	2.3000e-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	**2.3000e-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	Community Facility in MU - Site Preparation	Site Preparation	7/1/2020	7/2/2020	5	2	
2	Community Facility in MU - Grading	Grading	7/3/2020	7/5/2020	5	1	
3	Community Facility in MU - Building Construction	Building Construction	7/8/2020	11/1/2020	5	83	
4	Community Facility in MU - Architectural Coatings	Architectural Coating	9/1/2020	9/30/2020	6	22	
5	Community Facility in MU - Landscape	Site Preparation	12/1/2020	12/31/2020	5	23	
6	Senior Activity Center Site Landscaping	Site Preparation	12/1/2020	12/2/2020	5	2	
7	Swim Club Central Site Prep	Site Preparation	12/1/2020	12/2/2020	5	2	
8	Community Facility in MU - Paving	Paving	12/1/2020	12/31/2020	5	23	
9	Senior Activity Center Grading	Grading	12/3/2020	12/5/2020	5	2	
10	Swim Club Central Grading	Grading	12/3/2020	12/5/2020	5	2	
11	Senior Activity Center Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
12	Swim Club Central Building Construction	Building Construction	12/6/2020	3/31/2021	5	83	
13	Senior Activity Center Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
14	Swim Club Architectural Coating	Architectural Coating	2/1/2021	2/28/2021	5	20	
15	Senior Activity Center Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
16	Swim Club Central Landscaping	Site Preparation	4/1/2021	4/30/2021	5	22	
17	Senior Activity Center Paving	Paving	5/1/2021	5/31/2021	5	21	
18	Commercial 2- Site Preparation	Site Preparation	6/1/2023	6/3/2023	5	2	
19	Commercial 2- Grading	Grading	6/6/2023	6/10/2023	5	4	
20	Commercial 2- Building Construction	Building Construction	6/13/2023	12/1/2023	5	124	
21	Commercial 3- Architectural coating	Architectural Coating	9/1/2023	9/30/2023	6	21	
22	Commercial 3- Site Preparation	Site Preparation	6/1/2024	6/5/2024	5	3	
23	Commercial 3- Grading	Grading	6/6/2024	6/12/2024	5	5	
24	Commercial 3- Building Construction	Building Construction	6/13/2024	12/1/2024	5	122	
25	Commercial 2- Architectural coating	Architectural Coating	10/1/2024	10/31/2024	6	23	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 7,500; Non-Residential Outdoor: 2,500; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Swim Club Central Building Construction	Forklifts	2	8.00	89	0.20
Swim Club Central Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Architectural Coating	Air Compressors	1	8.00	78	0.48
Swim Club Architectural Coating	Air Compressors	1	8.00	78	0.48
Senior Activity Center Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Senior Activity Center Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Paving	Paving Equipment	2	8.00	132	0.36
Senior Activity Center Paving	Pavers	2	8.00	130	0.42
Commercial 2- Site Preparation	Graders	1	8.00	187	0.41
Commercial 2- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 2- Grading	Rubber Tired Dozers	1	1.00	247	0.40
Commercial 2- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 2- Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Commercial 2- Building Construction	Cranes	1	8.00	231	0.29
Commercial 2- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 2- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Architectural coating	Air Compressors	1	8.00	78	0.48
Commercial 3- Site Preparation	Graders	1	8.00	187	0.41
Commercial 3- Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Commercial 3- Grading	Rubber Tired Dozers	1	8.00	247	0.40

Commercial 3- Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Commercial 3- Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 3- Building Construction	Cranes	1	8.00	231	0.29
Commercial 3- Building Construction	Forklifts	2	8.00	89	0.20
Commercial 3- Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Commercial 2- Architectural coating	Air Compressors	1	8.00	78	0.48
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Graders	1	8.00	187	0.41
Community Facility in MU - Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Site Preparation	Rubber Tired Dozers	1	8.00	247	0.40
Community Facility in MU - Grading	Rubber Tired Loaders	1	8.00	203	0.36
Community Facility in MU - Grading	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Grading	Graders	1	8.00	187	0.41
Community Facility in MU - Building Construction	Cranes	1	8.00	231	0.29

Community Facility in MU - Building Construction	Forklifts	1	8.00	89	0.20
Community Facility in MU - Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Building Construction	Welders	3	8.00	46	0.45
Community Facility in MU - Building Construction	Generator Sets	1	8.00	84	0.74
Community Facility in MU - Architectural Coatings	Air Compressors	1	8.00	78	0.48
Community Facility in MU - Landscape	Skid Steer Loaders	2	8.00	65	0.37
Senior Activity Center Site Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Swim Club Central Site Prep	Graders	1	8.00	187	0.41
Swim Club Central Site Prep	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Community Facility in MU - Paving	Pavers	2	8.00	130	0.42
Community Facility in MU - Paving	Paving Equipment	2	8.00	132	0.36
Community Facility in MU - Paving	Rollers	2	8.00	80	0.38
Senior Activity Center Grading	Rubber Tired Dozers	1	8.00	247	0.40
Senior Activity Center Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Senior Activity Center Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Grading	Rubber Tired Dozers	1	8.00	247	0.40
Swim Club Central Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Swim Club Central Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Senior Activity Center Building Construction	Cranes	1	8.00	231	0.29
Senior Activity Center Building Construction	Forklifts	2	8.00	89	0.20
Senior Activity Center Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Swim Club Central Building Construction	Cranes	1	8.00	231	0.29

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Community Facility in MLL- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Grading		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Building		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Architectural		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Landscape		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Site Landscaping		8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Site Prep		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Community Facility in MLL- Paving		4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Building Construction		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Architectural Coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Swim Club Central Landscaping		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Senior Activity Center Paving		8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Site Preparation		4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Grading		6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 3- Building Construction		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Commercial 2- Architectural coating		2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Community Facility in MU - Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.5500e-003	0.0000	6.5500e-003	3.3700e-003	0.0000	3.3700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7600e-003	0.0198	8.2300e-003	2.0000e-005		8.9000e-004	8.9000e-004		8.2000e-004	8.2000e-004	0.0000	1.6065	1.6065	5.2000e-004	0.0000	1.6195
Total	**1.7600e-003**	**0.0198**	**8.2300e-003**	**2.0000e-005**	**6.5500e-003**	**8.9000e-004**	**7.4400e-003**	**3.3700e-003**	**8.2000e-004**	**4.1900e-003**	**0.0000**	**1.6065**	**1.6065**	**5.2000e-004**	**0.0000**	**1.6195**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0290	0.0290	0.0000	0.0000	0.0290
Total	**3.0000e-005**	**4.7000e-004**	**2.3000e-004**	**0.0000**	**1.9500e-003**	**0.0000**	**1.9500e-003**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.1345**	**0.1345**	**1.0000e-005**	**0.0000**	**0.1348**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.5600e-003	0.0000	2.5600e-003	1.3100e-003	0.0000	1.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-004	5.3500e-003	0.0104	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.6065	1.6065	5.2000e-004	0.0000	1.6195
Total	**3.2000e-004**	**5.3500e-003**	**0.0104**	**2.0000e-005**	**2.5600e-003**	**3.0000e-005**	**2.5900e-003**	**1.3100e-003**	**3.0000e-005**	**1.3400e-003**	**0.0000**	**1.6065**	**1.6065**	**5.2000e-004**	**0.0000**	**1.6195**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0290	0.0290	0.0000	0.0000	0.0290
Total	**3.0000e-005**	**4.7000e-004**	**2.3000e-004**	**0.0000**	**8.7000e-004**	**0.0000**	**8.8000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.1345**	**0.1345**	**1.0000e-005**	**0.0000**	**0.1348**

3.3 Community Facility in MU - Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	5.3000e-004	6.4200e-003	2.8600e-003	1.0000e-005		2.4000e-004	2.4000e-004		2.2000e-004	2.2000e-004	0.0000	0.7025	0.7025	2.3000e-004	0.0000	0.7081
Total	**5.3000e-004**	**6.4200e-003**	**2.8600e-003**	**1.0000e-005**	**2.7000e-004**	**2.4000e-004**	**5.1000e-004**	**3.0000e-005**	**2.2000e-004**	**2.5000e-004**	**0.0000**	**0.7025**	**0.7025**	**2.3000e-004**	**0.0000**	**0.7081**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	2.3000e-004	6.0000e-005	0.0000	4.0000e-004	0.0000	4.0000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529
Worker	1.0000e-005	1.0000e-005	5.0000e-005	0.0000	5.8000e-004	0.0000	5.8000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0145	0.0145	0.0000	0.0000	0.0145
Total	**2.0000e-005**	**2.4000e-004**	**1.1000e-004**	**0.0000**	**9.8000e-004**	**0.0000**	**9.8000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.0673**	**0.0673**	**0.0000**	**0.0000**	**0.0674**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.4000e-004	2.3800e-003	4.6000e-003	1.0000e-005		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.7025	0.7025	2.3000e-004	0.0000	0.7081
Total	**1.4000e-004**	**2.3800e-003**	**4.6000e-003**	**1.0000e-005**	**1.0000e-004**	**1.0000e-005**	**1.1000e-004**	**1.0000e-005**	**1.0000e-005**	**2.0000e-005**	**0.0000**	**0.7025**	**0.7025**	**2.3000e-004**	**0.0000**	**0.7081**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	2.3000e-004	6.0000e-005	0.0000	1.8000e-004	0.0000	1.8000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0528	0.0528	0.0000	0.0000	0.0529
Worker	1.0000e-005	1.0000e-005	5.0000e-005	0.0000	2.6000e-004	0.0000	2.6000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0145	0.0145	0.0000	0.0000	0.0145
Total	**2.0000e-005**	**2.4000e-004**	**1.1000e-004**	**0.0000**	**4.4000e-004**	**0.0000**	**4.4000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.0673**	**0.0673**	**0.0000**	**0.0000**	**0.0674**

3.4 Community Facility in MU - Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0925	0.7034	0.6044	1.0200e-003		0.0377	0.0377		0.0362	0.0362	0.0000	84.6676	84.6676	0.0170	0.0000	85.0927
Total	**0.0925**	**0.7034**	**0.6044**	**1.0200e-003**		**0.0377**	**0.0377**		**0.0362**	**0.0362**	**0.0000**	**84.6676**	**84.6676**	**0.0170**	**0.0000**	**85.0927**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.3000e-004	0.0189	5.0300e-003	4.0000e-005	0.0329	9.0000e-005	0.0329	3.4800e-003	9.0000e-005	3.5700e-003	0.0000	4.3801	4.3801	3.4000e-004	0.0000	4.3885
Worker	3.1000e-004	2.3000e-004	2.2200e-003	1.0000e-005	0.0242	0.0000	0.0242	2.5200e-003	0.0000	2.5200e-003	0.0000	0.6017	0.6017	2.0000e-005	0.0000	0.6021
Total	**9.4000e-004**	**0.0192**	**7.2500e-003**	**5.0000e-005**	**0.0570**	**9.0000e-005**	**0.0571**	**6.0000e-003**	**9.0000e-005**	**6.0900e-003**	**0.0000**	**4.9818**	**4.9818**	**3.6000e-004**	**0.0000**	**4.9906**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0187	0.4510	0.6266	1.0200e-003		6.8900e-003	6.8900e-003		6.8900e-003	6.8900e-003	0.0000	84.6675	84.6675	0.0170	0.0000	85.0926
Total	**0.0187**	**0.4510**	**0.6266**	**1.0200e-003**		**6.8900e-003**	**6.8900e-003**		**6.8900e-003**	**6.8900e-003**	**0.0000**	**84.6675**	**84.6675**	**0.0170**	**0.0000**	**85.0926**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.3000e-004	0.0189	5.0300e-003	4.0000e-005	0.0147	9.0000e-005	0.0148	1.6700e-003	9.0000e-005	1.7600e-003	0.0000	4.3801	4.3801	3.4000e-004	0.0000	4.3885
Worker	3.1000e-004	2.3000e-004	2.2200e-003	1.0000e-005	0.0107	0.0000	0.0107	1.1800e-003	0.0000	1.1800e-003	0.0000	0.6017	0.6017	2.0000e-005	0.0000	0.6021
Total	**9.4000e-004**	**0.0192**	**7.2500e-003**	**5.0000e-005**	**0.0254**	**9.0000e-005**	**0.0255**	**2.8500e-003**	**9.0000e-005**	**2.9400e-003**	**0.0000**	**4.9818**	**4.9818**	**3.6000e-004**	**0.0000**	**4.9906**

3.5 Community Facility in MU - Architectural Coatings - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0174					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.2000e-003	0.0292	0.0317	5.0000e-005		1.9200e-003	1.9200e-003		1.9200e-003	1.9200e-003	0.0000	4.4256	4.4256	3.4000e-004	0.0000	4.4342
Total	**0.0216**	**0.0292**	**0.0317**	**5.0000e-005**		**1.9200e-003**	**1.9200e-003**		**1.9200e-003**	**1.9200e-003**	**0.0000**	**4.4256**	**4.4256**	**3.4000e-004**	**0.0000**	**4.4342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	5.9300e-003	1.5700e-003	1.0000e-005	0.0103	3.0000e-005	0.0103	1.0900e-003	3.0000e-005	1.1200e-003	0.0000	1.3721	1.3721	1.1000e-004	0.0000	1.3747
Worker	1.0000e-004	7.0000e-005	7.0000e-004	0.0000	7.5600e-003	0.0000	7.5700e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.1885	0.1885	1.0000e-005	0.0000	0.1886
Total	**3.0000e-004**	**6.0000e-003**	**2.2700e-003**	**1.0000e-005**	**0.0179**	**3.0000e-005**	**0.0179**	**1.8800e-003**	**3.0000e-005**	**1.9100e-003**	**0.0000**	**1.5606**	**1.5606**	**1.2000e-004**	**0.0000**	**1.5633**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0174					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4000e-004	0.0184	0.0318	5.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	4.4256	4.4256	3.4000e-004	0.0000	4.4342
Total	**0.0183**	**0.0184**	**0.0318**	**5.0000e-005**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**4.4256**	**4.4256**	**3.4000e-004**	**0.0000**	**4.4342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	5.9300e-003	1.5700e-003	1.0000e-005	4.6000e-003	3.0000e-005	4.6300e-003	5.2000e-004	3.0000e-005	5.5000e-004	0.0000	1.3721	1.3721	1.1000e-004	0.0000	1.3747
Worker	1.0000e-004	7.0000e-005	7.0000e-004	0.0000	3.3600e-003	0.0000	3.3600e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.1885	0.1885	1.0000e-005	0.0000	0.1886
Total	**3.0000e-004**	**6.0000e-003**	**2.2700e-003**	**1.0000e-005**	**7.9600e-003**	**3.0000e-005**	**7.9900e-003**	**8.9000e-004**	**3.0000e-005**	**9.2000e-004**	**0.0000**	**1.5606**	**1.5606**	**1.2000e-004**	**0.0000**	**1.5633**

3.6 Community Facility in MU - Landscape - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8300e-003	0.0243	0.0318	5.0000e-005		1.0500e-003	1.0500e-003		9.7000e-004	9.7000e-004	0.0000	4.1596	4.1596	1.3500e-003	0.0000	4.1933
Total	**1.8300e-003**	**0.0243**	**0.0318**	**5.0000e-005**		**1.0500e-003**	**1.0500e-003**		**9.7000e-004**	**9.7000e-004**	**0.0000**	**4.1596**	**4.1596**	**1.3500e-003**	**0.0000**	**4.1933**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.2400e-003	1.3900e-003	1.0000e-005	9.1000e-003	3.0000e-005	9.1300e-003	9.7000e-004	2.0000e-005	9.9000e-004	0.0000	1.2138	1.2138	9.0000e-005	0.0000	1.2161
Worker	1.7000e-004	1.3000e-004	1.2300e-003	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.3334	0.3334	1.0000e-005	0.0000	0.3337
Total	**3.5000e-004**	**5.3700e-003**	**2.6200e-003**	**1.0000e-005**	**0.0225**	**3.0000e-005**	**0.0225**	**2.3700e-003**	**2.0000e-005**	**2.3900e-003**	**0.0000**	**1.5472**	**1.5472**	**1.0000e-004**	**0.0000**	**1.5498**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1700e-003	0.0266	0.0360	5.0000e-005		1.0900e-003	1.0900e-003		1.0900e-003	1.0900e-003	0.0000	4.1596	4.1596	1.3500e-003	0.0000	4.1933
Total	**1.1700e-003**	**0.0266**	**0.0360**	**5.0000e-005**		**1.0900e-003**	**1.0900e-003**		**1.0900e-003**	**1.0900e-003**	**0.0000**	**4.1596**	**4.1596**	**1.3500e-003**	**0.0000**	**4.1933**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.2400e-003	1.3900e-003	1.0000e-005	4.0700e-003	3.0000e-005	4.1000e-003	4.6000e-004	2.0000e-005	4.9000e-004	0.0000	1.2138	1.2138	9.0000e-005	0.0000	1.2161
Worker	1.7000e-004	1.3000e-004	1.2300e-003	0.0000	5.9400e-003	0.0000	5.9500e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.3334	0.3334	1.0000e-005	0.0000	0.3337
Total	**3.5000e-004**	**5.3700e-003**	**2.6200e-003**	**1.0000e-005**	**0.0100**	**3.0000e-005**	**0.0101**	**1.1100e-003**	**2.0000e-005**	**1.1400e-003**	**0.0000**	**1.5472**	**1.5472**	**1.0000e-004**	**0.0000**	**1.5498**

3.7 Senior Activity Center Site Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6000e-004	2.1200e-003	2.7700e-003	0.0000		9.0000e-005	9.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.3617	0.3617	1.2000e-004	0.0000	0.3646
Total	**1.6000e-004**	**2.1200e-003**	**2.7700e-003**	**0.0000**		**9.0000e-005**	**9.0000e-005**		**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.3617**	**0.3617**	**1.2000e-004**	**0.0000**	**0.3646**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	3.0000e-005	2.0000e-005	2.1000e-004	0.0000	2.3300e-003	0.0000	2.3300e-003	2.4000e-004	0.0000	2.4000e-004	0.0000	0.0580	0.0580	0.0000	0.0000	0.0580
Total	**5.0000e-005**	**4.8000e-004**	**3.3000e-004**	**0.0000**	**3.1200e-003**	**0.0000**	**3.1200e-003**	**3.2000e-004**	**0.0000**	**3.3000e-004**	**0.0000**	**0.1635**	**0.1635**	**1.0000e-005**	**0.0000**	**0.1638**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0000e-004	2.3200e-003	3.1300e-003	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.3617	0.3617	1.2000e-004	0.0000	0.3646
Total	**1.0000e-004**	**2.3200e-003**	**3.1300e-003**	**0.0000**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**0.3617**	**0.3617**	**1.2000e-004**	**0.0000**	**0.3646**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	3.0000e-005	2.0000e-005	2.1000e-004	0.0000	1.0300e-003	0.0000	1.0300e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0580	0.0580	0.0000	0.0000	0.0580
Total	**5.0000e-005**	**4.8000e-004**	**3.3000e-004**	**0.0000**	**1.3800e-003**	**0.0000**	**1.3900e-003**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**0.1635**	**0.1635**	**1.0000e-005**	**0.0000**	**0.1638**

3.8 Swim Club Central Site Prep - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.9000e-004	8.4300e-003	4.0900e-003	1.0000e-005		3.4000e-004	3.4000e-004		3.1000e-004	3.1000e-004	0.0000	0.8559	0.8559	2.8000e-004	0.0000	0.8628
Total	**6.9000e-004**	**8.4300e-003**	**4.0900e-003**	**1.0000e-005**	**5.3000e-004**	**3.4000e-004**	**8.7000e-004**	**6.0000e-005**	**3.1000e-004**	**3.7000e-004**	**0.0000**	**0.8559**	**0.8559**	**2.8000e-004**	**0.0000**	**0.8628**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0290	0.0290	0.0000	0.0000	0.0290
Total	**3.0000e-005**	**4.7000e-004**	**2.3000e-004**	**0.0000**	**1.9500e-003**	**0.0000**	**1.9500e-003**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.1345**	**0.1345**	**1.0000e-005**	**0.0000**	**0.1348**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.1000e-004	0.0000	2.1000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	3.1000e-003	5.8600e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.8559	0.8559	2.8000e-004	0.0000	0.8628
Total	**1.8000e-004**	**3.1000e-003**	**5.8600e-003**	**1.0000e-005**	**2.1000e-004**	**2.0000e-005**	**2.3000e-004**	**2.0000e-005**	**2.0000e-005**	**4.0000e-005**	**0.0000**	**0.8559**	**0.8559**	**2.8000e-004**	**0.0000**	**0.8628**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	1.0000e-005	1.0000e-005	1.1000e-004	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0290	0.0290	0.0000	0.0000	0.0290
Total	**3.0000e-005**	**4.7000e-004**	**2.3000e-004**	**0.0000**	**8.7000e-004**	**0.0000**	**8.8000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.1345**	**0.1345**	**1.0000e-005**	**0.0000**	**0.1348**

3.9 Community Facility in MU - Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0154	0.1598	0.1664	2.6000e-004		8.5500e-003	8.5500e-003		7.8700e-003	7.8700e-003	0.0000	22.7494	22.7494	7.3600e-003	0.0000	22.9334
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0154**	**0.1598**	**0.1664**	**2.6000e-004**		**8.5500e-003**	**8.5500e-003**		**7.8700e-003**	**7.8700e-003**	**0.0000**	**22.7494**	**22.7494**	**7.3600e-003**	**0.0000**	**22.9334**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4000e-004	0.0131	3.4800e-003	3.0000e-005	0.0228	6.0000e-005	0.0228	2.4100e-003	6.0000e-005	2.4700e-003	0.0000	3.0344	3.0344	2.3000e-004	0.0000	3.0402
Worker	1.7000e-004	1.3000e-004	1.2300e-003	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.3334	0.3334	1.0000e-005	0.0000	0.3337
Total	**6.1000e-004**	**0.0132**	**4.7100e-003**	**3.0000e-005**	**0.0361**	**6.0000e-005**	**0.0362**	**3.8100e-003**	**6.0000e-005**	**3.8700e-003**	**0.0000**	**3.3679**	**3.3679**	**2.4000e-004**	**0.0000**	**3.3739**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.7900e-003	0.1140	0.1965	2.6000e-004		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	22.7494	22.7494	7.3600e-003	0.0000	22.9333
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.7900e-003**	**0.1140**	**0.1965**	**2.6000e-004**		**4.2000e-004**	**4.2000e-004**		**4.2000e-004**	**4.2000e-004**	**0.0000**	**22.7494**	**22.7494**	**7.3600e-003**	**0.0000**	**22.9333**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4000e-004	0.0131	3.4800e-003	3.0000e-005	0.0102	6.0000e-005	0.0103	1.1600e-003	6.0000e-005	1.2200e-003	0.0000	3.0344	3.0344	2.3000e-004	0.0000	3.0402
Worker	1.7000e-004	1.3000e-004	1.2300e-003	0.0000	5.9400e-003	0.0000	5.9500e-003	6.5000e-004	0.0000	6.5000e-004	0.0000	0.3334	0.3334	1.0000e-005	0.0000	0.3337
Total	**6.1000e-004**	**0.0132**	**4.7100e-003**	**3.0000e-005**	**0.0161**	**6.0000e-005**	**0.0162**	**1.8100e-003**	**6.0000e-005**	**1.8700e-003**	**0.0000**	**3.3679**	**3.3679**	**2.4000e-004**	**0.0000**	**3.3739**

3.10 Senior Activity Center Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0200e-003	0.0000	6.0200e-003	3.3100e-003	0.0000	3.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0188	0.0124	2.0000e-005		1.0200e-003	1.0200e-003		9.5000e-004	9.5000e-004	0.0000	1.8339	1.8339	4.5000e-004	0.0000	1.8453
Total	**1.9200e-003**	**0.0188**	**0.0124**	**2.0000e-005**	**6.0200e-003**	**1.0200e-003**	**7.0400e-003**	**3.3100e-003**	**9.5000e-004**	**4.2600e-003**	**0.0000**	**1.8339**	**1.8339**	**4.5000e-004**	**0.0000**	**1.8453**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	1.7500e-003	0.0000	1.7500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0435	0.0435	0.0000	0.0000	0.0435
Total	**4.0000e-005**	**4.8000e-004**	**2.8000e-004**	**0.0000**	**2.5400e-003**	**0.0000**	**2.5400e-003**	**2.6000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**0.1490**	**0.1490**	**1.0000e-005**	**0.0000**	**0.1493**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.3500e-003	0.0000	2.3500e-003	1.2900e-003	0.0000	1.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9000e-004	7.1900e-003	0.0131	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.8339	1.8339	4.5000e-004	0.0000	1.8452
Total	**3.9000e-004**	**7.1900e-003**	**0.0131**	**2.0000e-005**	**2.3500e-003**	**3.0000e-005**	**2.3800e-003**	**1.2900e-003**	**3.0000e-005**	**1.3200e-003**	**0.0000**	**1.8339**	**1.8339**	**4.5000e-004**	**0.0000**	**1.8452**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	7.8000e-004	0.0000	7.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0435	0.0435	0.0000	0.0000	0.0435
Total	**4.0000e-005**	**4.8000e-004**	**2.8000e-004**	**0.0000**	**1.1300e-003**	**0.0000**	**1.1400e-003**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.1490**	**0.1490**	**1.0000e-005**	**0.0000**	**0.1493**

3.11 Swim Club Central Grading - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.0200e-003	0.0000	6.0200e-003	3.3100e-003	0.0000	3.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9200e-003	0.0188	0.0124	2.0000e-005		1.0200e-003	1.0200e-003		9.5000e-004	9.5000e-004	0.0000	1.8339	1.8339	4.5000e-004	0.0000	1.8453
Total	**1.9200e-003**	**0.0188**	**0.0124**	**2.0000e-005**	**6.0200e-003**	**1.0200e-003**	**7.0400e-003**	**3.3100e-003**	**9.5000e-004**	**4.2600e-003**	**0.0000**	**1.8339**	**1.8339**	**4.5000e-004**	**0.0000**	**1.8453**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	1.7500e-003	0.0000	1.7500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0435	0.0435	0.0000	0.0000	0.0435
Total	**4.0000e-005**	**4.8000e-004**	**2.8000e-004**	**0.0000**	**2.5400e-003**	**0.0000**	**2.5400e-003**	**2.6000e-004**	**0.0000**	**2.7000e-004**	**0.0000**	**0.1490**	**0.1490**	**1.0000e-005**	**0.0000**	**0.1493**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.3500e-003	0.0000	2.3500e-003	1.2900e-003	0.0000	1.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9000e-004	7.1900e-003	0.0131	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.8339	1.8339	4.5000e-004	0.0000	1.8452
Total	**3.9000e-004**	**7.1900e-003**	**0.0131**	**2.0000e-005**	**2.3500e-003**	**3.0000e-005**	**2.3800e-003**	**1.2900e-003**	**3.0000e-005**	**1.3200e-003**	**0.0000**	**1.8339**	**1.8339**	**4.5000e-004**	**0.0000**	**1.8452**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.2000e-004	0.0000	3.5000e-004	0.0000	3.6000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1055	0.1055	1.0000e-005	0.0000	0.1058
Worker	2.0000e-005	2.0000e-005	1.6000e-004	0.0000	7.8000e-004	0.0000	7.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0435	0.0435	0.0000	0.0000	0.0435
Total	**4.0000e-005**	**4.8000e-004**	**2.8000e-004**	**0.0000**	**1.1300e-003**	**0.0000**	**1.1400e-003**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.1490**	**0.1490**	**1.0000e-005**	**0.0000**	**0.1493**

3.12 Senior Activity Center Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1155	0.0856	1.4000e-004		6.4600e-003	6.4600e-003		5.9500e-003	5.9500e-003	0.0000	12.5117	12.5117	4.0500e-003	0.0000	12.6129
Total	**0.0110**	**0.1155**	**0.0856**	**1.4000e-004**		**6.4600e-003**	**6.4600e-003**		**5.9500e-003**	**5.9500e-003**	**0.0000**	**12.5117**	**12.5117**	**4.0500e-003**	**0.0000**	**12.6129**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.3300e-003	1.1500e-003	1.0000e-005	7.5200e-003	2.0000e-005	7.5400e-003	8.0000e-004	2.0000e-005	8.2000e-004	0.0000	1.0027	1.0027	8.0000e-005	0.0000	1.0046
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	0.0111	0.0000	0.0111	1.1500e-003	0.0000	1.1500e-003	0.0000	0.2755	0.2755	1.0000e-005	0.0000	0.2757
Total	**2.8000e-004**	**4.4300e-003**	**2.1700e-003**	**1.0000e-005**	**0.0186**	**2.0000e-005**	**0.0186**	**1.9500e-003**	**2.0000e-005**	**1.9700e-003**	**0.0000**	**1.2781**	**1.2781**	**9.0000e-005**	**0.0000**	**1.2803**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8700e-003	0.0529	0.0955	1.4000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	12.5117	12.5117	4.0500e-003	0.0000	12.6129
Total	**2.8700e-003**	**0.0529**	**0.0955**	**1.4000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**12.5117**	**12.5117**	**4.0500e-003**	**0.0000**	**12.6129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.3300e-003	1.1500e-003	1.0000e-005	3.3600e-003	2.0000e-005	3.3900e-003	3.8000e-004	2.0000e-005	4.0000e-004	0.0000	1.0027	1.0027	8.0000e-005	0.0000	1.0046
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	4.9100e-003	0.0000	4.9100e-003	5.4000e-004	0.0000	5.4000e-004	0.0000	0.2755	0.2755	1.0000e-005	0.0000	0.2757
Total	**2.8000e-004**	**4.4300e-003**	**2.1700e-003**	**1.0000e-005**	**8.2700e-003**	**2.0000e-005**	**8.3000e-003**	**9.2000e-004**	**2.0000e-005**	**9.4000e-004**	**0.0000**	**1.2781**	**1.2781**	**9.0000e-005**	**0.0000**	**1.2803**

3.12 Senior Activity Center Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0334	0.3508	0.2822	4.8000e-004		0.0188	0.0188		0.0173	0.0173	0.0000	42.1509	42.1509	0.0136	0.0000	42.4917
Total	**0.0334**	**0.3508**	**0.2822**	**4.8000e-004**		**0.0188**	**0.0188**		**0.0173**	**0.0173**	**0.0000**	**42.1509**	**42.1509**	**0.0136**	**0.0000**	**42.4917**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0132	3.5100e-003	3.0000e-005	0.0253	3.0000e-005	0.0254	2.6900e-003	3.0000e-005	2.7100e-003	0.0000	3.3464	3.3464	2.5000e-004	0.0000	3.3526
Worker	4.4000e-004	3.2000e-004	3.2000e-003	1.0000e-005	0.0372	1.0000e-005	0.0373	3.8800e-003	1.0000e-005	3.8900e-003	0.0000	0.8967	0.8967	3.0000e-005	0.0000	0.8973
Total	**8.4000e-004**	**0.0135**	**6.7100e-003**	**4.0000e-005**	**0.0626**	**4.0000e-005**	**0.0626**	**6.5700e-003**	**4.0000e-005**	**6.6000e-003**	**0.0000**	**4.2431**	**4.2431**	**2.8000e-004**	**0.0000**	**4.2500**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6600e-003	0.1780	0.3217	4.8000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	42.1508	42.1508	0.0136	0.0000	42.4916
Total	**9.6600e-003**	**0.1780**	**0.3217**	**4.8000e-004**		**7.8000e-004**	**7.8000e-004**		**7.8000e-004**	**7.8000e-004**	**0.0000**	**42.1508**	**42.1508**	**0.0136**	**0.0000**	**42.4916**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0132	3.5100e-003	3.0000e-005	0.0113	3.0000e-005	0.0114	1.2900e-003	3.0000e-005	1.3100e-003	0.0000	3.3464	3.3464	2.5000e-004	0.0000	3.3526
Worker	4.4000e-004	3.2000e-004	3.2000e-003	1.0000e-005	0.0165	1.0000e-005	0.0165	1.8200e-003	1.0000e-005	1.8200e-003	0.0000	0.8967	0.8967	3.0000e-005	0.0000	0.8973
Total	**8.4000e-004**	**0.0135**	**6.7100e-003**	**4.0000e-005**	**0.0279**	**4.0000e-005**	**0.0279**	**3.1100e-003**	**4.0000e-005**	**3.1300e-003**	**0.0000**	**4.2431**	**4.2431**	**2.8000e-004**	**0.0000**	**4.2500**

3.13 Swim Club Central Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0110	0.1155	0.0856	1.4000e-004		6.4600e-003	6.4600e-003		5.9500e-003	5.9500e-003	0.0000	12.5117	12.5117	4.0500e-003	0.0000	12.6129
Total	**0.0110**	**0.1155**	**0.0856**	**1.4000e-004**		**6.4600e-003**	**6.4600e-003**		**5.9500e-003**	**5.9500e-003**	**0.0000**	**12.5117**	**12.5117**	**4.0500e-003**	**0.0000**	**12.6129**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.3300e-003	1.1500e-003	1.0000e-005	7.5200e-003	2.0000e-005	7.5400e-003	8.0000e-004	2.0000e-005	8.2000e-004	0.0000	1.0027	1.0027	8.0000e-005	0.0000	1.0046
Worker	7.0000e-005	5.0000e-005	5.1000e-004	0.0000	5.5300e-003	0.0000	5.5300e-003	5.8000e-004	0.0000	5.8000e-004	0.0000	0.1377	0.1377	0.0000	0.0000	0.1378
Total	**2.1000e-004**	**4.3800e-003**	**1.6600e-003**	**1.0000e-005**	**0.0131**	**2.0000e-005**	**0.0131**	**1.3800e-003**	**2.0000e-005**	**1.4000e-003**	**0.0000**	**1.1404**	**1.1404**	**8.0000e-005**	**0.0000**	**1.1424**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8700e-003	0.0529	0.0955	1.4000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	12.5117	12.5117	4.0500e-003	0.0000	12.6129
Total	**2.8700e-003**	**0.0529**	**0.0955**	**1.4000e-004**		**2.3000e-004**	**2.3000e-004**		**2.3000e-004**	**2.3000e-004**	**0.0000**	**12.5117**	**12.5117**	**4.0500e-003**	**0.0000**	**12.6129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.3300e-003	1.1500e-003	1.0000e-005	3.3600e-003	2.0000e-005	3.3900e-003	3.8000e-004	2.0000e-005	4.0000e-004	0.0000	1.0027	1.0027	8.0000e-005	0.0000	1.0046
Worker	7.0000e-005	5.0000e-005	5.1000e-004	0.0000	2.4500e-003	0.0000	2.4600e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.1377	0.1377	0.0000	0.0000	0.1378
Total	**2.1000e-004**	**4.3800e-003**	**1.6600e-003**	**1.0000e-005**	**5.8100e-003**	**2.0000e-005**	**5.8500e-003**	**6.5000e-004**	**2.0000e-005**	**6.7000e-004**	**0.0000**	**1.1404**	**1.1404**	**8.0000e-005**	**0.0000**	**1.1424**

3.13 Swim Club Central Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0334	0.3508	0.2822	4.8000e-004		0.0188	0.0188		0.0173	0.0173	0.0000	42.1509	42.1509	0.0136	0.0000	42.4917
Total	**0.0334**	**0.3508**	**0.2822**	**4.8000e-004**		**0.0188**	**0.0188**		**0.0173**	**0.0173**	**0.0000**	**42.1509**	**42.1509**	**0.0136**	**0.0000**	**42.4917**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0132	3.5100e-003	3.0000e-005	0.0253	3.0000e-005	0.0254	2.6900e-003	3.0000e-005	2.7100e-003	0.0000	3.3464	3.3464	2.5000e-004	0.0000	3.3526
Worker	2.2000e-004	1.6000e-004	1.6000e-003	0.0000	0.0186	0.0000	0.0186	1.9400e-003	0.0000	1.9500e-003	0.0000	0.4483	0.4483	1.0000e-005	0.0000	0.4487
Total	**6.2000e-004**	**0.0133**	**5.1100e-003**	**3.0000e-005**	**0.0440**	**3.0000e-005**	**0.0440**	**4.6300e-003**	**3.0000e-005**	**4.6600e-003**	**0.0000**	**3.7948**	**3.7948**	**2.6000e-004**	**0.0000**	**3.8013**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6600e-003	0.1780	0.3217	4.8000e-004		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	42.1508	42.1508	0.0136	0.0000	42.4916
Total	**9.6600e-003**	**0.1780**	**0.3217**	**4.8000e-004**		**7.8000e-004**	**7.8000e-004**		**7.8000e-004**	**7.8000e-004**	**0.0000**	**42.1508**	**42.1508**	**0.0136**	**0.0000**	**42.4916**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0132	3.5100e-003	3.0000e-005	0.0113	3.0000e-005	0.0114	1.2900e-003	3.0000e-005	1.3100e-003	0.0000	3.3464	3.3464	2.5000e-004	0.0000	3.3526
Worker	2.2000e-004	1.6000e-004	1.6000e-003	0.0000	8.2700e-003	0.0000	8.2700e-003	9.1000e-004	0.0000	9.1000e-004	0.0000	0.4483	0.4483	1.0000e-005	0.0000	0.4487
Total	**6.2000e-004**	**0.0133**	**5.1100e-003**	**3.0000e-005**	**0.0196**	**3.0000e-005**	**0.0196**	**2.2000e-003**	**3.0000e-005**	**2.2200e-003**	**0.0000**	**3.7948**	**3.7948**	**2.6000e-004**	**0.0000**	**3.8013**

3.14 Senior Activity Center Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9200e-003	0.0204	0.0242	4.0000e-005		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	3.4043	3.4043	2.3000e-004	0.0000	3.4102
Total	**0.0249**	**0.0204**	**0.0242**	**4.0000e-005**		**1.2500e-003**	**1.2500e-003**		**1.2500e-003**	**1.2500e-003**	**0.0000**	**3.4043**	**3.4043**	**2.3000e-004**	**0.0000**	**3.4102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1100e-003	1.1000e-003	1.0000e-005	7.9100e-003	1.0000e-005	7.9200e-003	8.4000e-004	1.0000e-005	8.5000e-004	0.0000	1.0458	1.0458	8.0000e-005	0.0000	1.0477
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	5.8200e-003	0.0000	5.8200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.1401	0.1401	0.0000	0.0000	0.1402
Total	**1.9000e-004**	**4.1600e-003**	**1.6000e-003**	**1.0000e-005**	**0.0137**	**1.0000e-005**	**0.0137**	**1.4500e-003**	**1.0000e-005**	**1.4600e-003**	**0.0000**	**1.1859**	**1.1859**	**8.0000e-005**	**0.0000**	**1.1879**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0220					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3000e-004	0.0141	0.0244	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.4043	3.4043	2.3000e-004	0.0000	3.4102
Total	**0.0227**	**0.0141**	**0.0244**	**4.0000e-005**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**3.4043**	**3.4043**	**2.3000e-004**	**0.0000**	**3.4102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1100e-003	1.1000e-003	1.0000e-005	3.5400e-003	1.0000e-005	3.5500e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.0458	1.0458	8.0000e-005	0.0000	1.0477
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	2.5800e-003	0.0000	2.5800e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1401	0.1401	0.0000	0.0000	0.1402
Total	**1.9000e-004**	**4.1600e-003**	**1.6000e-003**	**1.0000e-005**	**6.1200e-003**	**1.0000e-005**	**6.1300e-003**	**6.8000e-004**	**1.0000e-005**	**6.9000e-004**	**0.0000**	**1.1859**	**1.1859**	**8.0000e-005**	**0.0000**	**1.1879**

3.15 Swim Club Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.3500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9200e-003	0.0204	0.0242	4.0000e-005		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	3.4043	3.4043	2.3000e-004	0.0000	3.4102
Total	**7.2700e-003**	**0.0204**	**0.0242**	**4.0000e-005**		**1.2500e-003**	**1.2500e-003**		**1.2500e-003**	**1.2500e-003**	**0.0000**	**3.4043**	**3.4043**	**2.3000e-004**	**0.0000**	**3.4102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1100e-003	1.1000e-003	1.0000e-005	7.9100e-003	1.0000e-005	7.9200e-003	8.4000e-004	1.0000e-005	8.5000e-004	0.0000	1.0458	1.0458	8.0000e-005	0.0000	1.0477
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	5.8200e-003	0.0000	5.8200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.1401	0.1401	0.0000	0.0000	0.1402
Total	**1.9000e-004**	**4.1600e-003**	**1.6000e-003**	**1.0000e-005**	**0.0137**	**1.0000e-005**	**0.0137**	**1.4500e-003**	**1.0000e-005**	**1.4600e-003**	**0.0000**	**1.1859**	**1.1859**	**8.0000e-005**	**0.0000**	**1.1879**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.3500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3000e-004	0.0141	0.0244	4.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	3.4043	3.4043	2.3000e-004	0.0000	3.4102
Total	**5.0800e-003**	**0.0141**	**0.0244**	**4.0000e-005**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**0.0000**	**3.4043**	**3.4043**	**2.3000e-004**	**0.0000**	**3.4102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.1100e-003	1.1000e-003	1.0000e-005	3.5400e-003	1.0000e-005	3.5500e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.0458	1.0458	8.0000e-005	0.0000	1.0477
Worker	7.0000e-005	5.0000e-005	5.0000e-004	0.0000	2.5800e-003	0.0000	2.5800e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1401	0.1401	0.0000	0.0000	0.1402
Total	**1.9000e-004**	**4.1600e-003**	**1.6000e-003**	**1.0000e-005**	**6.1200e-003**	**1.0000e-005**	**6.1300e-003**	**6.8000e-004**	**1.0000e-005**	**6.9000e-004**	**0.0000**	**1.1859**	**1.1859**	**8.0000e-005**	**0.0000**	**1.1879**

3.16 Senior Activity Center Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6500e-003	0.0220	0.0305	5.0000e-005		8.9000e-004	8.9000e-004		8.2000e-004	8.2000e-004	0.0000	3.9794	3.9794	1.2900e-003	0.0000	4.0116
Total	**1.6500e-003**	**0.0220**	**0.0305**	**5.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**3.9794**	**3.9794**	**1.2900e-003**	**0.0000**	**4.0116**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7200e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**0.0215**	**1.0000e-005**	**0.0215**	**2.2600e-003**	**1.0000e-005**	**2.2700e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1200e-003	0.0255	0.0344	5.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003	0.0000	3.9794	3.9794	1.2900e-003	0.0000	4.0115
Total	**1.1200e-003**	**0.0255**	**0.0344**	**5.0000e-005**		**1.0400e-003**	**1.0400e-003**		**1.0400e-003**	**1.0400e-003**	**0.0000**	**3.9794**	**3.9794**	**1.2900e-003**	**0.0000**	**4.0115**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	3.9000e-003	1.0000e-005	3.9100e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**9.5800e-003**	**1.0000e-005**	**9.6000e-003**	**1.0600e-003**	**1.0000e-005**	**1.0800e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

3.17 Swim Club Central Landscaping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6500e-003	0.0220	0.0305	5.0000e-005		8.9000e-004	8.9000e-004		8.2000e-004	8.2000e-004	0.0000	3.9794	3.9794	1.2900e-003	0.0000	4.0116
Total	**1.6500e-003**	**0.0220**	**0.0305**	**5.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**3.9794**	**3.9794**	**1.2900e-003**	**0.0000**	**4.0116**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7200e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**0.0215**	**1.0000e-005**	**0.0215**	**2.2600e-003**	**1.0000e-005**	**2.2700e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1200e-003	0.0255	0.0344	5.0000e-005		1.0400e-003	1.0400e-003		1.0400e-003	1.0400e-003	0.0000	3.9794	3.9794	1.2900e-003	0.0000	4.0115
Total	**1.1200e-003**	**0.0255**	**0.0344**	**5.0000e-005**		**1.0400e-003**	**1.0400e-003**		**1.0400e-003**	**1.0400e-003**	**0.0000**	**3.9794**	**3.9794**	**1.2900e-003**	**0.0000**	**4.0115**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	3.9000e-003	1.0000e-005	3.9100e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**9.5800e-003**	**1.0000e-005**	**9.6000e-003**	**1.0600e-003**	**1.0000e-005**	**1.0800e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

3.18 Senior Activity Center Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0130	0.1340	0.1520	2.4000e-004		7.0300e-003	7.0300e-003		6.4700e-003	6.4700e-003	0.0000	20.7663	20.7663	6.7200e-003	0.0000	20.9342
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0130**	**0.1340**	**0.1520**	**2.4000e-004**		**7.0300e-003**	**7.0300e-003**		**6.4700e-003**	**6.4700e-003**	**0.0000**	**20.7663**	**20.7663**	**6.7200e-003**	**0.0000**	**20.9342**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0108	2.8800e-003	3.0000e-005	0.0208	2.0000e-005	0.0208	2.2000e-003	2.0000e-005	2.2300e-003	0.0000	2.7451	2.7451	2.0000e-004	0.0000	2.7502
Worker	2.9000e-004	2.1000e-004	2.1000e-003	1.0000e-005	0.0244	0.0000	0.0244	2.5500e-003	0.0000	2.5500e-003	0.0000	0.5884	0.5884	2.0000e-005	0.0000	0.5889
Total	**6.1000e-004**	**0.0110**	**4.9800e-003**	**4.0000e-005**	**0.0452**	**2.0000e-005**	**0.0452**	**4.7500e-003**	**2.0000e-005**	**4.7800e-003**	**0.0000**	**3.3336**	**3.3336**	**2.2000e-004**	**0.0000**	**3.3391**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.4600e-003	0.1041	0.1794	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	20.7663	20.7663	6.7200e-003	0.0000	20.9342
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.4600e-003**	**0.1041**	**0.1794**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**20.7663**	**20.7663**	**6.7200e-003**	**0.0000**	**20.9342**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0108	2.8800e-003	3.0000e-005	9.3000e-003	2.0000e-005	9.3200e-003	1.0600e-003	2.0000e-005	1.0800e-003	0.0000	2.7451	2.7451	2.0000e-004	0.0000	2.7502
Worker	2.9000e-004	2.1000e-004	2.1000e-003	1.0000e-005	0.0109	0.0000	0.0109	1.1900e-003	0.0000	1.2000e-003	0.0000	0.5884	0.5884	2.0000e-005	0.0000	0.5889
Total	**6.1000e-004**	**0.0110**	**4.9800e-003**	**4.0000e-005**	**0.0202**	**2.0000e-005**	**0.0202**	**2.2500e-003**	**2.0000e-005**	**2.2800e-003**	**0.0000**	**3.3336**	**3.3336**	**2.2000e-004**	**0.0000**	**3.3391**

3.19 Commercial 2- Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.3000e-004	6.1900e-003	3.9200e-003	1.0000e-005		2.3000e-004	2.3000e-004		2.1000e-004	2.1000e-004	0.0000	0.8550	0.8550	2.8000e-004	0.0000	0.8619
Total	**5.3000e-004**	**6.1900e-003**	**3.9200e-003**	**1.0000e-005**	**5.3000e-004**	**2.3000e-004**	**7.6000e-004**	**6.0000e-005**	**2.1000e-004**	**2.7000e-004**	**0.0000**	**0.8550**	**0.8550**	**2.8000e-004**	**0.0000**	**0.8619**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1010	0.1010	1.0000e-005	0.0000	0.1012
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.1600e-003	0.0000	1.1600e-003	1.2000e-004	0.0000	1.2000e-004	0.0000	0.0260	0.0260	0.0000	0.0000	0.0260
Total	**2.0000e-005**	**3.1000e-004**	**1.8000e-004**	**0.0000**	**1.9500e-003**	**0.0000**	**1.9500e-003**	**2.0000e-004**	**0.0000**	**2.0000e-004**	**0.0000**	**0.1269**	**0.1269**	**1.0000e-005**	**0.0000**	**0.1271**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.1000e-004	0.0000	2.1000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	3.1000e-003	5.8600e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.8550	0.8550	2.8000e-004	0.0000	0.8619
Total	**1.8000e-004**	**3.1000e-003**	**5.8600e-003**	**1.0000e-005**	**2.1000e-004**	**2.0000e-005**	**2.3000e-004**	**2.0000e-005**	**2.0000e-005**	**4.0000e-005**	**0.0000**	**0.8550**	**0.8550**	**2.8000e-004**	**0.0000**	**0.8619**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1010	0.1010	1.0000e-005	0.0000	0.1012
Worker	1.0000e-005	1.0000e-005	9.0000e-005	0.0000	5.2000e-004	0.0000	5.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0260	0.0260	0.0000	0.0000	0.0260
Total	**2.0000e-005**	**3.1000e-004**	**1.8000e-004**	**0.0000**	**8.7000e-004**	**0.0000**	**8.7000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.1269**	**0.1269**	**1.0000e-005**	**0.0000**	**0.1271**

3.20 Commercial 2- Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5100e-003	0.0000	1.5100e-003	8.3000e-004	0.0000	8.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.2900e-003	0.0116	0.0148	2.0000e-005		5.6000e-004	5.6000e-004		5.4000e-004	5.4000e-004	0.0000	2.0836	2.0836	3.8000e-004	0.0000	2.0931
Total	**1.2900e-003**	**0.0116**	**0.0148**	**2.0000e-005**	**1.5100e-003**	**5.6000e-004**	**2.0700e-003**	**8.3000e-004**	**5.4000e-004**	**1.3700e-003**	**0.0000**	**2.0836**	**2.0836**	**3.8000e-004**	**0.0000**	**2.0931**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.1000e-004	1.9000e-004	0.0000	1.5800e-003	0.0000	1.5800e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.2020	0.2020	1.0000e-005	0.0000	0.2023
Worker	4.0000e-005	2.0000e-005	2.6000e-004	0.0000	3.4900e-003	0.0000	3.4900e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.0779	0.0779	0.0000	0.0000	0.0779
Total	**6.0000e-005**	**6.3000e-004**	**4.5000e-004**	**0.0000**	**5.0700e-003**	**0.0000**	**5.0700e-003**	**5.3000e-004**	**0.0000**	**5.3000e-004**	**0.0000**	**0.2799**	**0.2799**	**1.0000e-005**	**0.0000**	**0.2802**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.9000e-004	0.0000	5.9000e-004	3.2000e-004	0.0000	3.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7000e-004	9.0900e-003	0.0159	2.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.0836	2.0836	3.8000e-004	0.0000	2.0931
Total	**4.7000e-004**	**9.0900e-003**	**0.0159**	**2.0000e-005**	**5.9000e-004**	**4.0000e-005**	**6.3000e-004**	**3.2000e-004**	**4.0000e-005**	**3.6000e-004**	**0.0000**	**2.0836**	**2.0836**	**3.8000e-004**	**0.0000**	**2.0931**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.1000e-004	1.9000e-004	0.0000	7.1000e-004	0.0000	7.1000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2020	0.2020	1.0000e-005	0.0000	0.2023
Worker	4.0000e-005	2.0000e-005	2.6000e-004	0.0000	1.5500e-003	0.0000	1.5500e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.0779	0.0779	0.0000	0.0000	0.0779
Total	**6.0000e-005**	**6.3000e-004**	**4.5000e-004**	**0.0000**	**2.2600e-003**	**0.0000**	**2.2600e-003**	**2.5000e-004**	**0.0000**	**2.5000e-004**	**0.0000**	**0.2799**	**0.2799**	**1.0000e-005**	**0.0000**	**0.2802**

3.21 Commercial 2- Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0531	0.5443	0.5312	9.3000e-004		0.0266	0.0266		0.0244	0.0244	0.0000	81.7476	81.7476	0.0264	0.0000	82.4086
Total	**0.0531**	**0.5443**	**0.5312**	**9.3000e-004**		**0.0266**	**0.0266**		**0.0244**	**0.0244**	**0.0000**	**81.7476**	**81.7476**	**0.0264**	**0.0000**	**82.4086**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-004	0.0189	5.8600e-003	6.0000e-005	0.0491	2.0000e-005	0.0491	5.2000e-003	2.0000e-005	5.2300e-003	0.0000	6.2606	6.2606	4.3000e-004	0.0000	6.2713
Worker	3.9000e-004	2.6000e-004	2.6700e-003	1.0000e-005	0.0361	1.0000e-005	0.0361	3.7600e-003	1.0000e-005	3.7700e-003	0.0000	0.8048	0.8048	2.0000e-005	0.0000	0.8054
Total	**9.4000e-004**	**0.0192**	**8.5300e-003**	**7.0000e-005**	**0.0851**	**3.0000e-005**	**0.0852**	**8.9600e-003**	**3.0000e-005**	**9.0000e-003**	**0.0000**	**7.0655**	**7.0655**	**4.5000e-004**	**0.0000**	**7.0766**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0187	0.3449	0.6232	9.3000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	81.7475	81.7475	0.0264	0.0000	82.4085
Total	**0.0187**	**0.3449**	**0.6232**	**9.3000e-004**		**1.5200e-003**	**1.5200e-003**		**1.5200e-003**	**1.5200e-003**	**0.0000**	**81.7475**	**81.7475**	**0.0264**	**0.0000**	**82.4085**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-004	0.0189	5.8600e-003	6.0000e-005	0.0220	2.0000e-005	0.0220	2.5000e-003	2.0000e-005	2.5200e-003	0.0000	6.2606	6.2606	4.3000e-004	0.0000	6.2713
Worker	3.9000e-004	2.6000e-004	2.6700e-003	1.0000e-005	0.0160	1.0000e-005	0.0160	1.7600e-003	1.0000e-005	1.7700e-003	0.0000	0.8048	0.8048	2.0000e-005	0.0000	0.8054
Total	**9.4000e-004**	**0.0192**	**8.5300e-003**	**7.0000e-005**	**0.0380**	**3.0000e-005**	**0.0380**	**4.2600e-003**	**3.0000e-005**	**4.2900e-003**	**0.0000**	**7.0655**	**7.0655**	**4.5000e-004**	**0.0000**	**7.0766**

3.22 Commercial 3- Architectural coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.3200e-003	0.0226	0.0314	5.0000e-005		1.2300e-003	1.2300e-003		1.2300e-003	1.2300e-003	0.0000	4.4256	4.4256	2.6000e-004	0.0000	4.4323
Total	**0.0213**	**0.0226**	**0.0314**	**5.0000e-005**		**1.2300e-003**	**1.2300e-003**		**1.2300e-003**	**1.2300e-003**	**0.0000**	**4.4256**	**4.4256**	**2.6000e-004**	**0.0000**	**4.4323**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.9600e-003	1.2300e-003	1.0000e-005	0.0103	0.0000	0.0103	1.0900e-003	0.0000	1.1000e-003	0.0000	1.3127	1.3127	9.0000e-005	0.0000	1.3150
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	7.5600e-003	0.0000	7.5700e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.1688	0.1688	0.0000	0.0000	0.1689
Total	**2.0000e-004**	**4.0100e-003**	**1.7900e-003**	**1.0000e-005**	**0.0179**	**0.0000**	**0.0179**	**1.8800e-003**	**0.0000**	**1.8900e-003**	**0.0000**	**1.4815**	**1.4815**	**9.0000e-005**	**0.0000**	**1.4838**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.4000e-004	0.0184	0.0318	5.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	4.4256	4.4256	2.6000e-004	0.0000	4.4323
Total	**0.0190**	**0.0184**	**0.0318**	**5.0000e-005**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**4.4256**	**4.4256**	**2.6000e-004**	**0.0000**	**4.4323**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.9600e-003	1.2300e-003	1.0000e-005	4.6000e-003	0.0000	4.6100e-003	5.2000e-004	0.0000	5.3000e-004	0.0000	1.3127	1.3127	9.0000e-005	0.0000	1.3150
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	3.3600e-003	0.0000	3.3600e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.1688	0.1688	0.0000	0.0000	0.1689
Total	**2.0000e-004**	**4.0100e-003**	**1.7900e-003**	**1.0000e-005**	**7.9600e-003**	**0.0000**	**7.9700e-003**	**8.9000e-004**	**0.0000**	**9.0000e-004**	**0.0000**	**1.4815**	**1.4815**	**9.0000e-005**	**0.0000**	**1.4838**

3.23 Commercial 3- Site Preparation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.0000e-004	0.0000	8.0000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5000e-004	8.4100e-003	5.8400e-003	1.0000e-005		3.0000e-004	3.0000e-004		2.8000e-004	2.8000e-004	0.0000	1.2822	1.2822	4.1000e-004	0.0000	1.2926
Total	**7.5000e-004**	**8.4100e-003**	**5.8400e-003**	**1.0000e-005**	**8.0000e-004**	**3.0000e-004**	**1.1000e-003**	**9.0000e-005**	**2.8000e-004**	**3.7000e-004**	**0.0000**	**1.2822**	**1.2822**	**4.1000e-004**	**0.0000**	**1.2926**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.5000e-004	1.4000e-004	0.0000	1.1900e-003	0.0000	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.1505	0.1505	1.0000e-005	0.0000	0.1508
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	1.7500e-003	0.0000	1.7500e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.0374	0.0374	0.0000	0.0000	0.0374
Total	**3.0000e-005**	**4.6000e-004**	**2.6000e-004**	**0.0000**	**2.9400e-003**	**0.0000**	**2.9400e-003**	**3.1000e-004**	**0.0000**	**3.1000e-004**	**0.0000**	**0.1879**	**0.1879**	**1.0000e-005**	**0.0000**	**0.1882**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.1000e-004	0.0000	3.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7000e-004	4.6500e-003	8.7900e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.2822	1.2822	4.1000e-004	0.0000	1.2926
Total	**2.7000e-004**	**4.6500e-003**	**8.7900e-003**	**1.0000e-005**	**3.1000e-004**	**2.0000e-005**	**3.3000e-004**	**3.0000e-005**	**2.0000e-005**	**5.0000e-005**	**0.0000**	**1.2822**	**1.2822**	**4.1000e-004**	**0.0000**	**1.2926**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.5000e-004	1.4000e-004	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1505	0.1505	1.0000e-005	0.0000	0.1508
Worker	2.0000e-005	1.0000e-005	1.2000e-004	0.0000	7.8000e-004	0.0000	7.8000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.0374	0.0374	0.0000	0.0000	0.0374
Total	**3.0000e-005**	**4.6000e-004**	**2.6000e-004**	**0.0000**	**1.3100e-003**	**0.0000**	**1.3100e-003**	**1.5000e-004**	**0.0000**	**1.5000e-004**	**0.0000**	**0.1879**	**0.1879**	**1.0000e-005**	**0.0000**	**0.1882**

3.24 Commercial 3- Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0151	0.0000	0.0151	8.2800e-003	0.0000	8.2800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2400e-003	0.0311	0.0281	5.0000e-005		1.4100e-003	1.4100e-003		1.3200e-003	1.3200e-003	0.0000	4.5885	4.5885	1.1100e-003	0.0000	4.6163
Total	**3.2400e-003**	**0.0311**	**0.0281**	**5.0000e-005**	**0.0151**	**1.4100e-003**	**0.0165**	**8.2800e-003**	**1.3200e-003**	**9.6000e-003**	**0.0000**	**4.5885**	**4.5885**	**1.1100e-003**	**0.0000**	**4.6163**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	7.5000e-004	2.3000e-004	0.0000	1.9800e-003	0.0000	1.9800e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.2508	0.2508	2.0000e-005	0.0000	0.2513
Worker	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	4.3600e-003	0.0000	4.3600e-003	4.6000e-004	0.0000	4.6000e-004	0.0000	0.0935	0.0935	0.0000	0.0000	0.0936
Total	**6.0000e-005**	**7.8000e-004**	**5.3000e-004**	**0.0000**	**6.3400e-003**	**0.0000**	**6.3400e-003**	**6.7000e-004**	**0.0000**	**6.7000e-004**	**0.0000**	**0.3444**	**0.3444**	**2.0000e-005**	**0.0000**	**0.3448**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					5.8700e-003	0.0000	5.8700e-003	3.2300e-003	0.0000	3.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-004	0.0180	0.0327	5.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	4.5885	4.5885	1.1100e-003	0.0000	4.6163
Total	**9.8000e-004**	**0.0180**	**0.0327**	**5.0000e-005**	**5.8700e-003**	**8.0000e-005**	**5.9500e-003**	**3.2300e-003**	**8.0000e-005**	**3.3100e-003**	**0.0000**	**4.5885**	**4.5885**	**1.1100e-003**	**0.0000**	**4.6163**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	7.5000e-004	2.3000e-004	0.0000	8.9000e-004	0.0000	8.9000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2508	0.2508	2.0000e-005	0.0000	0.2513
Worker	4.0000e-005	3.0000e-005	3.0000e-004	0.0000	1.9400e-003	0.0000	1.9400e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.0935	0.0935	0.0000	0.0000	0.0936
Total	**6.0000e-005**	**7.8000e-004**	**5.3000e-004**	**0.0000**	**2.8300e-003**	**0.0000**	**2.8300e-003**	**3.1000e-004**	**0.0000**	**3.1000e-004**	**0.0000**	**0.3444**	**0.3444**	**2.0000e-005**	**0.0000**	**0.3448**

3.25 Commercial 3- Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0491	0.4967	0.5189	9.2000e-004		0.0232	0.0232		0.0213	0.0213	0.0000	80.4494	80.4494	0.0260	0.0000	81.0999
Total	**0.0491**	**0.4967**	**0.5189**	**9.2000e-004**		**0.0232**	**0.0232**		**0.0213**	**0.0213**	**0.0000**	**80.4494**	**80.4494**	**0.0260**	**0.0000**	**81.0999**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2000e-004	0.0183	5.5800e-003	6.0000e-005	0.0483	2.0000e-005	0.0483	5.1200e-003	2.0000e-005	5.1400e-003	0.0000	6.1205	6.1205	4.1000e-004	0.0000	6.1309
Worker	3.6000e-004	2.3000e-004	2.4500e-003	1.0000e-005	0.0355	1.0000e-005	0.0355	3.7000e-003	1.0000e-005	3.7100e-003	0.0000	0.7607	0.7607	2.0000e-005	0.0000	0.7612
Total	**8.8000e-004**	**0.0186**	**8.0300e-003**	**7.0000e-005**	**0.0838**	**3.0000e-005**	**0.0838**	**8.8200e-003**	**3.0000e-005**	**8.8500e-003**	**0.0000**	**6.8812**	**6.8812**	**4.3000e-004**	**0.0000**	**6.8920**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0184	0.3393	0.6132	9.2000e-004		1.5000e-003	1.5000e-003		1.5000e-003	1.5000e-003	0.0000	80.4493	80.4493	0.0260	0.0000	81.0998
Total	**0.0184**	**0.3393**	**0.6132**	**9.2000e-004**		**1.5000e-003**	**1.5000e-003**		**1.5000e-003**	**1.5000e-003**	**0.0000**	**80.4493**	**80.4493**	**0.0260**	**0.0000**	**81.0998**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2000e-004	0.0183	5.5800e-003	6.0000e-005	0.0216	2.0000e-005	0.0216	2.4600e-003	2.0000e-005	2.4800e-003	0.0000	6.1205	6.1205	4.1000e-004	0.0000	6.1309
Worker	3.6000e-004	2.3000e-004	2.4500e-003	1.0000e-005	0.0158	1.0000e-005	0.0158	1.7300e-003	1.0000e-005	1.7400e-003	0.0000	0.7607	0.7607	2.0000e-005	0.0000	0.7612
Total	**8.8000e-004**	**0.0186**	**8.0300e-003**	**7.0000e-005**	**0.0374**	**3.0000e-005**	**0.0374**	**4.1900e-003**	**3.0000e-005**	**4.2200e-003**	**0.0000**	**6.8812**	**6.8812**	**4.3000e-004**	**0.0000**	**6.8920**

3.26 Commercial 2- Architectural coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0171					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2500e-003	0.0219	0.0326	5.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003	0.0000	4.5959	4.5959	2.6000e-004	0.0000	4.6023
Total	**0.0203**	**0.0219**	**0.0326**	**5.0000e-005**		**1.1000e-003**	**1.1000e-003**		**1.1000e-003**	**1.1000e-003**	**0.0000**	**4.5959**	**4.5959**	**2.6000e-004**	**0.0000**	**4.6023**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0600e-003	1.2400e-003	1.0000e-005	0.0107	0.0000	0.0107	1.1300e-003	0.0000	1.1400e-003	0.0000	1.3545	1.3545	9.0000e-005	0.0000	1.3568
Worker	8.0000e-005	5.0000e-005	5.4000e-004	0.0000	7.8600e-003	0.0000	7.8600e-003	8.2000e-004	0.0000	8.2000e-004	0.0000	0.1684	0.1684	0.0000	0.0000	0.1685
Total	**2.0000e-004**	**4.1100e-003**	**1.7800e-003**	**1.0000e-005**	**0.0185**	**0.0000**	**0.0186**	**1.9500e-003**	**0.0000**	**1.9600e-003**	**0.0000**	**1.5229**	**1.5229**	**9.0000e-005**	**0.0000**	**1.5253**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0171					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-004	0.0191	0.0330	5.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	4.5959	4.5959	2.6000e-004	0.0000	4.6023
Total	**0.0181**	**0.0191**	**0.0330**	**5.0000e-005**		**7.0000e-005**	**7.0000e-005**		**7.0000e-005**	**7.0000e-005**	**0.0000**	**4.5959**	**4.5959**	**2.6000e-004**	**0.0000**	**4.6023**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0600e-003	1.2400e-003	1.0000e-005	4.7800e-003	0.0000	4.7900e-003	5.4000e-004	0.0000	5.5000e-004	0.0000	1.3545	1.3545	9.0000e-005	0.0000	1.3568
Worker	8.0000e-005	5.0000e-005	5.4000e-004	0.0000	3.4900e-003	0.0000	3.4900e-003	3.8000e-004	0.0000	3.8000e-004	0.0000	0.1684	0.1684	0.0000	0.0000	0.1685
Total	**2.0000e-004**	**4.1100e-003**	**1.7800e-003**	**1.0000e-005**	**8.2700e-003**	**0.0000**	**8.2800e-003**	**9.2000e-004**	**0.0000**	**9.3000e-004**	**0.0000**	**1.5229**	**1.5229**	**9.0000e-005**	**0.0000**	**1.5253**

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	6	6	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Concrete/Industrial Saws	Diesel	Tier 4 Interim	6	6	No Change	0.00
Cranes	Diesel	Tier 4 Interim	6	6	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	11	11	No Change	0.00
Graders	Diesel	Tier 4 Interim	6	6	No Change	0.00
Pavers	Diesel	Tier 4 Interim	5	5	No Change	0.00
Rollers	Diesel	Tier 4 Interim	5	5	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	7	7	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	30	30	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	1	1	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	1	1	No Change	0.00
Welders	Diesel	Tier 4 Interim	3	3	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	4	4	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	8	8	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	1.66100E-002	1.14430E-001	1.44190E-001	2.40000E-004	6.76000E-003	6.76000E-003	0.00000E+000	2.02558E+001	2.02558E+001	1.33000E-003	0.00000E+000	2.02892E+001
Concrete/Industrial Saws	2.29000E-003	1.78000E-002	2.38100E-002	4.00000E-005	9.30000E-004	9.30000E-004	0.00000E+000	3.49477E+000	3.49477E+000	1.80000E-004	0.00000E+000	3.49939E+000
Cranes	9.52500E-002	1.07975E+000	4.73750E-001	1.42000E-003	4.45300E-002	4.09700E-002	0.00000E+000	1.24642E+002	1.24642E+002	4.03100E-002	0.00000E+000	1.25650E+002
Forklifts	5.24700E-002	4.83270E-001	5.26890E-001	7.00000E-004	3.21400E-002	2.95700E-002	0.00000E+000	6.12056E+001	6.12056E+001	1.98000E-002	0.00000E+000	6.17005E+001
Generator Sets	1.65600E-002	1.44360E-001	1.53780E-001	2.70000E-004	8.14000E-003	8.14000E-003	0.00000E+000	2.34561E+001	2.34561E+001	1.32000E-003	0.00000E+000	2.34891E+001
Graders	2.10000E-003	2.67000E-002	8.71000E-003	3.00000E-005	8.60000E-004	7.90000E-004	0.00000E+000	2.91062E+000	2.91062E+000	9.40000E-004	0.00000E+000	2.93416E+000
Pavers	1.10900E-002	1.17830E-001	1.26260E-001	2.00000E-004	5.71000E-003	5.26000E-003	0.00000E+000	1.79697E+001	1.79697E+001	5.81000E-003	0.00000E+000	1.81150E+001
Paving Equipment	8.68000E-003	8.87700E-002	1.10140E-001	1.80000E-004	4.41000E-003	4.06000E-003	0.00000E+000	1.55323E+001	1.55323E+001	5.02000E-003	0.00000E+000	1.56579E+001
Rollers	8.66000E-003	8.71600E-002	8.19900E-002	1.10000E-004	5.45000E-003	5.02000E-003	0.00000E+000	1.00137E+001	1.00137E+001	3.24000E-003	0.00000E+000	1.00946E+001
Rubber Tired Dozers	5.15000E-003	5.36000E-002	2.10000E-002	5.00000E-005	2.55000E-003	2.34000E-003	0.00000E+000	4.31478E+000	4.31478E+000	1.40000E-003	0.00000E+000	4.34967E+000
Rubber Tired Loaders	1.90000E-004	2.20000E-003	8.20000E-004	0.00000E+000	7.00000E-005	7.00000E-005	0.00000E+000	2.74500E-001	2.74500E-001	9.00000E-005	0.00000E+000	2.76720E-001
Skid Steer Loaders	5.30000E-003	7.04300E-002	9.55200E-002	1.40000E-004	2.93000E-003	2.70000E-003	0.00000E+000	1.24801E+001	1.24801E+001	4.04000E-003	0.00000E+000	1.25810E+001
Tractors/Loaders/Backhoes	7.95400E-002	8.03220E-001	1.05411E+000	1.46000E-003	4.38300E-002	4.03200E-002	0.00000E+000	1.28100E+002	1.28100E+002	4.14300E-002	0.00000E+000	1.29136E+002
Welders	4.25900E-002	1.95630E-001	2.19990E-001	3.20000E-004	1.08200E-002	1.08200E-002	0.00000E+000	2.34335E+001	2.34335E+001	3.46000E-003	0.00000E+000	2.35201E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	4.32000E-003	8.40800E-002	1.45370E-001	2.40000E-004	3.10000E-004	3.10000E-004	0.00000E+000	2.02558E+001	2.02558E+001	1.33000E-003	0.00000E+000	2.02891E+001
Concrete/Industrial Saws	7.50000E-004	1.45100E-002	2.50800E-002	4.00000E-005	5.00000E-005	5.00000E-005	0.00000E+000	3.49476E+000	3.49476E+000	1.80000E-004	0.00000E+000	3.49939E+000
Cranes	2.32400E-002	3.74750E-001	7.55310E-001	1.42000E-003	2.32000E-003	2.32000E-003	0.00000E+000	1.24642E+002	1.24642E+002	4.03100E-002	0.00000E+000	1.25649E+002
Forklifts	1.57400E-002	3.06200E-001	5.29410E-001	7.00000E-004	1.14000E-003	1.14000E-003	0.00000E+000	6.12055E+001	6.12055E+001	1.98000E-002	0.00000E+000	6.17004E+001
Generator Sets	5.00000E-003	9.73600E-002	1.68340E-001	2.70000E-004	3.60000E-004	3.60000E-004	0.00000E+000	2.34561E+001	2.34561E+001	1.32000E-003	0.00000E+000	2.34891E+001
Graders	5.40000E-004	8.72000E-003	1.75800E-002	3.00000E-005	5.00000E-005	5.00000E-005	0.00000E+000	2.91062E+000	2.91062E+000	9.40000E-004	0.00000E+000	2.93415E+000
Pavers	2.51000E-003	9.01000E-002	1.55060E-001	2.00000E-004	3.40000E-004	3.40000E-004	0.00000E+000	1.79697E+001	1.79697E+001	5.81000E-003	0.00000E+000	1.81150E+001
Paving Equipment	2.18000E-003	7.82100E-002	1.34590E-001	1.80000E-004	2.90000E-004	2.90000E-004	0.00000E+000	1.55323E+001	1.55323E+001	5.02000E-003	0.00000E+000	1.56579E+001
Rollers	2.56000E-003	4.98500E-002	8.61800E-002	1.10000E-004	1.90000E-004	1.90000E-004	0.00000E+000	1.00137E+001	1.00137E+001	3.24000E-003	0.00000E+000	1.00946E+001
Rubber Tired Dozers	8.00000E-004	1.29300E-002	2.60500E-002	5.00000E-005	8.00000E-005	8.00000E-005	0.00000E+000	4.31477E+000	4.31477E+000	1.40000E-003	0.00000E+000	4.34966E+000
Rubber Tired Loaders	5.00000E-005	8.30000E-004	1.68000E-003	0.00000E+000	1.00000E-005	1.00000E-005	0.00000E+000	2.74500E-001	2.74500E-001	9.00000E-005	0.00000E+000	2.76720E-001
Skid Steer Loaders	3.50000E-003	7.98700E-002	1.07850E-001	1.40000E-004	3.26000E-003	3.26000E-003	0.00000E+000	1.24801E+001	1.24801E+001	4.04000E-003	0.00000E+000	1.25810E+001
Tractors/Loaders/Backhoes	3.26300E-002	6.34850E-001	1.09764E+000	1.46000E-003	2.37000E-003	2.37000E-003	0.00000E+000	1.28100E+002	1.28100E+002	4.14300E-002	0.00000E+000	1.29136E+002
Welders	5.45000E-003	2.06810E-001	1.86360E-001	3.20000E-004	5.82000E-003	5.82000E-003	0.00000E+000	2.34334E+001	2.34334E+001	3.46000E-003	0.00000E+000	2.35200E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Percent Reduction											
Air Compressors	7.39916E-001	2.65228E-001	-8.18365E-003	0.00000E+000	9.54142E-001	9.54142E-001	0.00000E+000	9.87371E-007	9.87371E-007	0.00000E+000	0.00000E+000	9.85749E-007
Concrete/Industrial Saws	6.72489E-001	1.84831E-001	-5.33389E-002	0.00000E+000	9.46237E-001	9.46237E-001	0.00000E+000	2.86142E-006	2.86142E-006	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	7.56010E-001	6.52929E-001	-5.94322E-001	0.00000E+000	9.47900E-001	9.43373E-001	0.00000E+000	1.20345E-006	1.20345E-006	0.00000E+000	0.00000E+000	1.19380E-006
Forklifts	7.00019E-001	3.66400E-001	-4.78278E-003	0.00000E+000	9.64530E-001	9.61447E-001	0.00000E+000	1.14369E-006	1.14369E-006	0.00000E+000	0.00000E+000	1.13451E-006
Generator Sets	6.98068E-001	3.25575E-001	-9.46807E-002	0.00000E+000	9.55774E-001	9.55774E-001	0.00000E+000	1.27898E-006	1.27898E-006	0.00000E+000	0.00000E+000	1.27719E-006
Graders	7.42857E-001	6.73408E-001	-1.01837E+000	0.00000E+000	9.41860E-001	9.36709E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	3.40813E-006
Pavers	7.73670E-001	2.35339E-001	-2.28101E-001	0.00000E+000	9.40455E-001	9.35361E-001	0.00000E+000	1.11299E-006	1.11299E-006	0.00000E+000	0.00000E+000	1.10406E-006
Paving Equipment	7.48848E-001	1.18959E-001	-2.21990E-001	0.00000E+000	9.34240E-001	9.28571E-001	0.00000E+000	1.28764E-006	1.28764E-006	0.00000E+000	0.00000E+000	6.38655E-007
Rollers	7.04388E-001	4.28063E-001	-5.11038E-002	0.00000E+000	9.65138E-001	9.62151E-001	0.00000E+000	9.98635E-007	9.98635E-007	0.00000E+000	0.00000E+000	1.98125E-006
Rubber Tired Dozers	8.44660E-001	7.58769E-001	-2.40476E-001	0.00000E+000	9.68627E-001	9.65812E-001	0.00000E+000	2.31762E-006	2.31762E-006	0.00000E+000	0.00000E+000	2.29902E-006
Rubber Tired Loaders	7.36842E-001	6.22727E-001	-1.04878E+000	0.00000E+000	8.57143E-001	8.57143E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	3.39623E-001	-1.34034E-001	-1.29083E-001	0.00000E+000	-1.12628E-001	-2.07407E-001	0.00000E+000	8.01276E-007	8.01276E-007	0.00000E+000	0.00000E+000	7.94849E-007
Tractors/Loaders/Backhoes	5.89766E-001	2.09619E-001	-4.12955E-002	0.00000E+000	9.45927E-001	9.41220E-001	0.00000E+000	1.17096E-006	1.17096E-006	0.00000E+000	0.00000E+000	1.16157E-006
Welders	8.72036E-001	-5.71487E-002	1.52871E-001	0.00000E+000	4.62107E-001	4.62107E-001	0.00000E+000	1.28022E-006	1.28022E-006	0.00000E+000	0.00000E+000	1.27551E-006

Fugitive Dust Mitigation

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

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Commercial 2- Architectural coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Architectural coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Commercial 2- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 2- Building Construction	Roads	0.09	0.01	0.04	0.00	0.55	0.52
Commercial 2- Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Commercial 2- Grading	Roads	0.01	0.00	0.00	0.00	0.55	0.53
Commercial 2- Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.60	0.67
Commercial 2- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Commercial 3- Architectural coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Architectural coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Commercial 3- Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Commercial 3- Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.52
Commercial 3- Grading	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Commercial 3- Grading	Roads	0.01	0.00	0.00	0.00	0.55	0.54
Commercial 3- Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.67
Commercial 3- Site Preparation	Roads	0.00	0.00	0.00	0.00	0.55	0.52
Community Facility in MU - Architectural Coatings	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Architectural Coatings	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Community Facility in MU - Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Building Construction	Roads	0.06	0.01	0.03	0.00	0.55	0.53
Community Facility in MU - Grading	Fugitive Dust	0.00	0.00	0.00	0.00	0.63	0.67
Community Facility in MU - Grading	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Community Facility in MU - Landscape	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Landscape	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Community Facility in MU - Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Community Facility in MU - Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.52
Community Facility in MU - Site Preparation	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Community Facility in MU - Site Preparation	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Senior Activity Center Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Senior Activity Center Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

Senior Activity Center Building Construction	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Senior Activity Center Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Senior Activity Center Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.50
Senior Activity Center Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Senior Activity Center Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
Senior Activity Center Site Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Senior Activity Center Site Landscaping	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Swim Club Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Swim Club Central Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Building Construction	Roads	0.06	0.01	0.03	0.00	0.55	0.53
Swim Club Central Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Swim Club Central Grading	Roads	0.00	0.00	0.00	0.00	0.56	0.50
Swim Club Central Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Swim Club Central Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Swim Club Central Site Prep	Fugitive Dust	0.00	0.00	0.00	0.00	0.60	0.67
Swim Club Central Site Prep	Roads	0.00	0.00	0.00	0.00	0.55	0.50

Operational Percent Reduction Summary

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

Operational Mobile Mitigation

Project Setting:

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

Area Mitigation

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

Energy Mitigation Measures

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

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

Water Mitigation Measures

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

Solid Waste Mitigation

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

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail			
Project Characteristic (unit)	**Analyst Input**	**Notes**	**Source**
Project Name	Central Village Non-Residential -LEA 2	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Jul-20	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	--	Central Village Schedule	Proctor Valley EIR Assumptions

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

CalEEMod Input Matrix
Project Characteristics

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

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction					
Phase Name	**Phase Type**	**Start Date**	**End Date**	**Days/Week**	**Total Days**
Community Facility in MU - Site Preparation	Site Preparation	2020/07/01	2020/07/02	5	2
Community Facility in MU - Grading	Grading	2020/07/03	2020/07/05	5	1
Community Facility in MU - Building Construction	Building Construction	2020/07/08	2020/11/01	5	83
Community Facility in MU - Architectural Coatings	Architectural Coating	2020/09/01	2020/09/30	6	22
Community Facility in MU - Landscape	Site Preparation	2020/12/01	2020/12/31	5	23
Community Facility in MU - Paving	Paving	2020/12/01	2020/12/31	5	23
Senior Activity Center Site Landscaping	Site Preparation	2020/12/01	2020/12/02	5	2
Swim Club Central Site Prep	Site Preparation	2020/12/01	2020/12/02	5	2
Senior Activity Center Grading	Grading	2020/12/03	2020/12/05	5	2
Swim Club Central Grading	Grading	2020/12/03	2020/12/05	5	2
Senior Activity Center Building Construction	Building Construction	2020/12/06	2021/03/31	5	83
Swim Club Central Building Construction	Building Construction	2020/12/06	2021/03/31	5	83
Senior Activity Center Architectural Coating	Architectural Coating	2021/02/01	2021/02/28	5	20
Swim Club Architectural Coating	Architectural Coating	2021/02/01	2021/02/28	5	20

CalEEMod Input Sheet
Construction Phase

Senior Activity Center Landscaping	Site Preparation	2021/04/01	2021/04/30	5	22
Swim Club Central Landscaping	Site Preparation	2021/04/01	2021/04/30	5	22
Senior Activity Center Paving	Paving	2021/05/01	2021/05/31	5	21
Commercial 2- Site Preparation	Site Preparation	2023/06/01	2023/06/03	5	2
Commercial 2- Grading	Grading	2023/06/06	2023/06/10	5	4
Commercial 2- Building Construction	Building Construction	2023/06/13	2023/12/01	5	124
Commercial 3- Architectural coating	Architectural Coating	2023/09/01	2023/09/30	6	21
Commercial 3- Site Preparation	Site Preparation	2024/06/01	2024/06/05	5	3
Commercial 3- Grading	Grading	2024/06/06	2024/06/12	5	5
Commercial 3- Building Construction	Building Construction	2024/06/13	2024/12/01	5	122
Commercial 2- Architectural coating	Architectural Coating	2024/10/01	2024/10/31	6	23

CalEEMod Input Sheet
Construction Phase

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

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

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

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

CalEEMod Input Sheet
Construction Phase

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

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

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

Table 11: Architectural Coating										
Phase Name	**Residential Interior VOC (g/L)**	**Residential Interior Area (sqft)**	**Residential Exterior VOC (g/L)**	**Residential Exterior Area (sqft)**	**Non-Residential Interior VOC (g/L)**	**Non-Residential Interior Area (sqft)**	**Non-Residential Exterior VOC (g/L)**	**Non-Residential Exterior Area (sqft)**	**VOC for Parking Lot Paint (g/L)**	**Parking Area (sqft)**
Community Facility in MU - Architectural Coatings	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	84
Senior Activity Center Architectural Coating	N/A	N/A	N/A	N/A	50	11,250	100	3,750	100	96
Swim Club Architectural Coating	N/A	N/A	N/A	N/A	50	2,250	100	750	100	0
Commercial 3- Architectural coating	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	32
Commercial 2- Architectural coating	N/A	N/A	N/A	N/A	50	7,500	100	2,500	100	32

CalEEMod Input Sheet
Construction Mobile

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

Table 13: Vehicle Emissions
default

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

CalEEMod Input Sheet
Construction Mobile

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

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

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

CalEEMod Input Sheet
Construction Mitigation

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

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	61
PM 2.5 (% Reduction)	61
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.1 Date: 8/21/2017 1:37 PM

North Village Residential General Construction - LEA - San Diego County, Annual

North 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	169.00	0.00	3

1.2 Other Project Characteristics

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

1.3 User Entered Comments & Non-Default Data

Construction Phase - Refer to CalEEMod Input Matrix Table 5

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

Trips and VMT - Refer to CalEEMod Input Matrix Table

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

Grading - Refer to CalEEMod Input Matrix Table 7

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

Land Use - Site prep for General North Village

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

Woodstoves - Operational Emissions Modeled Separately

Consumer Products - Operational Emissions Modeled Separately

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	250	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	32.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	310.00	87.00
tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	23.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	220.00	21.00

tblConstructionPhase	NumDays	220.00	22.00
tblConstructionPhase	NumDays	220.00	23.00
tblConstructionPhase	NumDays	220.00	283.00
tblConstructionPhase	NumDays	220.00	21.00
tblConstructionPhase	NumDays	120.00	22.00
tblConstructionPhase	NumDays	120.00	129.00
tblConstructionPhase	NumDays	120.00	129.00
tblConsumerProducts	ROG_EF	2.14E-05	1E-13
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	1E-14
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-12
tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblGrading	AcresOfGrading	64.50	0.00
tblGrading	AcresOfGrading	64.50	0.00
tblLandUse	LotAcreage	0.00	169.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOffRoadEquipment	PhaseName		Site Preparation
tblOffRoadEquipment	PhaseName		Slope Landscaping
tblOffRoadEquipment	PhaseName		Interact Utilities
tblOnRoadDust	HaulingPercentPave	100.00	0.00

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

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.1600	1.7811	1.1706	2.3500e-003	1.8625	0.0752	1.9377	0.3353	0.0692	0.4044	0.0000	207.0270	207.0270	0.0644	0.0000	208.6365
2022	0.1305	1.3562	1.2790	2.8800e-003	4.3416	0.0537	4.3953	1.6025	0.0494	1.6519	0.0000	255.3728	255.3728	0.0759	0.0000	257.2714
2023	0.1516	1.5566	2.1167	3.6400e-003	0.4462	0.0726	0.5188	0.0470	0.0668	0.1138	0.0000	323.9154	323.9154	0.0945	0.0000	326.2781
2024	0.0557	0.5605	0.8140	1.4000e-003	0.1713	0.0256	0.1969	0.0181	0.0236	0.0416	0.0000	124.1747	124.1747	0.0363	0.0000	125.0811
Maximum	**0.1600**	**1.7811**	**2.1167**	**3.6400e-003**	**4.3416**	**0.0752**	**4.3953**	**1.6025**	**0.0692**	**1.6519**	**0.0000**	**323.9154**	**323.9154**	**0.0945**	**0.0000**	**326.2781**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.0400	0.7658	1.3770	2.3500e-003	1.1675	3.7500e-003	1.1713	0.1753	3.7500e-003	0.1790	0.0000	207.0268	207.0268	0.0644	0.0000	208.6363
2022	0.0443	1.0160	1.7383	2.8800e-003	2.2029	4.4800e-003	2.2074	0.6770	4.4700e-003	0.6815	0.0000	255.3726	255.3726	0.0759	0.0000	257.2712
2023	0.0524	1.5350	2.5018	3.6400e-003	0.3165	5.4700e-003	0.3220	0.0341	5.4600e-003	0.0396	0.0000	323.9151	323.9151	0.0945	0.0000	326.2778
2024	0.0200	0.5885	0.9595	1.4000e-003	0.1215	2.1000e-003	0.1236	0.0131	2.1000e-003	0.0152	0.0000	124.1745	124.1745	0.0363	0.0000	125.0810
Maximum	**0.0524**	**1.5350**	**2.5018**	**3.6400e-003**	**2.2029**	**5.4700e-003**	**2.2074**	**0.6770**	**5.4600e-003**	**0.6815**	**0.0000**	**323.9151**	**323.9151**	**0.0945**	**0.0000**	**326.2778**

	ROG	NOx	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	**68.51**	**25.67**	**-22.23**	**0.00**	**44.17**	**93.04**	**45.75**	**55.09**	**92.45**	**58.62**	**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	9-1-2021	11-30-2021	1.3482	0.5564
2	12-1-2021	2-28-2022	1.0693	0.4881
4	6-1-2022	8-31-2022	0.1466	0.1261
5	9-1-2022	11-30-2022	0.1419	0.1220
7	3-1-2023	5-31-2023	0.5282	0.4908
8	6-1-2023	8-31-2023	0.5282	0.4908
9	9-1-2023	11-30-2023	0.5196	0.4828
10	12-1-2023	2-29-2024	0.3753	0.3629
11	3-1-2024	5-31-2024	0.1251	0.1236
12	6-1-2024	8-31-2024	0.1251	0.1236
		Highest	1.3482	0.5564

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	2.3000e-004	9.0000e-005	7.4400e-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	**2.3000e-004**	**9.0000e-005**	**7.4400e-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	2.3000e-004	9.0000e-005	7.4400e-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	**2.3000e-004**	**9.0000e-005**	**7.4400e-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	9/1/2021	9/30/2021	5	22	
2	Grading	Grading	10/1/2021	1/31/2022	5	87	
3	Slope Landscaping	Site Preparation	2/1/2022	7/31/2022	5	129	
4	Interact Utilities	Site Preparation	2/1/2022	7/31/2022	5	129	
5	Interact Paving -1	Paving	7/1/2022	7/31/2022	5	21	
6	Interact Paving -2	Paving	11/1/2022	11/30/2022	5	22	
7	Interact Paving -3	Paving	3/1/2023	3/31/2023	5	23	
8	Interact Paving -6	Paving	3/1/2023	3/31/2024	5	283	
9	Interact Paving -4	Paving	7/1/2023	7/31/2023	5	21	
10	Interact Paving -5	Paving	11/1/2023	11/30/2023	5	22	
11	Interact Paving -7	Paving	7/1/2024	7/31/2024	5	23	
12	Interact Paving -8	Paving	11/1/2024	11/30/2024	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 217.5

Acres of Paving: 0

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

OffRoad Equipment

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

Interact Paving -5	Pavers	2	8.00	130	0.42
Interact Paving -5	Paving Equipment	2	8.00	132	0.36
Interact Paving -5	Rollers	2	8.00	80	0.38
Interact Paving -6	Pavers	2	8.00	130	0.42
Interact Paving -6	Paving Equipment	2	8.00	132	0.36
Interact Paving -6	Rollers	2	8.00	80	0.38
Interact Paving -7	Pavers	2	8.00	130	0.42
Interact Paving -7	Paving Equipment	2	8.00	132	0.36
Interact Paving -7	Rollers	2	8.00	80	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Interact Paving -8	Pavers	2	8.00	130	0.42
Interact Paving -8	Paving Equipment	2	8.00	132	0.36
Interact Paving -8	Rollers	2	8.00	80	0.38
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Utilities	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	10.00	4.00	3,892.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Interact Paving -1	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -2	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -3	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -4	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -5	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -6	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -7	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Interact Paving -8	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0662	0.0000	0.0662	0.0364	0.0000	0.0364	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0182	0.1897	0.1139	2.0000e-004		9.6100e-003	9.6100e-003		8.8400e-003	8.8400e-003	0.0000	17.2316	17.2316	5.5700e-003	0.0000	17.3709
Total	**0.0182**	**0.1897**	**0.1139**	**2.0000e-004**	**0.0662**	**9.6100e-003**	**0.0759**	**0.0364**	**8.8400e-003**	**0.0453**	**0.0000**	**17.2316**	**17.2316**	**5.5700e-003**	**0.0000**	**17.3709**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7200e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**0.0215**	**1.0000e-005**	**0.0215**	**2.2600e-003**	**1.0000e-005**	**2.2700e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0258	0.0000	0.0258	0.0142	0.0000	0.0142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1400e-003	0.0698	0.1275	2.0000e-004		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004	0.0000	17.2315	17.2315	5.5700e-003	0.0000	17.3709
Total	**3.1400e-003**	**0.0698**	**0.1275**	**2.0000e-004**	**0.0258**	**3.2000e-004**	**0.0262**	**0.0142**	**3.2000e-004**	**0.0145**	**0.0000**	**17.2315**	**17.2315**	**5.5700e-003**	**0.0000**	**17.3709**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.5200e-003	1.2100e-003	1.0000e-005	6.1800e-003	1.0000e-005	6.1900e-003	6.7000e-004	1.0000e-005	6.8000e-004	0.0000	1.1503	1.1503	9.0000e-005	0.0000	1.1525
Worker	1.5000e-004	1.1000e-004	1.1000e-003	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.3082	0.3082	1.0000e-005	0.0000	0.3085
Total	**2.9000e-004**	**4.6300e-003**	**2.3100e-003**	**1.0000e-005**	**0.0152**	**1.0000e-005**	**0.0153**	**1.6300e-003**	**1.0000e-005**	**1.6400e-003**	**0.0000**	**1.4586**	**1.4586**	**1.0000e-004**	**0.0000**	**1.4609**

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	tons/yr										MT/yr					
Fugitive Dust					0.3773	0.0000	0.3773	0.1565	0.0000	0.1565	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1383	1.5312	1.0190	2.0500e-003		0.0655	0.0655		0.0603	0.0603	0.0000	179.8334	179.8334	0.0582	0.0000	181.2875
Total	**0.1383**	**1.5312**	**1.0190**	**2.0500e-003**	**0.3773**	**0.0655**	**0.4428**	**0.1565**	**0.0603**	**0.2167**	**0.0000**	**179.8334**	**179.8334**	**0.0582**	**0.0000**	**181.2875**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6800e-003	0.0411	0.0235	3.0000e-005	1.2753	2.0000e-005	1.2753	0.1274	2.0000e-005	0.1274	0.0000	2.7407	2.7407	2.3000e-004	0.0000	2.7464
Vendor	4.1000e-004	0.0136	3.6200e-003	4.0000e-005	0.0261	3.0000e-005	0.0262	2.7700e-003	3.0000e-005	2.8000e-003	0.0000	3.4510	3.4510	2.6000e-004	0.0000	3.4574
Worker	1.1500e-003	8.2000e-004	8.2400e-003	3.0000e-005	0.0960	2.0000e-005	0.0960	0.0100	2.0000e-005	0.0100	0.0000	2.3117	2.3117	7.0000e-005	0.0000	2.3134
Total	**3.2400e-003**	**0.0555**	**0.0354**	**1.0000e-004**	**1.3974**	**7.0000e-005**	**1.3975**	**0.1401**	**7.0000e-005**	**0.1402**	**0.0000**	**8.5034**	**8.5034**	**5.6000e-004**	**0.0000**	**8.5172**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1471	0.0000	0.1471	0.0610	0.0000	0.0610	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0334	0.6359	1.2118	2.0500e-003		3.3500e-003	3.3500e-003		3.3500e-003	3.3500e-003	0.0000	179.8332	179.8332	0.0582	0.0000	181.2873
Total	**0.0334**	**0.6359**	**1.2118**	**2.0500e-003**	**0.1471**	**3.3500e-003**	**0.1505**	**0.0610**	**3.3500e-003**	**0.0644**	**0.0000**	**179.8332**	**179.8332**	**0.0582**	**0.0000**	**181.2873**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6800e-003	0.0411	0.0235	3.0000e-005	0.8928	2.0000e-005	0.8928	0.0892	2.0000e-005	0.0892	0.0000	2.7407	2.7407	2.3000e-004	0.0000	2.7464
Vendor	4.1000e-004	0.0136	3.6200e-003	4.0000e-005	0.0185	3.0000e-005	0.0186	2.0100e-003	3.0000e-005	2.0400e-003	0.0000	3.4510	3.4510	2.6000e-004	0.0000	3.4574
Worker	1.1500e-003	8.2000e-004	8.2400e-003	3.0000e-005	0.0680	2.0000e-005	0.0680	7.2200e-003	2.0000e-005	7.2300e-003	0.0000	2.3117	2.3117	7.0000e-005	0.0000	2.3134
Total	**3.2400e-003**	**0.0555**	**0.0354**	**1.0000e-004**	**0.9793**	**7.0000e-005**	**0.9794**	**0.0984**	**7.0000e-005**	**0.0985**	**0.0000**	**8.5034**	**8.5034**	**5.6000e-004**	**0.0000**	**8.5172**

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					0.3773	0.0000	0.3773	0.1565	0.0000	0.1565	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0381	0.4079	0.3049	6.5000e-004		0.0172	0.0172		0.0158	0.0158	0.0000	57.2613	57.2613	0.0185	0.0000	57.7243
Total	**0.0381**	**0.4079**	**0.3049**	**6.5000e-004**	**0.3773**	**0.0172**	**0.3945**	**0.1565**	**0.0158**	**0.1722**	**0.0000**	**57.2613**	**57.2613**	**0.0185**	**0.0000**	**57.7243**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8000e-004	0.0130	6.6800e-003	1.0000e-005	1.2751	1.0000e-005	1.2751	0.1273	1.0000e-005	0.1273	0.0000	0.8690	0.8690	7.0000e-005	0.0000	0.8707
Vendor	1.2000e-004	4.0800e-003	1.0900e-003	1.0000e-005	8.3100e-003	1.0000e-005	8.3200e-003	8.8000e-004	1.0000e-005	8.9000e-004	0.0000	1.0877	1.0877	8.0000e-005	0.0000	1.0896
Worker	3.5000e-004	2.4000e-004	2.4400e-003	1.0000e-005	0.0306	1.0000e-005	0.0306	3.1900e-003	1.0000e-005	3.1900e-003	0.0000	0.7086	0.7086	2.0000e-005	0.0000	0.7091
Total	**9.5000e-004**	**0.0174**	**0.0102**	**3.0000e-005**	**1.3140**	**3.0000e-005**	**1.3140**	**0.1313**	**3.0000e-005**	**0.1314**	**0.0000**	**2.6653**	**2.6653**	**1.7000e-004**	**0.0000**	**2.6694**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1471	0.0000	0.1471	0.0610	0.0000	0.0610	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.2023	0.3856	6.5000e-004		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	57.2613	57.2613	0.0185	0.0000	57.7243
Total	**0.0106**	**0.2023**	**0.3856**	**6.5000e-004**	**0.1471**	**1.0700e-003**	**0.1482**	**0.0610**	**1.0700e-003**	**0.0621**	**0.0000**	**57.2613**	**57.2613**	**0.0185**	**0.0000**	**57.7243**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.8000e-004	0.0130	6.6800e-003	1.0000e-005	0.8926	1.0000e-005	0.8926	0.0891	1.0000e-005	0.0891	0.0000	0.8690	0.8690	7.0000e-005	0.0000	0.8707
Vendor	1.2000e-004	4.0800e-003	1.0900e-003	1.0000e-005	5.9000e-003	1.0000e-005	5.9100e-003	6.4000e-004	1.0000e-005	6.5000e-004	0.0000	1.0877	1.0877	8.0000e-005	0.0000	1.0896
Worker	3.5000e-004	2.4000e-004	2.4400e-003	1.0000e-005	0.0216	1.0000e-005	0.0216	2.3000e-003	1.0000e-005	2.3000e-003	0.0000	0.7086	0.7086	2.0000e-005	0.0000	0.7091
Total	**9.5000e-004**	**0.0174**	**0.0102**	**3.0000e-005**	**0.9201**	**3.0000e-005**	**0.9202**	**0.0920**	**3.0000e-005**	**0.0921**	**0.0000**	**2.6653**	**2.6653**	**1.7000e-004**	**0.0000**	**2.6694**

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	tons/yr										MT/yr					
Fugitive Dust					1.1653	0.0000	1.1653	0.6405	0.0000	0.6405	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0319	0.3097	0.3087	7.4000e-004		0.0121	0.0121		0.0111	0.0111	0.0000	64.6971	64.6971	0.0209	0.0000	65.2202
Total	**0.0319**	**0.3097**	**0.3087**	**7.4000e-004**	**1.1653**	**0.0121**	**1.1774**	**0.6405**	**0.0111**	**0.6517**	**0.0000**	**64.6971**	**64.6971**	**0.0209**	**0.0000**	**65.2202**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.4000e-004	0.0250	6.6900e-003	7.0000e-005	0.0511	5.0000e-005	0.0511	5.4100e-003	5.0000e-005	5.4600e-003	0.0000	6.6813	6.6813	4.8000e-004	0.0000	6.6934
Worker	8.5000e-004	5.8000e-004	5.9800e-003	2.0000e-005	0.0751	1.0000e-005	0.0751	7.8300e-003	1.0000e-005	7.8400e-003	0.0000	1.7411	1.7411	5.0000e-005	0.0000	1.7423
Total	**1.5900e-003**	**0.0256**	**0.0127**	**9.0000e-005**	**0.1261**	**6.0000e-005**	**0.1262**	**0.0132**	**6.0000e-005**	**0.0133**	**0.0000**	**8.4224**	**8.4224**	**5.3000e-004**	**0.0000**	**8.4357**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4545	0.0000	0.4545	0.2498	0.0000	0.2498	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.2541	0.4689	7.4000e-004		1.2100e-003	1.2100e-003		1.2100e-003	1.2100e-003	0.0000	64.6970	64.6970	0.0209	0.0000	65.2201
Total	**0.0108**	**0.2541**	**0.4689**	**7.4000e-004**	**0.4545**	**1.2100e-003**	**0.4557**	**0.2498**	**1.2100e-003**	**0.2510**	**0.0000**	**64.6970**	**64.6970**	**0.0209**	**0.0000**	**65.2201**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.4000e-004	0.0250	6.6900e-003	7.0000e-005	0.0362	5.0000e-005	0.0363	3.9400e-003	5.0000e-005	3.9800e-003	0.0000	6.6813	6.6813	4.8000e-004	0.0000	6.6934
Worker	8.5000e-004	5.8000e-004	5.9800e-003	2.0000e-005	0.0532	1.0000e-005	0.0532	5.6400e-003	1.0000e-005	5.6600e-003	0.0000	1.7411	1.7411	5.0000e-005	0.0000	1.7423
Total	**1.5900e-003**	**0.0256**	**0.0127**	**9.0000e-005**	**0.0894**	**6.0000e-005**	**0.0895**	**9.5800e-003**	**6.0000e-005**	**9.6400e-003**	**0.0000**	**8.4224**	**8.4224**	**5.3000e-004**	**0.0000**	**8.4357**

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	tons/yr										MT/yr					
Fugitive Dust					1.1653	0.0000	1.1653	0.6405	0.0000	0.6405	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0319	0.3097	0.3087	7.4000e-004		0.0121	0.0121		0.0111	0.0111	0.0000	64.6971	64.6971	0.0209	0.0000	65.2202
Total	**0.0319**	**0.3097**	**0.3087**	**7.4000e-004**	**1.1653**	**0.0121**	**1.1774**	**0.6405**	**0.0111**	**0.6517**	**0.0000**	**64.6971**	**64.6971**	**0.0209**	**0.0000**	**65.2202**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.4000e-004	0.0250	6.6900e-003	7.0000e-005	0.0511	5.0000e-005	0.0511	5.4100e-003	5.0000e-005	5.4600e-003	0.0000	6.6813	6.6813	4.8000e-004	0.0000	6.6934
Worker	8.5000e-004	5.8000e-004	5.9800e-003	2.0000e-005	0.0751	1.0000e-005	0.0751	7.8300e-003	1.0000e-005	7.8400e-003	0.0000	1.7411	1.7411	5.0000e-005	0.0000	1.7423
Total	**1.5900e-003**	**0.0256**	**0.0127**	**9.0000e-005**	**0.1261**	**6.0000e-005**	**0.1262**	**0.0132**	**6.0000e-005**	**0.0133**	**0.0000**	**8.4224**	**8.4224**	**5.3000e-004**	**0.0000**	**8.4357**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4545	0.0000	0.4545	0.2498	0.0000	0.2498	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.2541	0.4689	7.4000e-004		1.2100e-003	1.2100e-003		1.2100e-003	1.2100e-003	0.0000	64.6970	64.6970	0.0209	0.0000	65.2201
Total	**0.0108**	**0.2541**	**0.4689**	**7.4000e-004**	**0.4545**	**1.2100e-003**	**0.4557**	**0.2498**	**1.2100e-003**	**0.2510**	**0.0000**	**64.6970**	**64.6970**	**0.0209**	**0.0000**	**65.2201**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.4000e-004	0.0250	6.6900e-003	7.0000e-005	0.0362	5.0000e-005	0.0363	3.9400e-003	5.0000e-005	3.9800e-003	0.0000	6.6813	6.6813	4.8000e-004	0.0000	6.6934
Worker	8.5000e-004	5.8000e-004	5.9800e-003	2.0000e-005	0.0532	1.0000e-005	0.0532	5.6400e-003	1.0000e-005	5.6600e-003	0.0000	1.7411	1.7411	5.0000e-005	0.0000	1.7423
Total	**1.5900e-003**	**0.0256**	**0.0127**	**9.0000e-005**	**0.0894**	**6.0000e-005**	**0.0895**	**9.5800e-003**	**6.0000e-005**	**9.6400e-003**	**0.0000**	**8.4224**	**8.4224**	**5.3000e-004**	**0.0000**	**8.4357**

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	tons/yr										MT/yr					
Off-Road	0.0116	0.1168	0.1531	2.4000e-004		5.9600e-003	5.9600e-003		5.4900e-003	5.4900e-003	0.0000	21.0289	21.0289	6.8000e-003	0.0000	21.1990
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0116**	**0.1168**	**0.1531**	**2.4000e-004**		**5.9600e-003**	**5.9600e-003**		**5.4900e-003**	**5.4900e-003**	**0.0000**	**21.0289**	**21.0289**	**6.8000e-003**	**0.0000**	**21.1990**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-004	0.0102	2.7200e-003	3.0000e-005	0.0208	2.0000e-005	0.0208	2.2000e-003	2.0000e-005	2.2200e-003	0.0000	2.7191	2.7191	2.0000e-004	0.0000	2.7241
Worker	1.4000e-004	9.0000e-005	9.7000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2834	0.2834	1.0000e-005	0.0000	0.2836
Total	**4.4000e-004**	**0.0103**	**3.6900e-003**	**3.0000e-005**	**0.0330**	**2.0000e-005**	**0.0330**	**3.4700e-003**	**2.0000e-005**	**3.5000e-003**	**0.0000**	**3.0026**	**3.0026**	**2.1000e-004**	**0.0000**	**3.0077**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0289	21.0289	6.8000e-003	0.0000	21.1989
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0289**	**21.0289**	**6.8000e-003**	**0.0000**	**21.1989**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-004	0.0102	2.7200e-003	3.0000e-005	0.0148	2.0000e-005	0.0148	1.6000e-003	2.0000e-005	1.6200e-003	0.0000	2.7191	2.7191	2.0000e-004	0.0000	2.7241
Worker	1.4000e-004	9.0000e-005	9.7000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	9.2000e-004	0.0000	9.2000e-004	0.0000	0.2834	0.2834	1.0000e-005	0.0000	0.2836
Total	**4.4000e-004**	**0.0103**	**3.6900e-003**	**3.0000e-005**	**0.0234**	**2.0000e-005**	**0.0234**	**2.5200e-003**	**2.0000e-005**	**2.5400e-003**	**0.0000**	**3.0026**	**3.0026**	**2.1000e-004**	**0.0000**	**3.0077**

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	tons/yr										MT/yr					
Off-Road	0.0121	0.1224	0.1604	2.5000e-004		6.2500e-003	6.2500e-003		5.7500e-003	5.7500e-003	0.0000	22.0303	22.0303	7.1300e-003	0.0000	22.2084
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0121**	**0.1224**	**0.1604**	**2.5000e-004**		**6.2500e-003**	**6.2500e-003**		**5.7500e-003**	**5.7500e-003**	**0.0000**	**22.0303**	**22.0303**	**7.1300e-003**	**0.0000**	**22.2084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0107	2.8500e-003	3.0000e-005	0.0218	2.0000e-005	0.0218	2.3100e-003	2.0000e-005	2.3300e-003	0.0000	2.8486	2.8486	2.1000e-004	0.0000	2.8538
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2969	0.2969	1.0000e-005	0.0000	0.2971
Total	**4.6000e-004**	**0.0108**	**3.8700e-003**	**3.0000e-005**	**0.0346**	**2.0000e-005**	**0.0346**	**3.6500e-003**	**2.0000e-005**	**3.6700e-003**	**0.0000**	**3.1455**	**3.1455**	**2.2000e-004**	**0.0000**	**3.1509**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0303	22.0303	7.1300e-003	0.0000	22.2084
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0303**	**22.0303**	**7.1300e-003**	**0.0000**	**22.2084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0107	2.8500e-003	3.0000e-005	0.0155	2.0000e-005	0.0155	1.6800e-003	2.0000e-005	1.7000e-003	0.0000	2.8486	2.8486	2.1000e-004	0.0000	2.8538
Worker	1.4000e-004	1.0000e-004	1.0200e-003	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2969	0.2969	1.0000e-005	0.0000	0.2971
Total	**4.6000e-004**	**0.0108**	**3.8700e-003**	**3.0000e-005**	**0.0245**	**2.0000e-005**	**0.0245**	**2.6400e-003**	**2.0000e-005**	**2.6600e-003**	**0.0000**	**3.1455**	**3.1455**	**2.2000e-004**	**0.0000**	**3.1509**

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	tons/yr										MT/yr					
Off-Road	0.0119	0.1172	0.1677	2.6000e-004		5.8700e-003	5.8700e-003		5.4000e-003	5.4000e-003	0.0000	23.0309	23.0309	7.4500e-003	0.0000	23.2171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0119**	**0.1172**	**0.1677**	**2.6000e-004**		**5.8700e-003**	**5.8700e-003**		**5.4000e-003**	**5.4000e-003**	**0.0000**	**23.0309**	**23.0309**	**7.4500e-003**	**0.0000**	**23.2171**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.7700e-003	2.7200e-003	3.0000e-005	0.0228	1.0000e-005	0.0228	2.4100e-003	1.0000e-005	2.4200e-003	0.0000	2.9031	2.9031	2.0000e-004	0.0000	2.9081
Worker	1.4000e-004	9.0000e-005	9.9000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2986	0.2986	1.0000e-005	0.0000	0.2988
Total	**4.0000e-004**	**8.8600e-003**	**3.7100e-003**	**3.0000e-005**	**0.0361**	**1.0000e-005**	**0.0362**	**3.8100e-003**	**1.0000e-005**	**3.8200e-003**	**0.0000**	**3.2017**	**3.2017**	**2.1000e-004**	**0.0000**	**3.2068**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0309	23.0309	7.4500e-003	0.0000	23.2171
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8400e-003**	**0.1155**	**0.1989**	**2.6000e-004**		**4.3000e-004**	**4.3000e-004**		**4.3000e-004**	**4.3000e-004**	**0.0000**	**23.0309**	**23.0309**	**7.4500e-003**	**0.0000**	**23.2171**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.7700e-003	2.7200e-003	3.0000e-005	0.0162	1.0000e-005	0.0162	1.7500e-003	1.0000e-005	1.7600e-003	0.0000	2.9031	2.9031	2.0000e-004	0.0000	2.9081
Worker	1.4000e-004	9.0000e-005	9.9000e-004	0.0000	9.4800e-003	0.0000	9.4800e-003	1.0100e-003	0.0000	1.0100e-003	0.0000	0.2986	0.2986	1.0000e-005	0.0000	0.2988
Total	**4.0000e-004**	**8.8600e-003**	**3.7100e-003**	**3.0000e-005**	**0.0256**	**1.0000e-005**	**0.0256**	**2.7600e-003**	**1.0000e-005**	**2.7700e-003**	**0.0000**	**3.2017**	**3.2017**	**2.1000e-004**	**0.0000**	**3.2068**

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	tons/yr										MT/yr					
Off-Road	0.1126	1.1109	1.5897	2.4900e-003		0.0556	0.0556		0.0512	0.0512	0.0000	218.2928	218.2928	0.0706	0.0000	220.0579
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1126**	**1.1109**	**1.5897**	**2.4900e-003**		**0.0556**	**0.0556**		**0.0512**	**0.0512**	**0.0000**	**218.2928**	**218.2928**	**0.0706**	**0.0000**	**220.0579**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4200e-003	0.0831	0.0258	2.8000e-004	0.2157	1.0000e-004	0.2158	0.0229	1.0000e-004	0.0230	0.0000	27.5165	27.5165	1.8700e-003	0.0000	27.5633
Worker	1.3600e-003	9.0000e-004	9.3800e-003	3.0000e-005	0.1268	2.0000e-005	0.1269	0.0132	2.0000e-005	0.0133	0.0000	2.8299	2.8299	7.0000e-005	0.0000	2.8318
Total	**3.7800e-003**	**0.0840**	**0.0351**	**3.1000e-004**	**0.3425**	**1.2000e-004**	**0.3426**	**0.0361**	**1.2000e-004**	**0.0362**	**0.0000**	**30.3464**	**30.3464**	**1.9400e-003**	**0.0000**	**30.3951**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0364	1.0943	1.8852	2.4900e-003		4.0800e-003	4.0800e-003		4.0800e-003	4.0800e-003	0.0000	218.2926	218.2926	0.0706	0.0000	220.0576
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0364**	**1.0943**	**1.8852**	**2.4900e-003**		**4.0800e-003**	**4.0800e-003**		**4.0800e-003**	**4.0800e-003**	**0.0000**	**218.2926**	**218.2926**	**0.0706**	**0.0000**	**220.0576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4200e-003	0.0831	0.0258	2.8000e-004	0.1531	1.0000e-004	0.1532	0.0166	1.0000e-004	0.0167	0.0000	27.5165	27.5165	1.8700e-003	0.0000	27.5633
Worker	1.3600e-003	9.0000e-004	9.3800e-003	3.0000e-005	0.0898	2.0000e-005	0.0899	9.5300e-003	2.0000e-005	9.5600e-003	0.0000	2.8299	2.8299	7.0000e-005	0.0000	2.8318
Total	**3.7800e-003**	**0.0840**	**0.0351**	**3.1000e-004**	**0.2429**	**1.2000e-004**	**0.2431**	**0.0262**	**1.2000e-004**	**0.0263**	**0.0000**	**30.3464**	**30.3464**	**1.9400e-003**	**0.0000**	**30.3951**

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	tons/yr										MT/yr					
Off-Road	0.0321	0.3096	0.4753	7.4000e-004		0.0152	0.0152		0.0140	0.0140	0.0000	65.0862	65.0862	0.0211	0.0000	65.6125
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0321**	**0.3096**	**0.4753**	**7.4000e-004**		**0.0152**	**0.0152**		**0.0140**	**0.0140**	**0.0000**	**65.0862**	**65.0862**	**0.0211**	**0.0000**	**65.6125**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-004	0.0244	7.4400e-003	8.0000e-005	0.0643	3.0000e-005	0.0643	6.8200e-003	3.0000e-005	6.8500e-003	0.0000	8.1523	8.1523	5.5000e-004	0.0000	8.1661
Worker	3.9000e-004	2.5000e-004	2.6100e-003	1.0000e-005	0.0378	1.0000e-005	0.0378	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	0.8106	0.8106	2.0000e-005	0.0000	0.8111
Total	**1.0900e-003**	**0.0247**	**0.0101**	**9.0000e-005**	**0.1021**	**4.0000e-005**	**0.1022**	**0.0108**	**4.0000e-005**	**0.0108**	**0.0000**	**8.9629**	**8.9629**	**5.7000e-004**	**0.0000**	**8.9772**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.3263	0.5621	7.4000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	65.0862	65.0862	0.0211	0.0000	65.6124
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0109**	**0.3263**	**0.5621**	**7.4000e-004**		**1.2200e-003**	**1.2200e-003**		**1.2200e-003**	**1.2200e-003**	**0.0000**	**65.0862**	**65.0862**	**0.0211**	**0.0000**	**65.6124**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-004	0.0244	7.4400e-003	8.0000e-005	0.0457	3.0000e-005	0.0457	4.9600e-003	3.0000e-005	4.9900e-003	0.0000	8.1523	8.1523	5.5000e-004	0.0000	8.1661
Worker	3.9000e-004	2.5000e-004	2.6100e-003	1.0000e-005	0.0268	1.0000e-005	0.0268	2.8400e-003	1.0000e-005	2.8500e-003	0.0000	0.8106	0.8106	2.0000e-005	0.0000	0.8111
Total	**1.0900e-003**	**0.0247**	**0.0101**	**9.0000e-005**	**0.0724**	**4.0000e-005**	**0.0725**	**7.8000e-003**	**4.0000e-005**	**7.8400e-003**	**0.0000**	**8.9629**	**8.9629**	**5.7000e-004**	**0.0000**	**8.9772**

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	tons/yr										MT/yr					
Off-Road	0.0108	0.1070	0.1531	2.4000e-004		5.3600e-003	5.3600e-003		4.9300e-003	4.9300e-003	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0108**	**0.1070**	**0.1531**	**2.4000e-004**		**5.3600e-003**	**5.3600e-003**		**4.9300e-003**	**4.9300e-003**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.0000e-003	2.4800e-003	3.0000e-005	0.0208	1.0000e-005	0.0208	2.2000e-003	1.0000e-005	2.2100e-003	0.0000	2.6507	2.6507	1.8000e-004	0.0000	2.6552
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2726	0.2726	1.0000e-005	0.0000	0.2728
Total	**3.6000e-004**	**8.0900e-003**	**3.3800e-003**	**3.0000e-005**	**0.0330**	**1.0000e-005**	**0.0330**	**3.4700e-003**	**1.0000e-005**	**3.4900e-003**	**0.0000**	**2.9233**	**2.9233**	**1.9000e-004**	**0.0000**	**2.9280**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0282	21.0282	6.8000e-003	0.0000	21.1982
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0282**	**21.0282**	**6.8000e-003**	**0.0000**	**21.1982**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-004	8.0000e-003	2.4800e-003	3.0000e-005	0.0148	1.0000e-005	0.0148	1.6000e-003	1.0000e-005	1.6100e-003	0.0000	2.6507	2.6507	1.8000e-004	0.0000	2.6552
Worker	1.3000e-004	9.0000e-005	9.0000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	9.2000e-004	0.0000	9.2000e-004	0.0000	0.2726	0.2726	1.0000e-005	0.0000	0.2728
Total	**3.6000e-004**	**8.0900e-003**	**3.3800e-003**	**3.0000e-005**	**0.0234**	**1.0000e-005**	**0.0234**	**2.5200e-003**	**1.0000e-005**	**2.5300e-003**	**0.0000**	**2.9233**	**2.9233**	**1.9000e-004**	**0.0000**	**2.9280**

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	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1121**	**0.1604**	**2.5000e-004**		**5.6100e-003**	**5.6100e-003**		**5.1600e-003**	**5.1600e-003**	**0.0000**	**22.0296**	**22.0296**	**7.1200e-003**	**0.0000**	**22.2077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	0.0218	1.0000e-005	0.0218	2.3100e-003	1.0000e-005	2.3200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.8000e-004**	**8.4800e-003**	**3.5500e-003**	**3.0000e-005**	**0.0346**	**1.0000e-005**	**0.0346**	**3.6500e-003**	**1.0000e-005**	**3.6600e-003**	**0.0000**	**3.0625**	**3.0625**	**2.0000e-004**	**0.0000**	**3.0674**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0295**	**22.0295**	**7.1200e-003**	**0.0000**	**22.2077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	0.0155	1.0000e-005	0.0155	1.6800e-003	1.0000e-005	1.6900e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.8000e-004**	**8.4800e-003**	**3.5500e-003**	**3.0000e-005**	**0.0245**	**1.0000e-005**	**0.0245**	**2.6400e-003**	**1.0000e-005**	**2.6500e-003**	**0.0000**	**3.0625**	**3.0625**	**2.0000e-004**	**0.0000**	**3.0674**

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	tons/yr										MT/yr					
Off-Road	0.0114	0.1095	0.1682	2.6000e-004		5.3900e-003	5.3900e-003		4.9600e-003	4.9600e-003	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0114**	**0.1095**	**0.1682**	**2.6000e-004**		**5.3900e-003**	**5.3900e-003**		**4.9600e-003**	**4.9600e-003**	**0.0000**	**23.0305**	**23.0305**	**7.4500e-003**	**0.0000**	**23.2167**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.6400e-003	2.6300e-003	3.0000e-005	0.0228	1.0000e-005	0.0228	2.4100e-003	1.0000e-005	2.4200e-003	0.0000	2.8847	2.8847	1.9000e-004	0.0000	2.8895
Worker	1.4000e-004	9.0000e-005	9.2000e-004	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870
Total	**3.9000e-004**	**8.7300e-003**	**3.5500e-003**	**3.0000e-005**	**0.0361**	**1.0000e-005**	**0.0362**	**3.8100e-003**	**1.0000e-005**	**3.8200e-003**	**0.0000**	**3.1715**	**3.1715**	**2.0000e-004**	**0.0000**	**3.1765**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8400e-003**	**0.1155**	**0.1989**	**2.6000e-004**		**4.3000e-004**	**4.3000e-004**		**4.3000e-004**	**4.3000e-004**	**0.0000**	**23.0305**	**23.0305**	**7.4500e-003**	**0.0000**	**23.2167**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.6400e-003	2.6300e-003	3.0000e-005	0.0162	1.0000e-005	0.0162	1.7500e-003	1.0000e-005	1.7600e-003	0.0000	2.8847	2.8847	1.9000e-004	0.0000	2.8895
Worker	1.4000e-004	9.0000e-005	9.2000e-004	0.0000	9.4800e-003	0.0000	9.4800e-003	1.0100e-003	0.0000	1.0100e-003	0.0000	0.2868	0.2868	1.0000e-005	0.0000	0.2870
Total	**3.9000e-004**	**8.7300e-003**	**3.5500e-003**	**3.0000e-005**	**0.0256**	**1.0000e-005**	**0.0256**	**2.7600e-003**	**1.0000e-005**	**2.7700e-003**	**0.0000**	**3.1715**	**3.1715**	**2.0000e-004**	**0.0000**	**3.1765**

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	tons/yr										MT/yr					
Off-Road	0.0104	0.1000	0.1536	2.4000e-004		4.9200e-003	4.9200e-003		4.5300e-003	4.5300e-003	0.0000	21.0279	21.0279	6.8000e-003	0.0000	21.1979
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0104**	**0.1000**	**0.1536**	**2.4000e-004**		**4.9200e-003**	**4.9200e-003**		**4.5300e-003**	**4.5300e-003**	**0.0000**	**21.0279**	**21.0279**	**6.8000e-003**	**0.0000**	**21.1979**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2000e-004	7.8900e-003	2.4000e-003	3.0000e-005	0.0208	1.0000e-005	0.0208	2.2000e-003	1.0000e-005	2.2100e-003	0.0000	2.6338	2.6338	1.8000e-004	0.0000	2.6383
Worker	1.2000e-004	8.0000e-005	8.4000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2619	0.2619	1.0000e-005	0.0000	0.2620
Total	**3.4000e-004**	**7.9700e-003**	**3.2400e-003**	**3.0000e-005**	**0.0330**	**1.0000e-005**	**0.0330**	**3.4700e-003**	**1.0000e-005**	**3.4900e-003**	**0.0000**	**2.8957**	**2.8957**	**1.9000e-004**	**0.0000**	**2.9003**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0278	21.0278	6.8000e-003	0.0000	21.1979
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0278**	**21.0278**	**6.8000e-003**	**0.0000**	**21.1979**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.2000e-004	7.8900e-003	2.4000e-003	3.0000e-005	0.0148	1.0000e-005	0.0148	1.6000e-003	1.0000e-005	1.6100e-003	0.0000	2.6338	2.6338	1.8000e-004	0.0000	2.6383
Worker	1.2000e-004	8.0000e-005	8.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	9.2000e-004	0.0000	9.2000e-004	0.0000	0.2619	0.2619	1.0000e-005	0.0000	0.2620
Total	**3.4000e-004**	**7.9700e-003**	**3.2400e-003**	**3.0000e-005**	**0.0234**	**1.0000e-005**	**0.0234**	**2.5200e-003**	**1.0000e-005**	**2.5300e-003**	**0.0000**	**2.8957**	**2.8957**	**1.9000e-004**	**0.0000**	**2.9003**

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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 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)	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			0					
Utilities	98		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 2:05 PM

North Village Residential LEA - San Diego County, Annual

North 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	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
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tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
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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)
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tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Building Construction 1 (mo. 2-4)
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tblOffRoadEquipment	PhaseName		P5 Building Construction 1 (mo. 2-4)
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tblOffRoadEquipment	PhaseName		P7 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)

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tblOffRoadEquipment	PhaseName		P2 Building Construction 1 (mo. 2-4)
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tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00

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tblOffRoadEquipment	UsageHours	6.00	8.00
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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	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	Worker

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2025
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	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

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
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tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
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tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
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tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00

tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
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tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
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

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	0.5036	0.4228	0.4962	8.7000e-004	0.1849	0.0206	0.2054	0.0194	0.0196	0.0390	0.0000	75.8354	75.8354	0.0138	0.0000	76.1798
2023	2.2035	0.9459	1.2049	2.1600e-003	0.5802	0.0414	0.6216	0.0609	0.0395	0.1003	0.0000	189.8448	189.8448	0.0357	0.0000	190.7370
2024	1.4507	0.8406	1.1133	1.9900e-003	0.5271	0.0345	0.5616	0.0553	0.0327	0.0879	0.0000	174.8334	174.8334	0.0350	0.0000	175.7095
2025	1.1467	0.1948	0.2823	5.4000e-004	0.1136	6.5300e-003	0.1201	0.0119	6.2400e-003	0.0182	0.0000	47.8704	47.8704	9.5100e-003	0.0000	48.1082
Maximum	**2.2035**	**0.9459**	**1.2049**	**2.1600e-003**	**0.5802**	**0.0414**	**0.6216**	**0.0609**	**0.0395**	**0.1003**	**0.0000**	**189.8448**	**189.8448**	**0.0357**	**0.0000**	**190.7370**

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	0.4760	0.3318	0.5166	8.7000e-004	0.1310	2.6400e-003	0.1337	0.0140	2.6400e-003	0.0167	0.0000	75.8353	75.8353	0.0138	0.0000	76.1798
2023	2.1455	0.7970	1.2816	2.1600e-003	0.4094	5.6500e-003	0.4151	0.0438	5.6400e-003	0.0494	0.0000	189.8446	189.8446	0.0357	0.0000	190.7368
2024	1.4031	0.7416	1.1902	1.9900e-003	0.3717	5.5700e-003	0.3773	0.0398	5.5600e-003	0.0453	0.0000	174.8333	174.8333	0.0350	0.0000	175.7094
2025	1.1367	0.1961	0.3199	5.4000e-004	0.0805	7.3000e-004	0.0813	8.6400e-003	7.3000e-004	9.3700e-003	0.0000	47.8703	47.8703	9.5100e-003	0.0000	48.1081
Maximum	**2.1455**	**0.7970**	**1.2816**	**2.1600e-003**	**0.4094**	**5.6500e-003**	**0.4151**	**0.0438**	**5.6400e-003**	**0.0494**	**0.0000**	**189.8446**	**189.8446**	**0.0357**	**0.0000**	**190.7368**

	ROG	NOx	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	**2.70**	**14.04**	**-6.84**	**0.00**	**29.39**	**85.83**	**33.24**	**27.99**	**85.13**	**50.80**	**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	8-1-2022	10-31-2022	0.1825	0.1372
2	11-1-2022	1-31-2023	0.7745	0.7005
3	2-1-2023	4-30-2023	0.9124	0.8560
4	5-1-2023	7-31-2023	0.5295	0.5123
5	8-1-2023	10-31-2023	0.6154	0.5697
6	11-1-2023	1-31-2024	1.1282	1.0369
7	2-1-2024	4-30-2024	1.0551	1.0117
8	5-1-2024	7-31-2024	0.4508	0.4412
9	8-1-2024	10-31-2024	0.5367	0.5005
10	11-1-2024	1-31-2025	0.2445	0.1896
11	2-1-2025	4-30-2025	1.3219	1.3114
		Highest	1.3219	1.3114

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	8/1/2022	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	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	9.7100e-003	0.0879	0.0923	1.5000e-004		5.1100e-003	5.1100e-003		4.8500e-003	4.8500e-003	0.0000	12.5285	12.5285	2.1700e-003	0.0000	12.5826
Total	**9.7100e-003**	**0.0879**	**0.0923**	**1.5000e-004**	**0.0000**	**5.1100e-003**	**5.1100e-003**	**0.0000**	**4.8500e-003**	**4.8500e-003**	**0.0000**	**12.5285**	**12.5285**	**2.1700e-003**	**0.0000**	**12.5826**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.4600e-003	1.1900e-003	1.0000e-005	9.1000e-003	1.0000e-005	9.1100e-003	9.7000e-004	1.0000e-005	9.7000e-004	0.0000	1.1912	1.1912	9.0000e-005	0.0000	1.1934
Worker	1.5000e-004	1.0000e-004	1.0700e-003	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.3104	0.3104	1.0000e-005	0.0000	0.3106
Total	**2.8000e-004**	**4.5600e-003**	**2.2600e-003**	**1.0000e-005**	**0.0225**	**1.0000e-005**	**0.0225**	**2.3700e-003**	**1.0000e-005**	**2.3700e-003**	**0.0000**	**1.5017**	**1.5017**	**1.0000e-004**	**0.0000**	**1.5040**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.8400e-003	0.0573	0.0940	1.5000e-004		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	12.5284	12.5284	2.1700e-003	0.0000	12.5826
Total	**2.8400e-003**	**0.0573**	**0.0940**	**1.5000e-004**	**0.0000**	**7.1000e-004**	**7.1000e-004**	**0.0000**	**7.1000e-004**	**7.1000e-004**	**0.0000**	**12.5284**	**12.5284**	**2.1700e-003**	**0.0000**	**12.5826**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.4600e-003	1.1900e-003	1.0000e-005	6.4600e-003	1.0000e-005	6.4700e-003	7.0000e-004	1.0000e-005	7.1000e-004	0.0000	1.1912	1.1912	9.0000e-005	0.0000	1.1934
Worker	1.5000e-004	1.0000e-004	1.0700e-003	0.0000	9.4800e-003	0.0000	9.4800e-003	1.0100e-003	0.0000	1.0100e-003	0.0000	0.3104	0.3104	1.0000e-005	0.0000	0.3106
Total	**2.8000e-004**	**4.5600e-003**	**2.2600e-003**	**1.0000e-005**	**0.0159**	**1.0000e-005**	**0.0160**	**1.7100e-003**	**1.0000e-005**	**1.7200e-003**	**0.0000**	**1.5017**	**1.5017**	**1.0000e-004**	**0.0000**	**1.5040**

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	tons/yr										MT/yr					
Off-Road	8.9900e-003	0.1026	0.1471	2.1000e-004		4.6100e-003	4.6100e-003		4.2400e-003	4.2400e-003	0.0000	18.7218	18.7218	6.0600e-003	0.0000	18.8732
Total	**8.9900e-003**	**0.1026**	**0.1471**	**2.1000e-004**		**4.6100e-003**	**4.6100e-003**		**4.2400e-003**	**4.2400e-003**	**0.0000**	**18.7218**	**18.7218**	**6.0600e-003**	**0.0000**	**18.8732**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0126	3.3700e-003	3.0000e-005	0.0257	2.0000e-005	0.0258	2.7300e-003	2.0000e-005	2.7500e-003	0.0000	3.3665	3.3665	2.4000e-004	0.0000	3.3726
Worker	4.3000e-004	2.9000e-004	3.0200e-003	1.0000e-005	0.0378	1.0000e-005	0.0378	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	0.8773	0.8773	2.0000e-005	0.0000	0.8779
Total	**8.0000e-004**	**0.0129**	**6.3900e-003**	**4.0000e-005**	**0.0635**	**3.0000e-005**	**0.0636**	**6.6700e-003**	**3.0000e-005**	**6.7000e-003**	**0.0000**	**4.2438**	**4.2438**	**2.6000e-004**	**0.0000**	**4.2505**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	18.7218	18.7218	6.0600e-003	0.0000	18.8732
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**	**18.7218**	**18.7218**	**6.0600e-003**	**0.0000**	**18.8732**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0126	3.3700e-003	3.0000e-005	0.0183	2.0000e-005	0.0183	1.9800e-003	2.0000e-005	2.0100e-003	0.0000	3.3665	3.3665	2.4000e-004	0.0000	3.3726
Worker	4.3000e-004	2.9000e-004	3.0200e-003	1.0000e-005	0.0268	1.0000e-005	0.0268	2.8400e-003	1.0000e-005	2.8500e-003	0.0000	0.8773	0.8773	2.0000e-005	0.0000	0.8779
Total	**8.0000e-004**	**0.0129**	**6.3900e-003**	**4.0000e-005**	**0.0450**	**3.0000e-005**	**0.0451**	**4.8200e-003**	**3.0000e-005**	**4.8600e-003**	**0.0000**	**4.2438**	**4.2438**	**2.6000e-004**	**0.0000**	**4.2505**

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	tons/yr										MT/yr					
Archit. Coating	0.4587					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0120	0.0826	0.1064	1.7000e-004		4.7900e-003	4.7900e-003		4.7900e-003	4.7900e-003	0.0000	14.9791	14.9791	9.8000e-004	0.0000	15.0035
Total	**0.4707**	**0.0826**	**0.1064**	**1.7000e-004**		**4.7900e-003**	**4.7900e-003**		**4.7900e-003**	**4.7900e-003**	**0.0000**	**14.9791**	**14.9791**	**9.8000e-004**	**0.0000**	**15.0035**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	0.0174	2.0000e-005	0.0174	1.8500e-003	2.0000e-005	1.8600e-003	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	2.9000e-004	2.0000e-004	2.0400e-003	1.0000e-005	0.0256	0.0000	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.5939	0.5939	2.0000e-005	0.0000	0.5943
Total	**5.4000e-004**	**8.7400e-003**	**4.3200e-003**	**3.0000e-005**	**0.0430**	**2.0000e-005**	**0.0430**	**4.5200e-003**	**2.0000e-005**	**4.5300e-003**	**0.0000**	**2.8727**	**2.8727**	**1.9000e-004**	**0.0000**	**2.8773**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4587					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	9.8000e-004	0.0000	15.0035
Total	**0.4619**	**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**	**9.8000e-004**	**0.0000**	**15.0035**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5000e-004	8.5400e-003	2.2800e-003	2.0000e-005	0.0124	2.0000e-005	0.0124	1.3400e-003	2.0000e-005	1.3600e-003	0.0000	2.2789	2.2789	1.7000e-004	0.0000	2.2830
Worker	2.9000e-004	2.0000e-004	2.0400e-003	1.0000e-005	0.0181	0.0000	0.0181	1.9200e-003	0.0000	1.9300e-003	0.0000	0.5939	0.5939	2.0000e-005	0.0000	0.5943
Total	**5.4000e-004**	**8.7400e-003**	**4.3200e-003**	**3.0000e-005**	**0.0305**	**2.0000e-005**	**0.0305**	**3.2600e-003**	**2.0000e-005**	**3.2900e-003**	**0.0000**	**2.8727**	**2.8727**	**1.9000e-004**	**0.0000**	**2.8773**

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	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	9.2900e-003	0.0841	0.0883	1.4000e-004		4.8800e-003	4.8800e-003		4.6400e-003	4.6400e-003	0.0000	11.9837	11.9837	2.0700e-003	0.0000	12.0355
Total	**9.2900e-003**	**0.0841**	**0.0883**	**1.4000e-004**	**0.0000**	**4.8800e-003**	**4.8800e-003**	**0.0000**	**4.6400e-003**	**4.6400e-003**	**0.0000**	**11.9837**	**11.9837**	**2.0700e-003**	**0.0000**	**12.0355**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7100e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	2.2000e-004	1.5000e-004	1.5300e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4457
Total	**3.5000e-004**	**4.4200e-003**	**2.6700e-003**	**1.0000e-005**	**0.0279**	**1.0000e-005**	**0.0279**	**2.9200e-003**	**1.0000e-005**	**2.9400e-003**	**0.0000**	**1.5848**	**1.5848**	**9.0000e-005**	**0.0000**	**1.5872**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7200e-003	0.0548	0.0899	1.4000e-004		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	11.9837	11.9837	2.0700e-003	0.0000	12.0355
Total	**2.7200e-003**	**0.0548**	**0.0899**	**1.4000e-004**	**0.0000**	**6.8000e-004**	**6.8000e-004**	**0.0000**	**6.8000e-004**	**6.8000e-004**	**0.0000**	**11.9837**	**11.9837**	**2.0700e-003**	**0.0000**	**12.0355**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	6.1800e-003	1.0000e-005	6.1900e-003	6.7000e-004	1.0000e-005	6.8000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	2.2000e-004	1.5000e-004	1.5300e-003	0.0000	0.0136	0.0000	0.0136	1.4400e-003	0.0000	1.4500e-003	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4457
Total	**3.5000e-004**	**4.4200e-003**	**2.6700e-003**	**1.0000e-005**	**0.0198**	**1.0000e-005**	**0.0198**	**2.1100e-003**	**1.0000e-005**	**2.1300e-003**	**0.0000**	**1.5848**	**1.5848**	**9.0000e-005**	**0.0000**	**1.5872**

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	tons/yr										MT/yr					
Off-Road	2.6400e-003	0.0306	0.0438	7.0000e-005		1.1000e-003	1.1000e-003		1.0300e-003	1.0300e-003	0.0000	5.8344	5.8344	1.7800e-003	0.0000	5.8788
Total	**2.6400e-003**	**0.0306**	**0.0438**	**7.0000e-005**		**1.1000e-003**	**1.1000e-003**		**1.0300e-003**	**1.0300e-003**	**0.0000**	**5.8344**	**5.8344**	**1.7800e-003**	**0.0000**	**5.8788**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	8.7100e-003	1.0000e-005	8.7100e-003	9.2000e-004	1.0000e-005	9.3000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	2.2000e-004	1.5000e-004	1.5300e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4457
Total	**3.5000e-004**	**4.4200e-003**	**2.6700e-003**	**1.0000e-005**	**0.0279**	**1.0000e-005**	**0.0279**	**2.9200e-003**	**1.0000e-005**	**2.9400e-003**	**0.0000**	**1.5848**	**1.5848**	**9.0000e-005**	**0.0000**	**1.5872**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4100e-003	0.0294	0.0460	7.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	5.8344	5.8344	1.7800e-003	0.0000	5.8788
Total	**1.4100e-003**	**0.0294**	**0.0460**	**7.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**5.8344**	**5.8344**	**1.7800e-003**	**0.0000**	**5.8788**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.2700e-003	1.1400e-003	1.0000e-005	6.1800e-003	1.0000e-005	6.1900e-003	6.7000e-004	1.0000e-005	6.8000e-004	0.0000	1.1394	1.1394	8.0000e-005	0.0000	1.1415
Worker	2.2000e-004	1.5000e-004	1.5300e-003	0.0000	0.0136	0.0000	0.0136	1.4400e-003	0.0000	1.4500e-003	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4457
Total	**3.5000e-004**	**4.4200e-003**	**2.6700e-003**	**1.0000e-005**	**0.0198**	**1.0000e-005**	**0.0198**	**2.1100e-003**	**1.0000e-005**	**2.1300e-003**	**0.0000**	**1.5848**	**1.5848**	**9.0000e-005**	**0.0000**	**1.5872**

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	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	2.9000e-004	9.9100e-003	3.0700e-003	3.0000e-005	0.0257	1.0000e-005	0.0257	2.7300e-003	1.0000e-005	2.7400e-003	0.0000	3.2818	3.2818	2.2000e-004	0.0000	3.2874
Worker	6.1000e-004	4.0000e-004	4.1900e-003	1.0000e-005	0.0567	1.0000e-005	0.0567	5.9200e-003	1.0000e-005	5.9300e-003	0.0000	1.2657	1.2657	3.0000e-005	0.0000	1.2665
Total	**9.0000e-004**	**0.0103**	**7.2600e-003**	**4.0000e-005**	**0.0825**	**2.0000e-005**	**0.0825**	**8.6500e-003**	**2.0000e-005**	**8.6700e-003**	**0.0000**	**4.5475**	**4.5475**	**2.5000e-004**	**0.0000**	**4.5539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	2.9000e-004	9.9100e-003	3.0700e-003	3.0000e-005	0.0183	1.0000e-005	0.0183	1.9800e-003	1.0000e-005	1.9900e-003	0.0000	3.2818	3.2818	2.2000e-004	0.0000	3.2874
Worker	6.1000e-004	4.0000e-004	4.1900e-003	1.0000e-005	0.0402	1.0000e-005	0.0402	4.2600e-003	1.0000e-005	4.2700e-003	0.0000	1.2657	1.2657	3.0000e-005	0.0000	1.2665
Total	**9.0000e-004**	**0.0103**	**7.2600e-003**	**4.0000e-005**	**0.0584**	**2.0000e-005**	**0.0585**	**6.2400e-003**	**2.0000e-005**	**6.2600e-003**	**0.0000**	**4.5475**	**4.5475**	**2.5000e-004**	**0.0000**	**4.5539**

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	tons/yr										MT/yr					
Archit. Coating	0.6116					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	**0.6226**	**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	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	4.0000e-004	2.7000e-004	2.7700e-003	1.0000e-005	0.0375	1.0000e-005	0.0375	3.9100e-003	1.0000e-005	3.9200e-003	0.0000	0.8373	0.8373	2.0000e-005	0.0000	0.8378
Total	**5.9000e-004**	**6.8300e-003**	**4.8000e-003**	**3.0000e-005**	**0.0546**	**2.0000e-005**	**0.0546**	**5.7100e-003**	**2.0000e-005**	**5.7300e-003**	**0.0000**	**3.0083**	**3.0083**	**1.7000e-004**	**0.0000**	**3.0126**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.6116					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	**0.6147**	**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	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0121	1.0000e-005	0.0121	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	4.0000e-004	2.7000e-004	2.7700e-003	1.0000e-005	0.0266	1.0000e-005	0.0266	2.8200e-003	1.0000e-005	2.8300e-003	0.0000	0.8373	0.8373	2.0000e-005	0.0000	0.8378
Total	**5.9000e-004**	**6.8300e-003**	**4.8000e-003**	**3.0000e-005**	**0.0387**	**2.0000e-005**	**0.0387**	**4.1300e-003**	**2.0000e-005**	**4.1500e-003**	**0.0000**	**3.0083**	**3.0083**	**1.7000e-004**	**0.0000**	**3.0126**

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	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	7.9800e-003	0.0722	0.0801	1.3000e-004		4.0300e-003	4.0300e-003		3.8200e-003	3.8200e-003	0.0000	10.8974	10.8974	1.8500e-003	0.0000	10.9438
Total	**7.9800e-003**	**0.0722**	**0.0801**	**1.3000e-004**	**0.0000**	**4.0300e-003**	**4.0300e-003**	**0.0000**	**3.8200e-003**	**3.8200e-003**	**0.0000**	**10.8974**	**10.8974**	**1.8500e-003**	**0.0000**	**10.9438**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.0500e-003	9.5000e-004	1.0000e-005	7.9100e-003	0.0000	7.9200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	1.0098	1.0098	7.0000e-005	0.0000	1.0115
Worker	1.9000e-004	1.2000e-004	1.2900e-003	0.0000	0.0175	0.0000	0.0175	1.8200e-003	0.0000	1.8200e-003	0.0000	0.3894	0.3894	1.0000e-005	0.0000	0.3897
Total	**2.8000e-004**	**3.1700e-003**	**2.2400e-003**	**1.0000e-005**	**0.0254**	**0.0000**	**0.0254**	**2.6600e-003**	**0.0000**	**2.6600e-003**	**0.0000**	**1.3992**	**1.3992**	**8.0000e-005**	**0.0000**	**1.4012**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.4700e-003	0.0498	0.0817	1.3000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	10.8974	10.8974	1.8500e-003	0.0000	10.9438
Total	**2.4700e-003**	**0.0498**	**0.0817**	**1.3000e-004**	**0.0000**	**6.2000e-004**	**6.2000e-004**	**0.0000**	**6.2000e-004**	**6.2000e-004**	**0.0000**	**10.8974**	**10.8974**	**1.8500e-003**	**0.0000**	**10.9438**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.0500e-003	9.5000e-004	1.0000e-005	5.6200e-003	0.0000	5.6200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	1.0098	1.0098	7.0000e-005	0.0000	1.0115
Worker	1.9000e-004	1.2000e-004	1.2900e-003	0.0000	0.0124	0.0000	0.0124	1.3100e-003	0.0000	1.3200e-003	0.0000	0.3894	0.3894	1.0000e-005	0.0000	0.3897
Total	**2.8000e-004**	**3.1700e-003**	**2.2400e-003**	**1.0000e-005**	**0.0180**	**0.0000**	**0.0180**	**1.9200e-003**	**0.0000**	**1.9300e-003**	**0.0000**	**1.3992**	**1.3992**	**8.0000e-005**	**0.0000**	**1.4012**

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	tons/yr										MT/yr					
Off-Road	2.3000e-003	0.0263	0.0398	6.0000e-005		8.9000e-004	8.9000e-004		8.3000e-004	8.3000e-004	0.0000	5.3053	5.3053	1.6200e-003	0.0000	5.3457
Total	**2.3000e-003**	**0.0263**	**0.0398**	**6.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.3000e-004**	**8.3000e-004**	**0.0000**	**5.3053**	**5.3053**	**1.6200e-003**	**0.0000**	**5.3457**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.0500e-003	9.5000e-004	1.0000e-005	7.9100e-003	0.0000	7.9200e-003	8.4000e-004	0.0000	8.4000e-004	0.0000	1.0098	1.0098	7.0000e-005	0.0000	1.0115
Worker	1.9000e-004	1.2000e-004	1.2900e-003	0.0000	0.0175	0.0000	0.0175	1.8200e-003	0.0000	1.8200e-003	0.0000	0.3894	0.3894	1.0000e-005	0.0000	0.3897
Total	**2.8000e-004**	**3.1700e-003**	**2.2400e-003**	**1.0000e-005**	**0.0254**	**0.0000**	**0.0254**	**2.6600e-003**	**0.0000**	**2.6600e-003**	**0.0000**	**1.3992**	**1.3992**	**8.0000e-005**	**0.0000**	**1.4012**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2900e-003	0.0267	0.0418	6.0000e-005		5.3000e-004	5.3000e-004		5.3000e-004	5.3000e-004	0.0000	5.3053	5.3053	1.6200e-003	0.0000	5.3456
Total	**1.2900e-003**	**0.0267**	**0.0418**	**6.0000e-005**		**5.3000e-004**	**5.3000e-004**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**5.3053**	**5.3053**	**1.6200e-003**	**0.0000**	**5.3456**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.0500e-003	9.5000e-004	1.0000e-005	5.6200e-003	0.0000	5.6200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	1.0098	1.0098	7.0000e-005	0.0000	1.0115
Worker	1.9000e-004	1.2000e-004	1.2900e-003	0.0000	0.0124	0.0000	0.0124	1.3100e-003	0.0000	1.3200e-003	0.0000	0.3894	0.3894	1.0000e-005	0.0000	0.3897
Total	**2.8000e-004**	**3.1700e-003**	**2.2400e-003**	**1.0000e-005**	**0.0180**	**0.0000**	**0.0180**	**1.9200e-003**	**0.0000**	**1.9300e-003**	**0.0000**	**1.3992**	**1.3992**	**8.0000e-005**	**0.0000**	**1.4012**

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	tons/yr										MT/yr					
Off-Road	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	**8.4900e-003**	**0.0969**	**0.1491**	**2.2000e-004**		**3.9900e-003**	**3.9900e-003**		**3.6700e-003**	**3.6700e-003**	**0.0000**	**19.0214**	**19.0214**	**6.1500e-003**	**0.0000**	**19.1752**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9000e-004	0.0101	3.1200e-003	3.0000e-005	0.0261	1.0000e-005	0.0261	2.7700e-003	1.0000e-005	2.7800e-003	0.0000	3.3323	3.3323	2.3000e-004	0.0000	3.3379
Worker	6.2000e-004	4.1000e-004	4.2600e-003	1.0000e-005	0.0576	1.0000e-005	0.0576	6.0100e-003	1.0000e-005	6.0200e-003	0.0000	1.2852	1.2852	3.0000e-005	0.0000	1.2860
Total	**9.1000e-004**	**0.0105**	**7.3800e-003**	**4.0000e-005**	**0.0837**	**2.0000e-005**	**0.0837**	**8.7800e-003**	**2.0000e-005**	**8.8000e-003**	**0.0000**	**4.6174**	**4.6174**	**2.6000e-004**	**0.0000**	**4.6239**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	19.0214	19.0214	6.1500e-003	0.0000	19.1752
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**	**19.0214**	**19.0214**	**6.1500e-003**	**0.0000**	**19.1752**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9000e-004	0.0101	3.1200e-003	3.0000e-005	0.0185	1.0000e-005	0.0186	2.0100e-003	1.0000e-005	2.0300e-003	0.0000	3.3323	3.3323	2.3000e-004	0.0000	3.3379
Worker	6.2000e-004	4.1000e-004	4.2600e-003	1.0000e-005	0.0408	1.0000e-005	0.0408	4.3300e-003	1.0000e-005	4.3400e-003	0.0000	1.2852	1.2852	3.0000e-005	0.0000	1.2860
Total	**9.1000e-004**	**0.0105**	**7.3800e-003**	**4.0000e-005**	**0.0593**	**2.0000e-005**	**0.0594**	**6.3400e-003**	**2.0000e-005**	**6.3700e-003**	**0.0000**	**4.6174**	**4.6174**	**2.6000e-004**	**0.0000**	**4.6239**

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	tons/yr										MT/yr					
Archit. Coating	0.7263					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0112	0.0764	0.1063	1.7000e-004		4.1500e-003	4.1500e-003		4.1500e-003	4.1500e-003	0.0000	14.9791	14.9791	9.0000e-004	0.0000	15.0015
Total	**0.7375**	**0.0764**	**0.1063**	**1.7000e-004**		**4.1500e-003**	**4.1500e-003**		**4.1500e-003**	**4.1500e-003**	**0.0000**	**14.9791**	**14.9791**	**9.0000e-004**	**0.0000**	**15.0015**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	6.7100e-003	2.0800e-003	2.0000e-005	0.0174	1.0000e-005	0.0174	1.8500e-003	1.0000e-005	1.8500e-003	0.0000	2.2215	2.2215	1.5000e-004	0.0000	2.2253
Worker	4.1000e-004	2.7000e-004	2.8400e-003	1.0000e-005	0.0384	1.0000e-005	0.0384	4.0100e-003	1.0000e-005	4.0100e-003	0.0000	0.8568	0.8568	2.0000e-005	0.0000	0.8573
Total	**6.1000e-004**	**6.9800e-003**	**4.9200e-003**	**3.0000e-005**	**0.0558**	**2.0000e-005**	**0.0558**	**5.8600e-003**	**2.0000e-005**	**5.8600e-003**	**0.0000**	**3.0783**	**3.0783**	**1.7000e-004**	**0.0000**	**3.0826**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7263					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	9.0000e-004	0.0000	15.0015
Total	**0.7295**	**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**	**9.0000e-004**	**0.0000**	**15.0015**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	6.7100e-003	2.0800e-003	2.0000e-005	0.0124	1.0000e-005	0.0124	1.3400e-003	1.0000e-005	1.3500e-003	0.0000	2.2215	2.2215	1.5000e-004	0.0000	2.2253
Worker	4.1000e-004	2.7000e-004	2.8400e-003	1.0000e-005	0.0272	1.0000e-005	0.0272	2.8900e-003	1.0000e-005	2.8900e-003	0.0000	0.8568	0.8568	2.0000e-005	0.0000	0.8573
Total	**6.1000e-004**	**6.9800e-003**	**4.9200e-003**	**3.0000e-005**	**0.0396**	**2.0000e-005**	**0.0396**	**4.2300e-003**	**2.0000e-005**	**4.2400e-003**	**0.0000**	**3.0783**	**3.0783**	**1.7000e-004**	**0.0000**	**3.0826**

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	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	8.7800e-003	0.0794	0.0881	1.4000e-004		4.4300e-003	4.4300e-003		4.2100e-003	4.2100e-003	0.0000	11.9872	11.9872	2.0400e-003	0.0000	12.0382
Total	**8.7800e-003**	**0.0794**	**0.0881**	**1.4000e-004**	**0.0000**	**4.4300e-003**	**4.4300e-003**	**0.0000**	**4.2100e-003**	**4.2100e-003**	**0.0000**	**11.9872**	**11.9872**	**2.0400e-003**	**0.0000**	**12.0382**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**3.1000e-004**	**3.4900e-003**	**2.4600e-003**	**1.0000e-005**	**0.0279**	**0.0000**	**0.0279**	**2.9200e-003**	**0.0000**	**2.9400e-003**	**0.0000**	**1.5391**	**1.5391**	**9.0000e-005**	**0.0000**	**1.5413**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.7200e-003	0.0548	0.0899	1.4000e-004		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	11.9872	11.9872	2.0400e-003	0.0000	12.0382
Total	**2.7200e-003**	**0.0548**	**0.0899**	**1.4000e-004**	**0.0000**	**6.8000e-004**	**6.8000e-004**	**0.0000**	**6.8000e-004**	**6.8000e-004**	**0.0000**	**11.9872**	**11.9872**	**2.0400e-003**	**0.0000**	**12.0382**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.8000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	2.1000e-004	1.4000e-004	1.4200e-003	0.0000	0.0136	0.0000	0.0136	1.4400e-003	0.0000	1.4500e-003	0.0000	0.4284	0.4284	1.0000e-005	0.0000	0.4287
Total	**3.1000e-004**	**3.4900e-003**	**2.4600e-003**	**1.0000e-005**	**0.0198**	**0.0000**	**0.0198**	**2.1100e-003**	**0.0000**	**2.1300e-003**	**0.0000**	**1.5391**	**1.5391**	**9.0000e-005**	**0.0000**	**1.5413**

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	tons/yr										MT/yr					
Off-Road	2.6400e-003	0.0303	0.0458	7.0000e-005		1.0200e-003	1.0200e-003		9.5000e-004	9.5000e-004	0.0000	6.1011	6.1011	1.8600e-003	0.0000	6.1475
Total	**2.6400e-003**	**0.0303**	**0.0458**	**7.0000e-005**		**1.0200e-003**	**1.0200e-003**		**9.5000e-004**	**9.5000e-004**	**0.0000**	**6.1011**	**6.1011**	**1.8600e-003**	**0.0000**	**6.1475**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.5100e-003	1.0900e-003	1.0000e-005	9.1000e-003	0.0000	9.1100e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	1.1613	1.1613	8.0000e-005	0.0000	1.1632
Worker	2.2000e-004	1.4000e-004	1.4800e-003	0.0000	0.0201	0.0000	0.0201	2.0900e-003	0.0000	2.1000e-003	0.0000	0.4479	0.4479	1.0000e-005	0.0000	0.4482
Total	**3.2000e-004**	**3.6500e-003**	**2.5700e-003**	**1.0000e-005**	**0.0292**	**0.0000**	**0.0292**	**3.0600e-003**	**0.0000**	**3.0700e-003**	**0.0000**	**1.6091**	**1.6091**	**9.0000e-005**	**0.0000**	**1.6114**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4800e-003	0.0307	0.0481	7.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	6.1011	6.1011	1.8600e-003	0.0000	6.1475
Total	**1.4800e-003**	**0.0307**	**0.0481**	**7.0000e-005**		**6.1000e-004**	**6.1000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**6.1011**	**6.1011**	**1.8600e-003**	**0.0000**	**6.1475**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.5100e-003	1.0900e-003	1.0000e-005	6.4600e-003	0.0000	6.4700e-003	7.0000e-004	0.0000	7.1000e-004	0.0000	1.1613	1.1613	8.0000e-005	0.0000	1.1632
Worker	2.2000e-004	1.4000e-004	1.4800e-003	0.0000	0.0142	0.0000	0.0142	1.5100e-003	0.0000	1.5100e-003	0.0000	0.4479	0.4479	1.0000e-005	0.0000	0.4482
Total	**3.2000e-004**	**3.6500e-003**	**2.5700e-003**	**1.0000e-005**	**0.0207**	**0.0000**	**0.0207**	**2.2100e-003**	**0.0000**	**2.2200e-003**	**0.0000**	**1.6091**	**1.6091**	**9.0000e-005**	**0.0000**	**1.6114**

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	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	2.9000e-004	9.9100e-003	3.0700e-003	3.0000e-005	0.0257	1.0000e-005	0.0257	2.7300e-003	1.0000e-005	2.7400e-003	0.0000	3.2818	3.2818	2.2000e-004	0.0000	3.2874
Worker	6.1000e-004	4.0000e-004	4.1900e-003	1.0000e-005	0.0567	1.0000e-005	0.0567	5.9200e-003	1.0000e-005	5.9300e-003	0.0000	1.2657	1.2657	3.0000e-005	0.0000	1.2665
Total	**9.0000e-004**	**0.0103**	**7.2600e-003**	**4.0000e-005**	**0.0825**	**2.0000e-005**	**0.0825**	**8.6500e-003**	**2.0000e-005**	**8.6700e-003**	**0.0000**	**4.5475**	**4.5475**	**2.5000e-004**	**0.0000**	**4.5539**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	2.9000e-004	9.9100e-003	3.0700e-003	3.0000e-005	0.0183	1.0000e-005	0.0183	1.9800e-003	1.0000e-005	1.9900e-003	0.0000	3.2818	3.2818	2.2000e-004	0.0000	3.2874
Worker	6.1000e-004	4.0000e-004	4.1900e-003	1.0000e-005	0.0402	1.0000e-005	0.0402	4.2600e-003	1.0000e-005	4.2700e-003	0.0000	1.2657	1.2657	3.0000e-005	0.0000	1.2665
Total	**9.0000e-004**	**0.0103**	**7.2600e-003**	**4.0000e-005**	**0.0584**	**2.0000e-005**	**0.0585**	**6.2400e-003**	**2.0000e-005**	**6.2600e-003**	**0.0000**	**4.5475**	**4.5475**	**2.5000e-004**	**0.0000**	**4.5539**

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	tons/yr										MT/yr					
Archit. Coating	0.7645					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	**0.7755**	**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	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	4.0000e-004	2.7000e-004	2.7700e-003	1.0000e-005	0.0375	1.0000e-005	0.0375	3.9100e-003	1.0000e-005	3.9200e-003	0.0000	0.8373	0.8373	2.0000e-005	0.0000	0.8378
Total	**5.9000e-004**	**6.8300e-003**	**4.8000e-003**	**3.0000e-005**	**0.0546**	**2.0000e-005**	**0.0546**	**5.7100e-003**	**2.0000e-005**	**5.7300e-003**	**0.0000**	**3.0083**	**3.0083**	**1.7000e-004**	**0.0000**	**3.0126**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7645					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	**0.7676**	**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	1.9000e-004	6.5600e-003	2.0300e-003	2.0000e-005	0.0121	1.0000e-005	0.0121	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	2.1710	2.1710	1.5000e-004	0.0000	2.1747
Worker	4.0000e-004	2.7000e-004	2.7700e-003	1.0000e-005	0.0266	1.0000e-005	0.0266	2.8200e-003	1.0000e-005	2.8300e-003	0.0000	0.8373	0.8373	2.0000e-005	0.0000	0.8378
Total	**5.9000e-004**	**6.8300e-003**	**4.8000e-003**	**3.0000e-005**	**0.0387**	**2.0000e-005**	**0.0387**	**4.1300e-003**	**2.0000e-005**	**4.1500e-003**	**0.0000**	**3.0083**	**3.0083**	**1.7000e-004**	**0.0000**	**3.0126**

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	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	0.0124	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**	**5.5700e-003**	**5.8100e-003**	**0.0114**	**6.0000e-004**	**5.4700e-003**	**6.0700e-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	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.9000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	2.0000e-004	1.3000e-004	1.3600e-003	0.0000	0.0183	0.0000	0.0183	1.9100e-003	0.0000	1.9100e-003	0.0000	0.4089	0.4089	1.0000e-005	0.0000	0.4092
Total	**2.9000e-004**	**3.3300e-003**	**2.3500e-003**	**1.0000e-005**	**0.0266**	**0.0000**	**0.0266**	**2.7900e-003**	**0.0000**	**2.8000e-003**	**0.0000**	**1.4692**	**1.4692**	**8.0000e-005**	**0.0000**	**1.4713**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.7300e-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**	**2.1700e-003**	**7.6000e-004**	**2.9300e-003**	**2.3000e-004**	**7.6000e-004**	**9.9000e-004**	**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	9.0000e-005	3.2000e-003	9.9000e-004	1.0000e-005	5.9000e-003	0.0000	5.9000e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	2.0000e-004	1.3000e-004	1.3600e-003	0.0000	0.0130	0.0000	0.0130	1.3800e-003	0.0000	1.3800e-003	0.0000	0.4089	0.4089	1.0000e-005	0.0000	0.4092
Total	**2.9000e-004**	**3.3300e-003**	**2.3500e-003**	**1.0000e-005**	**0.0189**	**0.0000**	**0.0189**	**2.0200e-003**	**0.0000**	**2.0200e-003**	**0.0000**	**1.4692**	**1.4692**	**8.0000e-005**	**0.0000**	**1.4713**

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	tons/yr										MT/yr					
Off-Road	2.4100e-003	0.0276	0.0418	7.0000e-005		9.3000e-004	9.3000e-004		8.7000e-004	8.7000e-004	0.0000	5.5705	5.5705	1.7000e-003	0.0000	5.6129
Total	**2.4100e-003**	**0.0276**	**0.0418**	**7.0000e-005**		**9.3000e-004**	**9.3000e-004**		**8.7000e-004**	**8.7000e-004**	**0.0000**	**5.5705**	**5.5705**	**1.7000e-003**	**0.0000**	**5.6129**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.2000e-003	9.9000e-004	1.0000e-005	8.3100e-003	0.0000	8.3100e-003	8.8000e-004	0.0000	8.9000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	2.0000e-004	1.3000e-004	1.3600e-003	0.0000	0.0183	0.0000	0.0183	1.9100e-003	0.0000	1.9100e-003	0.0000	0.4089	0.4089	1.0000e-005	0.0000	0.4092
Total	**2.9000e-004**	**3.3300e-003**	**2.3500e-003**	**1.0000e-005**	**0.0266**	**0.0000**	**0.0266**	**2.7900e-003**	**0.0000**	**2.8000e-003**	**0.0000**	**1.4692**	**1.4692**	**8.0000e-005**	**0.0000**	**1.4713**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.3500e-003	0.0281	0.0439	7.0000e-005		5.6000e-004	5.6000e-004		5.6000e-004	5.6000e-004	0.0000	5.5705	5.5705	1.7000e-003	0.0000	5.6129
Total	**1.3500e-003**	**0.0281**	**0.0439**	**7.0000e-005**		**5.6000e-004**	**5.6000e-004**		**5.6000e-004**	**5.6000e-004**	**0.0000**	**5.5705**	**5.5705**	**1.7000e-003**	**0.0000**	**5.6129**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.2000e-003	9.9000e-004	1.0000e-005	5.9000e-003	0.0000	5.9000e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	1.0603	1.0603	7.0000e-005	0.0000	1.0621
Worker	2.0000e-004	1.3000e-004	1.3600e-003	0.0000	0.0130	0.0000	0.0130	1.3800e-003	0.0000	1.3800e-003	0.0000	0.4089	0.4089	1.0000e-005	0.0000	0.4092
Total	**2.9000e-004**	**3.3300e-003**	**2.3500e-003**	**1.0000e-005**	**0.0189**	**0.0000**	**0.0189**	**2.0200e-003**	**0.0000**	**2.0200e-003**	**0.0000**	**1.4692**	**1.4692**	**8.0000e-005**	**0.0000**	**1.4713**

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	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	2.8000e-004	9.7700e-003	2.9700e-003	3.0000e-005	0.0257	1.0000e-005	0.0257	2.7300e-003	1.0000e-005	2.7400e-003	0.0000	3.2609	3.2609	2.2000e-004	0.0000	3.2664
Worker	5.8000e-004	3.7000e-004	3.9200e-003	1.0000e-005	0.0567	1.0000e-005	0.0567	5.9200e-003	1.0000e-005	5.9300e-003	0.0000	1.2159	1.2159	3.0000e-005	0.0000	1.2166
Total	**8.6000e-004**	**0.0101**	**6.8900e-003**	**4.0000e-005**	**0.0825**	**2.0000e-005**	**0.0825**	**8.6500e-003**	**2.0000e-005**	**8.6700e-003**	**0.0000**	**4.4768**	**4.4768**	**2.5000e-004**	**0.0000**	**4.4830**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	2.8000e-004	9.7700e-003	2.9700e-003	3.0000e-005	0.0183	1.0000e-005	0.0183	1.9800e-003	1.0000e-005	1.9900e-003	0.0000	3.2609	3.2609	2.2000e-004	0.0000	3.2664
Worker	5.8000e-004	3.7000e-004	3.9200e-003	1.0000e-005	0.0402	1.0000e-005	0.0402	4.2600e-003	1.0000e-005	4.2700e-003	0.0000	1.2159	1.2159	3.0000e-005	0.0000	1.2166
Total	**8.6000e-004**	**0.0101**	**6.8900e-003**	**4.0000e-005**	**0.0584**	**2.0000e-005**	**0.0585**	**6.2400e-003**	**2.0000e-005**	**6.2600e-003**	**0.0000**	**4.4768**	**4.4768**	**2.5000e-004**	**0.0000**	**4.4830**

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	tons/yr										MT/yr					
Archit. Coating	0.7645					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	**0.7748**	**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	1.8000e-004	6.4600e-003	1.9700e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1572	2.1572	1.5000e-004	0.0000	2.1609
Worker	3.8000e-004	2.4000e-004	2.5900e-003	1.0000e-005	0.0375	1.0000e-005	0.0375	3.9100e-003	1.0000e-005	3.9200e-003	0.0000	0.8043	0.8043	2.0000e-005	0.0000	0.8048
Total	**5.6000e-004**	**6.7000e-003**	**4.5600e-003**	**3.0000e-005**	**0.0546**	**2.0000e-005**	**0.0546**	**5.7100e-003**	**2.0000e-005**	**5.7300e-003**	**0.0000**	**2.9616**	**2.9616**	**1.7000e-004**	**0.0000**	**2.9657**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7645					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	**0.7676**	**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	1.8000e-004	6.4600e-003	1.9700e-003	2.0000e-005	0.0121	1.0000e-005	0.0121	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	2.1572	2.1572	1.5000e-004	0.0000	2.1609
Worker	3.8000e-004	2.4000e-004	2.5900e-003	1.0000e-005	0.0266	1.0000e-005	0.0266	2.8200e-003	1.0000e-005	2.8300e-003	0.0000	0.8043	0.8043	2.0000e-005	0.0000	0.8048
Total	**5.6000e-004**	**6.7000e-003**	**4.5600e-003**	**3.0000e-005**	**0.0387**	**2.0000e-005**	**0.0387**	**4.1300e-003**	**2.0000e-005**	**4.1500e-003**	**0.0000**	**2.9616**	**2.9616**	**1.7000e-004**	**0.0000**	**2.9657**

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	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	8.4400e-003	0.0763	0.0881	1.4000e-004		4.1400e-003	4.1400e-003		3.9300e-003	3.9300e-003	0.0000	11.9876	11.9876	2.0300e-003	0.0000	12.0383
Total	**8.4400e-003**	**0.0763**	**0.0881**	**1.4000e-004**	**0.0000**	**4.1400e-003**	**4.1400e-003**	**0.0000**	**3.9300e-003**	**3.9300e-003**	**0.0000**	**11.9876**	**11.9876**	**2.0300e-003**	**0.0000**	**12.0383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3100e-003	1.0100e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	2.0000e-004	1.2000e-004	1.3300e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4115	0.4115	1.0000e-005	0.0000	0.4118
Total	**2.9000e-004**	**3.4300e-003**	**2.3400e-003**	**1.0000e-005**	**0.0279**	**0.0000**	**0.0279**	**2.9200e-003**	**0.0000**	**2.9400e-003**	**0.0000**	**1.5152**	**1.5152**	**8.0000e-005**	**0.0000**	**1.5173**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7200e-003	0.0548	0.0899	1.4000e-004		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	11.9876	11.9876	2.0300e-003	0.0000	12.0383
Total	**2.7200e-003**	**0.0548**	**0.0899**	**1.4000e-004**	**0.0000**	**6.8000e-004**	**6.8000e-004**	**0.0000**	**6.8000e-004**	**6.8000e-004**	**0.0000**	**11.9876**	**11.9876**	**2.0300e-003**	**0.0000**	**12.0383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3100e-003	1.0100e-003	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.8000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	2.0000e-004	1.2000e-004	1.3300e-003	0.0000	0.0136	0.0000	0.0136	1.4400e-003	0.0000	1.4500e-003	0.0000	0.4115	0.4115	1.0000e-005	0.0000	0.4118
Total	**2.9000e-004**	**3.4300e-003**	**2.3400e-003**	**1.0000e-005**	**0.0198**	**0.0000**	**0.0198**	**2.1100e-003**	**0.0000**	**2.1300e-003**	**0.0000**	**1.5152**	**1.5152**	**8.0000e-005**	**0.0000**	**1.5173**

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	tons/yr										MT/yr					
Off-Road	2.4600e-003	0.0280	0.0438	7.0000e-005		9.0000e-004	9.0000e-004		8.4000e-004	8.4000e-004	0.0000	5.8359	5.8359	1.7800e-003	0.0000	5.8804
Total	**2.4600e-003**	**0.0280**	**0.0438**	**7.0000e-005**		**9.0000e-004**	**9.0000e-004**		**8.4000e-004**	**8.4000e-004**	**0.0000**	**5.8359**	**5.8359**	**1.7800e-003**	**0.0000**	**5.8804**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3100e-003	1.0100e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	2.0000e-004	1.2000e-004	1.3300e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4115	0.4115	1.0000e-005	0.0000	0.4118
Total	**2.9000e-004**	**3.4300e-003**	**2.3400e-003**	**1.0000e-005**	**0.0279**	**0.0000**	**0.0279**	**2.9200e-003**	**0.0000**	**2.9400e-003**	**0.0000**	**1.5152**	**1.5152**	**8.0000e-005**	**0.0000**	**1.5173**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4100e-003	0.0294	0.0460	7.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	5.8359	5.8359	1.7800e-003	0.0000	5.8804
Total	**1.4100e-003**	**0.0294**	**0.0460**	**7.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**5.8359**	**5.8359**	**1.7800e-003**	**0.0000**	**5.8804**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3100e-003	1.0100e-003	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.8000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	2.0000e-004	1.2000e-004	1.3300e-003	0.0000	0.0136	0.0000	0.0136	1.4400e-003	0.0000	1.4500e-003	0.0000	0.4115	0.4115	1.0000e-005	0.0000	0.4118
Total	**2.9000e-004**	**3.4300e-003**	**2.3400e-003**	**1.0000e-005**	**0.0198**	**0.0000**	**0.0198**	**2.1100e-003**	**0.0000**	**2.1300e-003**	**0.0000**	**1.5152**	**1.5152**	**8.0000e-005**	**0.0000**	**1.5173**

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	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	2.8000e-004	9.9200e-003	3.0200e-003	3.0000e-005	0.0261	1.0000e-005	0.0261	2.7700e-003	1.0000e-005	2.7800e-003	0.0000	3.3111	3.3111	2.2000e-004	0.0000	3.3167
Worker	5.9000e-004	3.7000e-004	3.9800e-003	1.0000e-005	0.0576	1.0000e-005	0.0576	6.0100e-003	1.0000e-005	6.0200e-003	0.0000	1.2346	1.2346	3.0000e-005	0.0000	1.2353
Total	**8.7000e-004**	**0.0103**	**7.0000e-003**	**4.0000e-005**	**0.0837**	**2.0000e-005**	**0.0837**	**8.7800e-003**	**2.0000e-005**	**8.8000e-003**	**0.0000**	**4.5457**	**4.5457**	**2.5000e-004**	**0.0000**	**4.5520**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	2.8000e-004	9.9200e-003	3.0200e-003	3.0000e-005	0.0185	1.0000e-005	0.0186	2.0100e-003	1.0000e-005	2.0300e-003	0.0000	3.3111	3.3111	2.2000e-004	0.0000	3.3167
Worker	5.9000e-004	3.7000e-004	3.9800e-003	1.0000e-005	0.0408	1.0000e-005	0.0408	4.3300e-003	1.0000e-005	4.3400e-003	0.0000	1.2346	1.2346	3.0000e-005	0.0000	1.2353
Total	**8.7000e-004**	**0.0103**	**7.0000e-003**	**4.0000e-005**	**0.0593**	**2.0000e-005**	**0.0594**	**6.3400e-003**	**2.0000e-005**	**6.3700e-003**	**0.0000**	**4.5457**	**4.5457**	**2.5000e-004**	**0.0000**	**4.5520**

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	tons/yr										MT/yr					
Archit. Coating	0.5988					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	**0.6097**	**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	1.9000e-004	6.7600e-003	2.0600e-003	2.0000e-005	0.0178	1.0000e-005	0.0178	1.8900e-003	1.0000e-005	1.9000e-003	0.0000	2.2576	2.2576	1.5000e-004	0.0000	2.2614
Worker	4.0000e-004	2.6000e-004	2.7100e-003	1.0000e-005	0.0393	1.0000e-005	0.0393	4.1000e-003	1.0000e-005	4.1000e-003	0.0000	0.8417	0.8417	2.0000e-005	0.0000	0.8423
Total	**5.9000e-004**	**7.0200e-003**	**4.7700e-003**	**3.0000e-005**	**0.0571**	**2.0000e-005**	**0.0571**	**5.9900e-003**	**2.0000e-005**	**6.0000e-003**	**0.0000**	**3.0993**	**3.0993**	**1.7000e-004**	**0.0000**	**3.1036**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.5988					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	**0.6021**	**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	1.9000e-004	6.7600e-003	2.0600e-003	2.0000e-005	0.0126	1.0000e-005	0.0127	1.3700e-003	1.0000e-005	1.3800e-003	0.0000	2.2576	2.2576	1.5000e-004	0.0000	2.2614
Worker	4.0000e-004	2.6000e-004	2.7100e-003	1.0000e-005	0.0278	1.0000e-005	0.0278	2.9500e-003	1.0000e-005	2.9600e-003	0.0000	0.8417	0.8417	2.0000e-005	0.0000	0.8423
Total	**5.9000e-004**	**7.0200e-003**	**4.7700e-003**	**3.0000e-005**	**0.0405**	**2.0000e-005**	**0.0405**	**4.3200e-003**	**2.0000e-005**	**4.3400e-003**	**0.0000**	**3.0993**	**3.0993**	**1.7000e-004**	**0.0000**	**3.1036**

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	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	8.4400e-003	0.0763	0.0881	1.4000e-004		4.1400e-003	4.1400e-003		3.9300e-003	3.9300e-003	0.0000	11.9876	11.9876	2.0300e-003	0.0000	12.0383
Total	**8.4400e-003**	**0.0763**	**0.0881**	**1.4000e-004**	**0.0000**	**4.1400e-003**	**4.1400e-003**	**0.0000**	**3.9300e-003**	**3.9300e-003**	**0.0000**	**11.9876**	**11.9876**	**2.0300e-003**	**0.0000**	**12.0383**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3100e-003	1.0100e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	2.0000e-004	1.2000e-004	1.3300e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4115	0.4115	1.0000e-005	0.0000	0.4118
Total	**2.9000e-004**	**3.4300e-003**	**2.3400e-003**	**1.0000e-005**	**0.0279**	**0.0000**	**0.0279**	**2.9200e-003**	**0.0000**	**2.9400e-003**	**0.0000**	**1.5152**	**1.5152**	**8.0000e-005**	**0.0000**	**1.5173**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	2.7200e-003	0.0548	0.0899	1.4000e-004		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	11.9876	11.9876	2.0300e-003	0.0000	12.0383
Total	**2.7200e-003**	**0.0548**	**0.0899**	**1.4000e-004**	**0.0000**	**6.8000e-004**	**6.8000e-004**	**0.0000**	**6.8000e-004**	**6.8000e-004**	**0.0000**	**11.9876**	**11.9876**	**2.0300e-003**	**0.0000**	**12.0383**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3100e-003	1.0100e-003	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.8000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	2.0000e-004	1.2000e-004	1.3300e-003	0.0000	0.0136	0.0000	0.0136	1.4400e-003	0.0000	1.4500e-003	0.0000	0.4115	0.4115	1.0000e-005	0.0000	0.4118
Total	**2.9000e-004**	**3.4300e-003**	**2.3400e-003**	**1.0000e-005**	**0.0198**	**0.0000**	**0.0198**	**2.1100e-003**	**0.0000**	**2.1300e-003**	**0.0000**	**1.5152**	**1.5152**	**8.0000e-005**	**0.0000**	**1.5173**

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	tons/yr										MT/yr					
Off-Road	2.4600e-003	0.0280	0.0438	7.0000e-005		9.0000e-004	9.0000e-004		8.4000e-004	8.4000e-004	0.0000	5.8359	5.8359	1.7800e-003	0.0000	5.8804
Total	**2.4600e-003**	**0.0280**	**0.0438**	**7.0000e-005**		**9.0000e-004**	**9.0000e-004**		**8.4000e-004**	**8.4000e-004**	**0.0000**	**5.8359**	**5.8359**	**1.7800e-003**	**0.0000**	**5.8804**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3100e-003	1.0100e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	2.0000e-004	1.2000e-004	1.3300e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4115	0.4115	1.0000e-005	0.0000	0.4118
Total	**2.9000e-004**	**3.4300e-003**	**2.3400e-003**	**1.0000e-005**	**0.0279**	**0.0000**	**0.0279**	**2.9200e-003**	**0.0000**	**2.9400e-003**	**0.0000**	**1.5152**	**1.5152**	**8.0000e-005**	**0.0000**	**1.5173**

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	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	2.8000e-004	9.7700e-003	2.9700e-003	3.0000e-005	0.0257	1.0000e-005	0.0257	2.7300e-003	1.0000e-005	2.7400e-003	0.0000	3.2609	3.2609	2.2000e-004	0.0000	3.2664
Worker	5.8000e-004	3.7000e-004	3.9200e-003	1.0000e-005	0.0567	1.0000e-005	0.0567	5.9200e-003	1.0000e-005	5.9300e-003	0.0000	1.2159	1.2159	3.0000e-005	0.0000	1.2166
Total	**8.6000e-004**	**0.0101**	**6.8900e-003**	**4.0000e-005**	**0.0825**	**2.0000e-005**	**0.0825**	**8.6500e-003**	**2.0000e-005**	**8.6700e-003**	**0.0000**	**4.4768**	**4.4768**	**2.5000e-004**	**0.0000**	**4.4830**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	2.8000e-004	9.7700e-003	2.9700e-003	3.0000e-005	0.0183	1.0000e-005	0.0183	1.9800e-003	1.0000e-005	1.9900e-003	0.0000	3.2609	3.2609	2.2000e-004	0.0000	3.2664
Worker	5.8000e-004	3.7000e-004	3.9200e-003	1.0000e-005	0.0402	1.0000e-005	0.0402	4.2600e-003	1.0000e-005	4.2700e-003	0.0000	1.2159	1.2159	3.0000e-005	0.0000	1.2166
Total	**8.6000e-004**	**0.0101**	**6.8900e-003**	**4.0000e-005**	**0.0584**	**2.0000e-005**	**0.0585**	**6.2400e-003**	**2.0000e-005**	**6.2600e-003**	**0.0000**	**4.4768**	**4.4768**	**2.5000e-004**	**0.0000**	**4.4830**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4100e-003	0.0294	0.0460	7.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	5.8359	5.8359	1.7800e-003	0.0000	5.8804
Total	**1.4100e-003**	**0.0294**	**0.0460**	**7.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**5.8359**	**5.8359**	**1.7800e-003**	**0.0000**	**5.8804**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3100e-003	1.0100e-003	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.8000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	2.0000e-004	1.2000e-004	1.3300e-003	0.0000	0.0136	0.0000	0.0136	1.4400e-003	0.0000	1.4500e-003	0.0000	0.4115	0.4115	1.0000e-005	0.0000	0.4118
Total	**2.9000e-004**	**3.4300e-003**	**2.3400e-003**	**1.0000e-005**	**0.0198**	**0.0000**	**0.0198**	**2.1100e-003**	**0.0000**	**2.1300e-003**	**0.0000**	**1.5152**	**1.5152**	**8.0000e-005**	**0.0000**	**1.5173**

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	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	0.0123	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**	**5.8300e-003**	**5.6300e-003**	**0.0115**	**6.3000e-004**	**5.2900e-003**	**5.9200e-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	9.0000e-005	3.3100e-003	1.0100e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**2.2000e-004**	**3.3900e-003**	**1.8900e-003**	**1.0000e-005**	**0.0215**	**0.0000**	**0.0215**	**2.2600e-003**	**0.0000**	**2.2700e-003**	**0.0000**	**1.3781**	**1.3781**	**8.0000e-005**	**0.0000**	**1.3801**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	18.3792	18.3792	4.1000e-003	0.0000	18.4816
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**	**18.3792**	**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	9.0000e-005	3.3100e-003	1.0100e-003	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.8000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	1.3000e-004	8.0000e-005	8.8000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2744	0.2744	1.0000e-005	0.0000	0.2745
Total	**2.2000e-004**	**3.3900e-003**	**1.8900e-003**	**1.0000e-005**	**0.0152**	**0.0000**	**0.0153**	**1.6300e-003**	**0.0000**	**1.6400e-003**	**0.0000**	**1.3781**	**1.3781**	**8.0000e-005**	**0.0000**	**1.3801**

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	tons/yr										MT/yr					
Off-Road	2.4600e-003	0.0280	0.0438	7.0000e-005		9.0000e-004	9.0000e-004		8.4000e-004	8.4000e-004	0.0000	5.8359	5.8359	1.7800e-003	0.0000	5.8804
Total	**2.4600e-003**	**0.0280**	**0.0438**	**7.0000e-005**		**9.0000e-004**	**9.0000e-004**		**8.4000e-004**	**8.4000e-004**	**0.0000**	**5.8359**	**5.8359**	**1.7800e-003**	**0.0000**	**5.8804**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3100e-003	1.0100e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	2.0000e-004	1.2000e-004	1.3300e-003	0.0000	0.0192	0.0000	0.0192	2.0000e-003	0.0000	2.0100e-003	0.0000	0.4115	0.4115	1.0000e-005	0.0000	0.4118
Total	**2.9000e-004**	**3.4300e-003**	**2.3400e-003**	**1.0000e-005**	**0.0279**	**0.0000**	**0.0279**	**2.9200e-003**	**0.0000**	**2.9400e-003**	**0.0000**	**1.5152**	**1.5152**	**8.0000e-005**	**0.0000**	**1.5173**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4100e-003	0.0294	0.0460	7.0000e-005		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	5.8359	5.8359	1.7800e-003	0.0000	5.8804
Total	**1.4100e-003**	**0.0294**	**0.0460**	**7.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**5.8359**	**5.8359**	**1.7800e-003**	**0.0000**	**5.8804**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3100e-003	1.0100e-003	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.8000e-004	0.0000	1.1037	1.1037	7.0000e-005	0.0000	1.1056
Worker	2.0000e-004	1.2000e-004	1.3300e-003	0.0000	0.0136	0.0000	0.0136	1.4400e-003	0.0000	1.4500e-003	0.0000	0.4115	0.4115	1.0000e-005	0.0000	0.4118
Total	**2.9000e-004**	**3.4300e-003**	**2.3400e-003**	**1.0000e-005**	**0.0198**	**0.0000**	**0.0198**	**2.1100e-003**	**0.0000**	**2.1300e-003**	**0.0000**	**1.5152**	**1.5152**	**8.0000e-005**	**0.0000**	**1.5173**

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	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	2.7000e-004	9.4800e-003	2.8700e-003	3.0000e-005	0.0253	1.0000e-005	0.0253	2.6900e-003	1.0000e-005	2.7000e-003	0.0000	3.1912	3.1912	2.1000e-004	0.0000	3.1966
Worker	3.6000e-004	2.2000e-004	2.4000e-003	1.0000e-005	0.0372	1.0000e-005	0.0373	3.8800e-003	1.0000e-005	3.8900e-003	0.0000	0.7658	0.7658	2.0000e-005	0.0000	0.7663
Total	**6.3000e-004**	**9.7000e-003**	**5.2700e-003**	**4.0000e-005**	**0.0626**	**2.0000e-005**	**0.0626**	**6.5700e-003**	**2.0000e-005**	**6.5900e-003**	**0.0000**	**3.9571**	**3.9571**	**2.3000e-004**	**0.0000**	**3.9629**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	2.7000e-004	9.4800e-003	2.8700e-003	3.0000e-005	0.0180	1.0000e-005	0.0180	1.9500e-003	1.0000e-005	1.9600e-003	0.0000	3.1912	3.1912	2.1000e-004	0.0000	3.1966
Worker	3.6000e-004	2.2000e-004	2.4000e-003	1.0000e-005	0.0264	1.0000e-005	0.0264	2.8000e-003	1.0000e-005	2.8100e-003	0.0000	0.7658	0.7658	2.0000e-005	0.0000	0.7663
Total	**6.3000e-004**	**9.7000e-003**	**5.2700e-003**	**4.0000e-005**	**0.0444**	**2.0000e-005**	**0.0444**	**4.7500e-003**	**2.0000e-005**	**4.7700e-003**	**0.0000**	**3.9571**	**3.9571**	**2.3000e-004**	**0.0000**	**3.9629**

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	tons/yr										MT/yr					
Archit. Coating	1.1263					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	**1.1361**	**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	1.8000e-004	6.3700e-003	1.9300e-003	2.0000e-005	0.0170	1.0000e-005	0.0170	1.8000e-003	1.0000e-005	1.8100e-003	0.0000	2.1441	2.1441	1.4000e-004	0.0000	2.1477
Worker	1.2000e-004	8.0000e-005	8.1000e-004	0.0000	0.0125	0.0000	0.0125	1.3000e-003	0.0000	1.3100e-003	0.0000	0.2573	0.2573	1.0000e-005	0.0000	0.2574
Total	**3.0000e-004**	**6.4500e-003**	**2.7400e-003**	**2.0000e-005**	**0.0295**	**1.0000e-005**	**0.0295**	**3.1000e-003**	**1.0000e-005**	**3.1200e-003**	**0.0000**	**2.4014**	**2.4014**	**1.5000e-004**	**0.0000**	**2.4051**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1263					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	**1.1295**	**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	1.8000e-004	6.3700e-003	1.9300e-003	2.0000e-005	0.0121	1.0000e-005	0.0121	1.3100e-003	1.0000e-005	1.3200e-003	0.0000	2.1441	2.1441	1.4000e-004	0.0000	2.1477
Worker	1.2000e-004	8.0000e-005	8.1000e-004	0.0000	8.8600e-003	0.0000	8.8600e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.2573	0.2573	1.0000e-005	0.0000	0.2574
Total	**3.0000e-004**	**6.4500e-003**	**2.7400e-003**	**2.0000e-005**	**0.0209**	**1.0000e-005**	**0.0210**	**2.2500e-003**	**1.0000e-005**	**2.2600e-003**	**0.0000**	**2.4014**	**2.4014**	**1.5000e-004**	**0.0000**	**2.4051**

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	tons/yr										MT/yr					
Off-Road	2.0700e-003	0.0258	0.0242	8.0000e-005		6.6000e-004	6.6000e-004		6.0000e-004	6.0000e-004	0.0000	7.0566	7.0566	2.2800e-003	0.0000	7.1136
Total	**2.0700e-003**	**0.0258**	**0.0242**	**8.0000e-005**		**6.6000e-004**	**6.6000e-004**		**6.0000e-004**	**6.0000e-004**	**0.0000**	**7.0566**	**7.0566**	**2.2800e-003**	**0.0000**	**7.1136**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.2600e-003	9.9000e-004	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.0970	1.0970	7.0000e-005	0.0000	1.0988
Worker	1.2000e-004	8.0000e-005	8.2000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2633	0.2633	1.0000e-005	0.0000	0.2634
Total	**2.1000e-004**	**3.3400e-003**	**1.8100e-003**	**1.0000e-005**	**0.0215**	**0.0000**	**0.0215**	**2.2600e-003**	**0.0000**	**2.2700e-003**	**0.0000**	**1.3602**	**1.3602**	**8.0000e-005**	**0.0000**	**1.3622**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.4200e-003	0.0242	0.0466	8.0000e-005		1.3000e-004	1.3000e-004		1.3000e-004	1.3000e-004	0.0000	7.0566	7.0566	2.2800e-003	0.0000	7.1136
Total	**1.4200e-003**	**0.0242**	**0.0466**	**8.0000e-005**		**1.3000e-004**	**1.3000e-004**		**1.3000e-004**	**1.3000e-004**	**0.0000**	**7.0566**	**7.0566**	**2.2800e-003**	**0.0000**	**7.1136**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.2600e-003	9.9000e-004	1.0000e-005	6.1800e-003	0.0000	6.1800e-003	6.7000e-004	0.0000	6.7000e-004	0.0000	1.0970	1.0970	7.0000e-005	0.0000	1.0988
Worker	1.2000e-004	8.0000e-005	8.2000e-004	0.0000	9.0600e-003	0.0000	9.0700e-003	9.6000e-004	0.0000	9.6000e-004	0.0000	0.2633	0.2633	1.0000e-005	0.0000	0.2634
Total	**2.1000e-004**	**3.3400e-003**	**1.8100e-003**	**1.0000e-005**	**0.0152**	**0.0000**	**0.0153**	**1.6300e-003**	**0.0000**	**1.6300e-003**	**0.0000**	**1.3602**	**1.3602**	**8.0000e-005**	**0.0000**	**1.3622**

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 3:05 PM

North 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	0.00	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

Off-road Equipment - Refer to CalEEMod Input Matrix Table

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

Off-road Equipment - Refer to CalEEMod Input Matrix Table

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

Off-road Equipment - -

Off-road Equipment - Refer to CalEEMod Input Matrix Table

Off-road Equipment - -

Off-road Equipment - --

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

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

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

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

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

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
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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	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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

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	0.0979	0.9032	0.9875	1.8000e-003	0.3844	0.0404	0.4248	0.0565	0.0375	0.0940	0.0000	157.8013	157.8013	0.0413	0.0000	158.8333
Maximum	**0.0979**	**0.9032**	**0.9875**	**1.8000e-003**	**0.3844**	**0.0404**	**0.4248**	**0.0565**	**0.0375**	**0.0940**	**0.0000**	**157.8013**	**157.8013**	**0.0413**	**0.0000**	**158.8333**

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	0.0392	0.7087	1.1009	1.8000e-003	0.1686	7.3100e-003	0.1759	0.0249	7.3100e-003	0.0322	0.0000	157.8011	157.8011	0.0413	0.0000	158.8332
Maximum	**0.0392**	**0.7087**	**1.1009**	**1.8000e-003**	**0.1686**	**7.3100e-003**	**0.1759**	**0.0249**	**7.3100e-003**	**0.0322**	**0.0000**	**157.8011**	**157.8011**	**0.0413**	**0.0000**	**158.8332**

	ROG	NOx	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	**59.99**	**21.53**	**-11.48**	**0.00**	**56.15**	**81.89**	**58.60**	**55.85**	**80.52**	**65.70**	**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)
5	**6-1-2023**	**8-31-2023**	0.5973	0.4095
6	**9-1-2023**	**9-30-2023**	0.1582	0.1113
		Highest	0.5973	0.4095

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	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	tons/yr										MT/yr					
Fugitive Dust					5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7600e-003	0.0201	0.0140	3.0000e-005		7.6000e-004	7.6000e-004		7.0000e-004	7.0000e-004	0.0000	2.8385	2.8385	9.2000e-004	0.0000	2.8614
Total	**1.7600e-003**	**0.0201**	**0.0140**	**3.0000e-005**	**5.3000e-004**	**7.6000e-004**	**1.2900e-003**	**6.0000e-005**	**7.0000e-004**	**7.6000e-004**	**0.0000**	**2.8385**	**2.8385**	**9.2000e-004**	**0.0000**	**2.8614**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1010	0.1010	1.0000e-005	0.0000	0.1012
Worker	3.0000e-005	2.0000e-005	2.2000e-004	0.0000	2.9100e-003	0.0000	2.9100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.0649	0.0649	0.0000	0.0000	0.0650
Total	**4.0000e-005**	**3.2000e-004**	**3.1000e-004**	**0.0000**	**3.7000e-003**	**0.0000**	**3.7000e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.1659**	**0.1659**	**1.0000e-005**	**0.0000**	**0.1661**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					2.1000e-004	0.0000	2.1000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-004	0.0107	0.0199	3.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	2.8385	2.8385	9.2000e-004	0.0000	2.8614
Total	**6.0000e-004**	**0.0107**	**0.0199**	**3.0000e-005**	**2.1000e-004**	**5.0000e-005**	**2.6000e-004**	**2.0000e-005**	**5.0000e-005**	**7.0000e-005**	**0.0000**	**2.8385**	**2.8385**	**9.2000e-004**	**0.0000**	**2.8614**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1010	0.1010	1.0000e-005	0.0000	0.1012
Worker	3.0000e-005	2.0000e-005	2.2000e-004	0.0000	1.2900e-003	0.0000	1.2900e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0649	0.0649	0.0000	0.0000	0.0650
Total	**4.0000e-005**	**3.2000e-004**	**3.1000e-004**	**0.0000**	**1.6400e-003**	**0.0000**	**1.6400e-003**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.1659**	**0.1659**	**1.0000e-005**	**0.0000**	**0.1661**

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	tons/yr										MT/yr					
Fugitive Dust					0.0186	0.0000	0.0186	9.9900e-003	0.0000	9.9900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.6600e-003	0.0275	0.0182	4.0000e-005		1.2700e-003	1.2700e-003		1.1600e-003	1.1600e-003	0.0000	3.3451	3.3451	1.0800e-003	0.0000	3.3721
Total	**2.6600e-003**	**0.0275**	**0.0182**	**4.0000e-005**	**0.0186**	**1.2700e-003**	**0.0199**	**9.9900e-003**	**1.1600e-003**	**0.0112**	**0.0000**	**3.3451**	**3.3451**	**1.0800e-003**	**0.0000**	**3.3721**

Unmitigated Construction Off-Site

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

Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	0.0000	7.9000e-004	0.0000	7.9000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.1010	0.1010	1.0000e-005	0.0000	0.1012
Worker	3.0000e-005	2.0000e-005	2.2000e-004	0.0000	2.9100e-003	0.0000	2.9100e-003	3.0000e-004	0.0000	3.0000e-004	0.0000	0.0649	0.0649	0.0000	0.0000	0.0650
Total	**4.0000e-005**	**3.2000e-004**	**3.1000e-004**	**0.0000**	**3.7000e-003**	**0.0000**	**3.7000e-003**	**3.8000e-004**	**0.0000**	**3.8000e-004**	**0.0000**	**0.1659**	**0.1659**	**1.0000e-005**	**0.0000**	**0.1661**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.2500e-003	0.0000	7.2500e-003	3.9000e-003	0.0000	3.9000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.0000e-004	0.0122	0.0230	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.3451	3.3451	1.0800e-003	0.0000	3.3721
Total	**7.0000e-004**	**0.0122**	**0.0230**	**4.0000e-005**	**7.2500e-003**	**6.0000e-005**	**7.3100e-003**	**3.9000e-003**	**6.0000e-005**	**3.9600e-003**	**0.0000**	**3.3451**	**3.3451**	**1.0800e-003**	**0.0000**	**3.3721**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	0.0000	3.5000e-004	0.0000	3.5000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.1010	0.1010	1.0000e-005	0.0000	0.1012
Worker	3.0000e-005	2.0000e-005	2.2000e-004	0.0000	1.2900e-003	0.0000	1.2900e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0649	0.0649	0.0000	0.0000	0.0650

Total	**4.0000e-005**	**3.2000e-004**	**3.1000e-004**	**0.0000**	**1.6400e-003**	**0.0000**	**1.6400e-003**	**1.8000e-004**	**0.0000**	**1.8000e-004**	**0.0000**	**0.1659**	**0.1659**	**1.0000e-005**	**0.0000**	**0.1661**

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	tons/yr										MT/yr					
Fugitive Dust					9.0300e-003	0.0000	9.0300e-003	4.9700e-003	0.0000	4.9700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5700e-003	0.0269	0.0221	4.0000e-005		1.1600e-003	1.1600e-003		1.0700e-003	1.0700e-003	0.0000	3.9091	3.9091	1.2600e-003	0.0000	3.9407
Total	**2.5700e-003**	**0.0269**	**0.0221**	**4.0000e-005**	**9.0300e-003**	**1.1600e-003**	**0.0102**	**4.9700e-003**	**1.0700e-003**	**6.0400e-003**	**0.0000**	**3.9091**	**3.9091**	**1.2600e-003**	**0.0000**	**3.9407**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.4000e-004	0.0000	1.1900e-003	0.0000	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.1515	0.1515	1.0000e-005	0.0000	0.1517
Worker	4.0000e-005	2.0000e-005	2.6000e-004	0.0000	3.4900e-003	0.0000	3.4900e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.0779	0.0779	0.0000	0.0000	0.0779
Total	**5.0000e-005**	**4.8000e-004**	**4.0000e-004**	**0.0000**	**4.6800e-003**	**0.0000**	**4.6800e-003**	**4.9000e-004**	**0.0000**	**4.9000e-004**	**0.0000**	**0.2294**	**0.2294**	**1.0000e-005**	**0.0000**	**0.2297**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.5200e-003	0.0000	3.5200e-003	1.9400e-003	0.0000	1.9400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8000e-004	0.0155	0.0285	4.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	3.9091	3.9091	1.2600e-003	0.0000	3.9407
Total	**7.8000e-004**	**0.0155**	**0.0285**	**4.0000e-005**	**3.5200e-003**	**7.0000e-005**	**3.5900e-003**	**1.9400e-003**	**7.0000e-005**	**2.0100e-003**	**0.0000**	**3.9091**	**3.9091**	**1.2600e-003**	**0.0000**	**3.9407**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.4000e-004	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1515	0.1515	1.0000e-005	0.0000	0.1517
Worker	4.0000e-005	2.0000e-005	2.6000e-004	0.0000	1.5500e-003	0.0000	1.5500e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.0779	0.0779	0.0000	0.0000	0.0779
Total	**5.0000e-005**	**4.8000e-004**	**4.0000e-004**	**0.0000**	**2.0800e-003**	**0.0000**	**2.0800e-003**	**2.3000e-004**	**0.0000**	**2.3000e-004**	**0.0000**	**0.2294**	**0.2294**	**1.0000e-005**	**0.0000**	**0.2297**

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	tons/yr										MT/yr					
Fugitive Dust					9.0300e-003	0.0000	9.0300e-003	4.9700e-003	0.0000	4.9700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5700e-003	0.0269	0.0221	4.0000e-005		1.1600e-003	1.1600e-003		1.0700e-003	1.0700e-003	0.0000	3.9091	3.9091	1.2600e-003	0.0000	3.9407

Total	**2.5700e-003**	**0.0269**	**0.0221**	**4.0000e-005**	**9.0300e-003**	**1.1600e-003**	**0.0102**	**4.9700e-003**	**1.0700e-003**	**6.0400e-003**	**0.0000**	**3.9091**	**3.9091**	**1.2600e-003**	**0.0000**	**3.9407**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.4000e-004	0.0000	1.1900e-003	0.0000	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.1515	0.1515	1.0000e-005	0.0000	0.1517
Worker	4.0000e-005	2.0000e-005	2.6000e-004	0.0000	3.4900e-003	0.0000	3.4900e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.0779	0.0779	0.0000	0.0000	0.0779
Total	**5.0000e-005**	**4.8000e-004**	**4.0000e-004**	**0.0000**	**4.6800e-003**	**0.0000**	**4.6800e-003**	**4.9000e-004**	**0.0000**	**4.9000e-004**	**0.0000**	**0.2294**	**0.2294**	**1.0000e-005**	**0.0000**	**0.2297**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					3.5200e-003	0.0000	3.5200e-003	1.9400e-003	0.0000	1.9400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.8000e-004	0.0155	0.0285	4.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	3.9091	3.9091	1.2600e-003	0.0000	3.9407
Total	**7.8000e-004**	**0.0155**	**0.0285**	**4.0000e-005**	**3.5200e-003**	**7.0000e-005**	**3.5900e-003**	**1.9400e-003**	**7.0000e-005**	**2.0100e-003**	**0.0000**	**3.9091**	**3.9091**	**1.2600e-003**	**0.0000**	**3.9407**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.6000e-004	1.4000e-004	0.0000	5.3000e-004	0.0000	5.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1515	0.1515	1.0000e-005	0.0000	0.1517
Worker	4.0000e-005	2.0000e-005	2.6000e-004	0.0000	1.5500e-003	0.0000	1.5500e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.0779	0.0779	0.0000	0.0000	0.0779
Total	**5.0000e-005**	**4.8000e-004**	**4.0000e-004**	**0.0000**	**2.0800e-003**	**0.0000**	**2.0800e-003**	**2.3000e-004**	**0.0000**	**2.3000e-004**	**0.0000**	**0.2294**	**0.2294**	**1.0000e-005**	**0.0000**	**0.2297**

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	tons/yr										MT/yr					
Off-Road	0.0361	0.3699	0.3606	6.3000e-004		0.0180	0.0180		0.0166	0.0166	0.0000	55.5537	55.5537	0.0180	0.0000	56.0028
Total	**0.0361**	**0.3699**	**0.3606**	**6.3000e-004**		**0.0180**	**0.0180**		**0.0166**	**0.0166**	**0.0000**	**55.5537**	**55.5537**	**0.0180**	**0.0000**	**56.0028**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0128	3.9700e-003	4.0000e-005	0.0332	2.0000e-005	0.0333	3.5300e-003	1.0000e-005	3.5400e-003	0.0000	4.2411	4.2411	2.9000e-004	0.0000	4.2483

Worker	7.9000e-004	5.2000e-004	5.4200e-003	2.0000e-005	0.0733	1.0000e-005	0.0733	7.6500e-003	1.0000e-005	7.6600e-003	0.0000	1.6356	1.6356	4.0000e-005	0.0000	1.6367
Total	**1.1600e-003**	**0.0133**	**9.3900e-003**	**6.0000e-005**	**0.1066**	**3.0000e-005**	**0.1066**	**0.0112**	**2.0000e-005**	**0.0112**	**0.0000**	**5.8767**	**5.8767**	**3.3000e-004**	**0.0000**	**5.8850**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0127	0.2342	0.4233	6.3000e-004		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	55.5536	55.5536	0.0180	0.0000	56.0028
Total	**0.0127**	**0.2342**	**0.4233**	**6.3000e-004**		**1.0300e-003**	**1.0300e-003**		**1.0300e-003**	**1.0300e-003**	**0.0000**	**55.5536**	**55.5536**	**0.0180**	**0.0000**	**56.0028**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0128	3.9700e-003	4.0000e-005	0.0149	2.0000e-005	0.0149	1.6900e-003	1.0000e-005	1.7100e-003	0.0000	4.2411	4.2411	2.9000e-004	0.0000	4.2483
Worker	7.9000e-004	5.2000e-004	5.4200e-003	2.0000e-005	0.0326	1.0000e-005	0.0326	3.5700e-003	1.0000e-005	3.5900e-003	0.0000	1.6356	1.6356	4.0000e-005	0.0000	1.6367
Total	**1.1600e-003**	**0.0133**	**9.3900e-003**	**6.0000e-005**	**0.0474**	**3.0000e-005**	**0.0475**	**5.2600e-003**	**2.0000e-005**	**5.3000e-003**	**0.0000**	**5.8767**	**5.8767**	**3.3000e-004**	**0.0000**	**5.8850**

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	tons/yr										MT/yr					
Off-Road	0.0214	0.1645	0.2123	3.0000e-004		7.9900e-003	7.9900e-003		7.5400e-003	7.5400e-003	0.0000	25.0361	25.0361	6.4000e-003	0.0000	25.1962
Total	**0.0214**	**0.1645**	**0.2123**	**3.0000e-004**		**7.9900e-003**	**7.9900e-003**		**7.5400e-003**	**7.5400e-003**	**0.0000**	**25.0361**	**25.0361**	**6.4000e-003**	**0.0000**	**25.1962**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0128	3.9700e-003	4.0000e-005	0.0332	2.0000e-005	0.0333	3.5300e-003	1.0000e-005	3.5400e-003	0.0000	4.2411	4.2411	2.9000e-004	0.0000	4.2483
Worker	5.2000e-004	3.5000e-004	3.6100e-003	1.0000e-005	0.0489	1.0000e-005	0.0489	5.1000e-003	1.0000e-005	5.1100e-003	0.0000	1.0904	1.0904	3.0000e-005	0.0000	1.0911
Total	**8.9000e-004**	**0.0132**	**7.5800e-003**	**5.0000e-005**	**0.0821**	**3.0000e-005**	**0.0821**	**8.6300e-003**	**2.0000e-005**	**8.6500e-003**	**0.0000**	**5.3315**	**5.3315**	**3.2000e-004**	**0.0000**	**5.3394**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.2100e-003	0.1549	0.2100	3.0000e-004		2.2800e-003	2.2800e-003		2.2800e-003	2.2800e-003	0.0000	25.0361	25.0361	6.4000e-003	0.0000	25.1961

Total	**6.2100e-003**	**0.1549**	**0.2100**	**3.0000e-004**		**2.2800e-003**	**2.2800e-003**		**2.2800e-003**	**2.2800e-003**	**0.0000**	**25.0361**	**25.0361**	**6.4000e-003**	**0.0000**	**25.1961**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0128	3.9700e-003	4.0000e-005	0.0149	2.0000e-005	0.0149	1.6900e-003	1.0000e-005	1.7100e-003	0.0000	4.2411	4.2411	2.9000e-004	0.0000	4.2483
Worker	5.2000e-004	3.5000e-004	3.6100e-003	1.0000e-005	0.0217	1.0000e-005	0.0217	2.3800e-003	1.0000e-005	2.3900e-003	0.0000	1.0904	1.0904	3.0000e-005	0.0000	1.0911
Total	**8.9000e-004**	**0.0132**	**7.5800e-003**	**5.0000e-005**	**0.0366**	**3.0000e-005**	**0.0366**	**4.0700e-003**	**2.0000e-005**	**4.1000e-003**	**0.0000**	**5.3315**	**5.3315**	**3.2000e-004**	**0.0000**	**5.3394**

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	tons/yr										MT/yr					
Archit. Coating	3.6500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9400e-003	0.0200	0.0278	5.0000e-005		1.0900e-003	1.0900e-003		1.0900e-003	1.0900e-003	0.0000	3.9150	3.9150	2.3000e-004	0.0000	3.9208
Total	**6.5900e-003**	**0.0200**	**0.0278**	**5.0000e-005**		**1.0900e-003**	**1.0900e-003**		**1.0900e-003**	**1.0900e-003**	**0.0000**	**3.9150**	**3.9150**	**2.3000e-004**	**0.0000**	**3.9208**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.5100e-003	1.0900e-003	1.0000e-005	9.1000e-003	0.0000	9.1100e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	1.1613	1.1613	8.0000e-005	0.0000	1.1632
Worker	7.0000e-005	5.0000e-005	4.9000e-004	0.0000	6.6900e-003	0.0000	6.6900e-003	7.0000e-004	0.0000	7.0000e-004	0.0000	0.1493	0.1493	0.0000	0.0000	0.1494
Total	**1.7000e-004**	**3.5600e-003**	**1.5800e-003**	**1.0000e-005**	**0.0158**	**0.0000**	**0.0158**	**1.6700e-003**	**0.0000**	**1.6700e-003**	**0.0000**	**1.3105**	**1.3105**	**8.0000e-005**	**0.0000**	**1.3126**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.6500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.4000e-004	0.0163	0.0281	5.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.9150	3.9150	2.3000e-004	0.0000	3.9208
Total	**4.4900e-003**	**0.0163**	**0.0281**	**5.0000e-005**		**6.0000e-005**	**6.0000e-005**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**3.9150**	**3.9150**	**2.3000e-004**	**0.0000**	**3.9208**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.5100e-003	1.0900e-003	1.0000e-005	4.0700e-003	0.0000	4.0800e-003	4.6000e-004	0.0000	4.7000e-004	0.0000	1.1613	1.1613	8.0000e-005	0.0000	1.1632
Worker	7.0000e-005	5.0000e-005	4.9000e-004	0.0000	2.9700e-003	0.0000	2.9700e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.1493	0.1493	0.0000	0.0000	0.1494
Total	**1.7000e-004**	**3.5600e-003**	**1.5800e-003**	**1.0000e-005**	**7.0400e-003**	**0.0000**	**7.0500e-003**	**7.9000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**1.3105**	**1.3105**	**8.0000e-005**	**0.0000**	**1.3126**

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	tons/yr										MT/yr					
Archit. Coating	1.2200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9400e-003	0.0200	0.0278	5.0000e-005		1.0900e-003	1.0900e-003		1.0900e-003	1.0900e-003	0.0000	3.9150	3.9150	2.3000e-004	0.0000	3.9208
Total	**4.1600e-003**	**0.0200**	**0.0278**	**5.0000e-005**		**1.0900e-003**	**1.0900e-003**		**1.0900e-003**	**1.0900e-003**	**0.0000**	**3.9150**	**3.9150**	**2.3000e-004**	**0.0000**	**3.9208**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.5100e-003	1.0900e-003	1.0000e-005	9.1000e-003	0.0000	9.1100e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	1.1613	1.1613	8.0000e-005	0.0000	1.1632
Worker	7.0000e-005	5.0000e-005	4.9000e-004	0.0000	6.6900e-003	0.0000	6.6900e-003	7.0000e-004	0.0000	7.0000e-004	0.0000	0.1493	0.1493	0.0000	0.0000	0.1494
Total	**1.7000e-004**	**3.5600e-003**	**1.5800e-003**	**1.0000e-005**	**0.0158**	**0.0000**	**0.0158**	**1.6700e-003**	**0.0000**	**1.6700e-003**	**0.0000**	**1.3105**	**1.3105**	**8.0000e-005**	**0.0000**	**1.3126**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.2200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.4000e-004	0.0163	0.0281	5.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.9150	3.9150	2.3000e-004	0.0000	3.9208
Total	**2.0600e-003**	**0.0163**	**0.0281**	**5.0000e-005**		**6.0000e-005**	**6.0000e-005**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**3.9150**	**3.9150**	**2.3000e-004**	**0.0000**	**3.9208**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.5100e-003	1.0900e-003	1.0000e-005	4.0700e-003	0.0000	4.0800e-003	4.6000e-004	0.0000	4.7000e-004	0.0000	1.1613	1.1613	8.0000e-005	0.0000	1.1632
Worker	7.0000e-005	5.0000e-005	4.9000e-004	0.0000	2.9700e-003	0.0000	2.9700e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.1493	0.1493	0.0000	0.0000	0.1494
Total	**1.7000e-004**	**3.5600e-003**	**1.5800e-003**	**1.0000e-005**	**7.0400e-003**	**0.0000**	**7.0500e-003**	**7.9000e-004**	**0.0000**	**8.0000e-004**	**0.0000**	**1.3105**	**1.3105**	**8.0000e-005**	**0.0000**	**1.3126**

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	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	1.4300e-003	0.0190	0.0305	5.0000e-005		6.4000e-004	6.4000e-004		5.9000e-004	5.9000e-004	0.0000	4.0013	4.0013	1.2900e-003	0.0000	4.0337
Total	**1.4300e-003**	**0.0190**	**0.0305**	**5.0000e-005**	**0.0000**	**6.4000e-004**	**6.4000e-004**	**0.0000**	**5.9000e-004**	**5.9000e-004**	**0.0000**	**4.0013**	**4.0013**	**1.2900e-003**	**0.0000**	**4.0337**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**0.0215**	**0.0000**	**0.0215**	**2.2600e-003**	**0.0000**	**2.2700e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1200e-003	0.0256	0.0345	5.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003	0.0000	4.0013	4.0013	1.2900e-003	0.0000	4.0337
Total	**1.1200e-003**	**0.0256**	**0.0345**	**5.0000e-005**	**0.0000**	**1.0500e-003**	**1.0500e-003**	**0.0000**	**1.0500e-003**	**1.0500e-003**	**0.0000**	**4.0013**	**4.0013**	**1.2900e-003**	**0.0000**	**4.0337**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**9.5800e-003**	**0.0000**	**9.5900e-003**	**1.0600e-003**	**0.0000**	**1.0800e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

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	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	1.4300e-003	0.0190	0.0305	5.0000e-005		6.4000e-004	6.4000e-004		5.9000e-004	5.9000e-004	0.0000	4.0013	4.0013	1.2900e-003	0.0000	4.0337
Total	**1.4300e-003**	**0.0190**	**0.0305**	**5.0000e-005**	**5.5700e-003**	**6.4000e-004**	**6.2100e-003**	**6.0000e-004**	**5.9000e-004**	**1.1900e-003**	**0.0000**	**4.0013**	**4.0013**	**1.2900e-003**	**0.0000**	**4.0337**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**0.0215**	**0.0000**	**0.0215**	**2.2600e-003**	**0.0000**	**2.2700e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1200e-003	0.0256	0.0345	5.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003	0.0000	4.0013	4.0013	1.2900e-003	0.0000	4.0337
Total	**1.1200e-003**	**0.0256**	**0.0345**	**5.0000e-005**	**2.1700e-003**	**1.0500e-003**	**3.2200e-003**	**2.3000e-004**	**1.0500e-003**	**1.2800e-003**	**0.0000**	**4.0013**	**4.0013**	**1.2900e-003**	**0.0000**	**4.0337**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**9.5800e-003**	**0.0000**	**9.5900e-003**	**1.0600e-003**	**0.0000**	**1.0800e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

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	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	1.4300e-003	0.0190	0.0305	5.0000e-005		6.4000e-004	6.4000e-004		5.9000e-004	5.9000e-004	0.0000	4.0013	4.0013	1.2900e-003	0.0000	4.0337
Total	**1.4300e-003**	**0.0190**	**0.0305**	**5.0000e-005**	**5.5700e-003**	**6.4000e-004**	**6.2100e-003**	**6.0000e-004**	**5.9000e-004**	**1.1900e-003**	**0.0000**	**4.0013**	**4.0013**	**1.2900e-003**	**0.0000**	**4.0337**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	8.7100e-003	0.0000	8.7100e-003	9.2000e-004	0.0000	9.3000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**0.0215**	**0.0000**	**0.0215**	**2.2600e-003**	**0.0000**	**2.2700e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.1200e-003	0.0256	0.0345	5.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003	0.0000	4.0013	4.0013	1.2900e-003	0.0000	4.0337
Total	**1.1200e-003**	**0.0256**	**0.0345**	**5.0000e-005**	**2.1700e-003**	**1.0500e-003**	**3.2200e-003**	**2.3000e-004**	**1.0500e-003**	**1.2800e-003**	**0.0000**	**4.0013**	**4.0013**	**1.2900e-003**	**0.0000**	**4.0337**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.3500e-003	1.0400e-003	1.0000e-005	3.9000e-003	0.0000	3.9000e-003	4.4000e-004	0.0000	4.5000e-004	0.0000	1.1108	1.1108	8.0000e-005	0.0000	1.1127
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**2.4000e-004**	**3.4400e-003**	**1.9900e-003**	**1.0000e-005**	**9.5800e-003**	**0.0000**	**9.5900e-003**	**1.0600e-003**	**0.0000**	**1.0800e-003**	**0.0000**	**1.3964**	**1.3964**	**9.0000e-005**	**0.0000**	**1.3984**

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	tons/yr										MT/yr					
Off-Road	0.0122	0.1164	0.1600	2.5000e-004		5.7900e-003	5.7900e-003		5.3500e-003	5.3500e-003	0.0000	21.5046	21.5046	6.7300e-003	0.0000	21.6729
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0122**	**0.1164**	**0.1600**	**2.5000e-004**		**5.7900e-003**	**5.7900e-003**		**5.3500e-003**	**5.3500e-003**	**0.0000**	**21.5046**	**21.5046**	**6.7300e-003**	**0.0000**	**21.6729**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	0.0218	1.0000e-005	0.0218	2.3100e-003	1.0000e-005	2.3200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	0.0128	0.0000	0.0128	1.3400e-003	0.0000	1.3400e-003	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.8000e-004**	**8.4800e-003**	**3.5500e-003**	**3.0000e-005**	**0.0346**	**1.0000e-005**	**0.0346**	**3.6500e-003**	**1.0000e-005**	**3.6600e-003**	**0.0000**	**3.0625**	**3.0625**	**2.0000e-004**	**0.0000**	**3.0674**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8100e-003	0.1026	0.1768	2.5000e-004		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	21.5046	21.5046	6.7300e-003	0.0000	21.6729
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.8100e-003**	**0.1026**	**0.1768**	**2.5000e-004**		**3.8000e-004**	**3.8000e-004**		**3.8000e-004**	**3.8000e-004**	**0.0000**	**21.5046**	**21.5046**	**6.7300e-003**	**0.0000**	**21.6729**

Mitigated Construction Off-Site

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

Vendor	2.4000e-004	8.3900e-003	2.6000e-003	3.0000e-005	9.7400e-003	1.0000e-005	9.7500e-003	1.1100e-003	1.0000e-005	1.1200e-003	0.0000	2.7769	2.7769	1.9000e-004	0.0000	2.7816
Worker	1.4000e-004	9.0000e-005	9.5000e-004	0.0000	5.6800e-003	0.0000	5.6900e-003	6.2000e-004	0.0000	6.3000e-004	0.0000	0.2856	0.2856	1.0000e-005	0.0000	0.2858
Total	**3.8000e-004**	**8.4800e-003**	**3.5500e-003**	**3.0000e-005**	**0.0154**	**1.0000e-005**	**0.0154**	**1.7300e-003**	**1.0000e-005**	**1.7500e-003**	**0.0000**	**3.0625**	**3.0625**	**2.0000e-004**	**0.0000**	**3.0674**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Residential	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Residential	10.80	7.30	7.50	41.60	18.80	39.60	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Residential	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Landscaping	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
Total	**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**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	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
Total	**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**

7.0 Water Detail

7.1 Mitigation Measures Water

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

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Residential	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
User Defined Residential	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

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 8:21 AM

Off-Site Grading and PVR - LEA

San Diego County, Annual

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	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
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	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
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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

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					
2019	0.2250	2.5972	1.7006	3.3600e-003	3.8915	0.1091	4.0006	1.8914	0.1004	1.9918	0.0000	303.0441	303.0441	0.0911	0.0000	305.3210
2020	0.2610	2.9408	2.4055	4.9600e-003	7.2095	0.1220	7.3315	3.5782	0.1123	3.6905	0.0000	440.9560	440.9560	0.1278	0.0000	444.1517
2021	0.0157	0.1745	0.1922	3.3000e-004	0.2632	8.0900e-003	0.2713	0.1200	7.4500e-003	0.1275	0.0000	29.7661	29.7661	8.4600e-003	0.0000	29.9776
2022	0.4036	0.2278	0.2669	5.2000e-004	0.4722	9.7600e-003	0.4820	0.2143	9.0500e-003	0.2233	0.0000	45.9081	45.9081	0.0123	0.0000	46.2145
Maximum	**0.4036**	**2.9408**	**2.4055**	**4.9600e-003**	**7.2095**	**0.1220**	**7.3315**	**3.5782**	**0.1123**	**3.6905**	**0.0000**	**440.9560**	**440.9560**	**0.1278**	**0.0000**	**444.1517**

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					
2019	0.0538	1.1461	2.0010	3.3600e-003	1.6255	5.6400e-003	1.6311	0.7493	5.6100e-003	0.7549	0.0000	303.0438	303.0438	0.0911	0.0000	305.3207
2020	0.0822	1.9006	3.0525	4.9600e-003	3.0070	0.0178	3.0248	1.4176	0.0177	1.4353	0.0000	440.9555	440.9555	0.1278	0.0000	444.1512
2021	5.4500e-003	0.1479	0.2240	3.3000e-004	0.1157	1.5200e-003	0.1172	0.0483	1.5200e-003	0.0498	0.0000	29.7660	29.7660	8.4600e-003	0.0000	29.9776
2022	0.3899	0.2085	0.3256	5.2000e-004	0.2080	1.6900e-003	0.2097	0.0863	1.6900e-003	0.0880	0.0000	45.9081	45.9081	0.0123	0.0000	46.2144
Maximum	**0.3899**	**1.9006**	**3.0525**	**4.9600e-003**	**3.0070**	**0.0178**	**3.0248**	**1.4176**	**0.0177**	**1.4353**	**0.0000**	**440.9555**	**440.9555**	**0.1278**	**0.0000**	**444.1512**

	ROG	NOx	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	**41.31**	**42.71**	**-22.74**	**0.00**	**58.13**	**89.31**	**58.77**	**60.35**	**88.42**	**61.41**	**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	8-1-2019	10-31-2019	1.9754	0.7087
3	2-1-2020	4-30-2020	0.3565	0.2483
4	5-1-2020	7-31-2020	0.5466	0.3807
5	8-1-2020	10-31-2020	0.6122	0.2317
12	5-1-2022	7-31-2022	0.1421	0.1222
		Highest	1.9754	0.7087

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	0.0393	1.8000e-004	0.0175	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0317	0.0317	6.0000e-005	0.0000	0.0333
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	**0.0393**	**1.8000e-004**	**0.0175**	**0.0000**	**0.0000**	**8.0000e-005**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.0317**	**0.0317**	**6.0000e-005**	**0.0000**	**0.0333**

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	0.0393	1.8000e-004	0.0175	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.0317	0.0317	6.0000e-005	0.0000	0.0333
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	**0.0393**	**1.8000e-004**	**0.0175**	**0.0000**	**0.0000**	**8.0000e-005**	**8.0000e-005**	**0.0000**	**8.0000e-005**	**8.0000e-005**	**0.0000**	**0.0317**	**0.0317**	**6.0000e-005**	**0.0000**	**0.0333**

	ROG	NOx	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	tons/yr										MT/yr					
Fugitive Dust					0.3884	0.0000	0.3884	0.2135	0.0000	0.2135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0243	0.2654	0.2664	4.0000e-004		0.0131	0.0131		0.0121	0.0121	0.0000	36.2933	36.2933	0.0115	0.0000	36.5804
Total	**0.0243**	**0.2654**	**0.2664**	**4.0000e-004**	**0.3884**	**0.0131**	**0.4015**	**0.2135**	**0.0121**	**0.2256**	**0.0000**	**36.2933**	**36.2933**	**0.0115**	**0.0000**	**36.5804**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0108	2.9000e-003	2.0000e-005	0.0170	7.0000e-005	0.0171	1.8000e-003	7.0000e-005	1.8800e-003	0.0000	2.2848	2.2848	1.8000e-004	0.0000	2.2894
Worker	5.1000e-004	3.9000e-004	3.7700e-003	1.0000e-005	0.0375	1.0000e-005	0.0375	3.9100e-003	1.0000e-005	3.9200e-003	0.0000	0.9656	0.9656	3.0000e-005	0.0000	0.9663
Total	**9.1000e-004**	**0.0112**	**6.6700e-003**	**3.0000e-005**	**0.0546**	**8.0000e-005**	**0.0546**	**5.7100e-003**	**8.0000e-005**	**5.8000e-003**	**0.0000**	**3.2504**	**3.2504**	**2.1000e-004**	**0.0000**	**3.2558**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1515	0.0000	0.1515	0.0833	0.0000	0.0833	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9700e-003	0.1779	0.3062	4.0000e-004		6.6000e-004	6.6000e-004		6.6000e-004	6.6000e-004	0.0000	36.2933	36.2933	0.0115	0.0000	36.5804
Total	**4.9700e-003**	**0.1779**	**0.3062**	**4.0000e-004**	**0.1515**	**6.6000e-004**	**0.1522**	**0.0833**	**6.6000e-004**	**0.0839**	**0.0000**	**36.2933**	**36.2933**	**0.0115**	**0.0000**	**36.5804**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0108	2.9000e-003	2.0000e-005	0.0106	7.0000e-005	0.0107	1.1700e-003	7.0000e-005	1.2400e-003	0.0000	2.2848	2.2848	1.8000e-004	0.0000	2.2894
Worker	5.1000e-004	3.9000e-004	3.7700e-003	1.0000e-005	0.0234	1.0000e-005	0.0234	2.5000e-003	1.0000e-005	2.5100e-003	0.0000	0.9656	0.9656	3.0000e-005	0.0000	0.9663
Total	**9.1000e-004**	**0.0112**	**6.6700e-003**	**3.0000e-005**	**0.0340**	**8.0000e-005**	**0.0341**	**3.6700e-003**	**8.0000e-005**	**3.7500e-003**	**0.0000**	**3.2504**	**3.2504**	**2.1000e-004**	**0.0000**	**3.2558**

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	tons/yr										MT/yr					
Fugitive Dust					0.1865	0.0000	0.1865	0.0773	0.0000	0.0773	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1019	1.1722	0.7176	1.3300e-003		0.0512	0.0512		0.0471	0.0471	0.0000	119.7578	119.7578	0.0379	0.0000	120.7051
Total	**0.1019**	**1.1722**	**0.7176**	**1.3300e-003**	**0.1865**	**0.0512**	**0.2377**	**0.0773**	**0.0471**	**0.1245**	**0.0000**	**119.7578**	**119.7578**	**0.0379**	**0.0000**	**120.7051**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9000e-004	0.0227	3.7000e-003	3.0000e-005	0.1432	3.0000e-005	0.1432	0.0143	2.0000e-005	0.0143	0.0000	2.5209	2.5209	4.7000e-004	0.0000	2.5328
Vendor	4.0000e-004	0.0108	2.9000e-003	2.0000e-005	0.0170	7.0000e-005	0.0171	1.8000e-003	7.0000e-005	1.8800e-003	0.0000	2.2848	2.2848	1.8000e-004	0.0000	2.2894
Worker	8.5000e-004	6.5000e-004	6.2900e-003	2.0000e-005	0.0626	1.0000e-005	0.0626	6.5200e-003	1.0000e-005	6.5300e-003	0.0000	1.6093	1.6093	5.0000e-005	0.0000	1.6106
Total	**1.7400e-003**	**0.0341**	**0.0129**	**7.0000e-005**	**0.2228**	**1.1000e-004**	**0.2229**	**0.0226**	**1.0000e-004**	**0.0227**	**0.0000**	**6.4150**	**6.4150**	**7.0000e-004**	**0.0000**	**6.4328**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0727	0.0000	0.0727	0.0302	0.0000	0.0302	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0217	0.4143	0.7895	1.3300e-003		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	119.7577	119.7577	0.0379	0.0000	120.7050
Total	**0.0217**	**0.4143**	**0.7895**	**1.3300e-003**	**0.0727**	**2.1800e-003**	**0.0749**	**0.0302**	**2.1800e-003**	**0.0323**	**0.0000**	**119.7577**	**119.7577**	**0.0379**	**0.0000**	**120.7050**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.9000e-004	0.0227	3.7000e-003	3.0000e-005	0.0877	3.0000e-005	0.0877	8.7400e-003	2.0000e-005	8.7700e-003	0.0000	2.5209	2.5209	4.7000e-004	0.0000	2.5328
Vendor	4.0000e-004	0.0108	2.9000e-003	2.0000e-005	0.0106	7.0000e-005	0.0107	1.1700e-003	7.0000e-005	1.2400e-003	0.0000	2.2848	2.2848	1.8000e-004	0.0000	2.2894
Worker	8.5000e-004	6.5000e-004	6.2900e-003	2.0000e-005	0.0390	1.0000e-005	0.0390	4.1600e-003	1.0000e-005	4.1800e-003	0.0000	1.6093	1.6093	5.0000e-005	0.0000	1.6106
Total	**1.7400e-003**	**0.0341**	**0.0129**	**7.0000e-005**	**0.1373**	**1.1000e-004**	**0.1374**	**0.0141**	**1.0000e-004**	**0.0142**	**0.0000**	**6.4150**	**6.4150**	**7.0000e-004**	**0.0000**	**6.4328**

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	tons/yr										MT/yr					
Fugitive Dust					0.0911	0.0000	0.0911	0.0378	0.0000	0.0378	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0498	0.5725	0.3505	6.5000e-004		0.0250	0.0250		0.0230	0.0230	0.0000	58.4864	58.4864	0.0185	0.0000	58.9490
Total	**0.0498**	**0.5725**	**0.3505**	**6.5000e-004**	**0.0911**	**0.0250**	**0.1161**	**0.0378**	**0.0230**	**0.0608**	**0.0000**	**58.4864**	**58.4864**	**0.0185**	**0.0000**	**58.9490**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5000e-004	6.9000e-003	1.1200e-003	1.0000e-005	0.0436	1.0000e-005	0.0436	4.3500e-003	1.0000e-005	4.3600e-003	0.0000	0.7672	0.7672	1.4000e-004	0.0000	0.7709
Vendor	2.0000e-004	5.2700e-003	1.4200e-003	1.0000e-005	8.3100e-003	4.0000e-005	8.3500e-003	8.8000e-004	3.0000e-005	9.2000e-004	0.0000	1.1159	1.1159	9.0000e-005	0.0000	1.1181
Worker	1.7000e-004	1.3000e-004	1.2300e-003	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.3144	0.3144	1.0000e-005	0.0000	0.3146
Total	**5.2000e-004**	**0.0123**	**3.7700e-003**	**2.0000e-005**	**0.0641**	**5.0000e-005**	**0.0642**	**6.5000e-003**	**4.0000e-005**	**6.5600e-003**	**0.0000**	**2.1975**	**2.1975**	**2.4000e-004**	**0.0000**	**2.2036**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0355	0.0000	0.0355	0.0147	0.0000	0.0147	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.2023	0.3856	6.5000e-004		1.0700e-003	1.0700e-003		1.0700e-003	1.0700e-003	0.0000	58.4863	58.4863	0.0185	0.0000	58.9489
Total	**0.0106**	**0.2023**	**0.3856**	**6.5000e-004**	**0.0355**	**1.0700e-003**	**0.0366**	**0.0147**	**1.0700e-003**	**0.0158**	**0.0000**	**58.4863**	**58.4863**	**0.0185**	**0.0000**	**58.9489**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5000e-004	6.9000e-003	1.1200e-003	1.0000e-005	0.0267	1.0000e-005	0.0267	2.6600e-003	1.0000e-005	2.6700e-003	0.0000	0.7672	0.7672	1.4000e-004	0.0000	0.7709
Vendor	2.0000e-004	5.2700e-003	1.4200e-003	1.0000e-005	5.1900e-003	4.0000e-005	5.2300e-003	5.7000e-004	3.0000e-005	6.0000e-004	0.0000	1.1159	1.1159	9.0000e-005	0.0000	1.1181
Worker	1.7000e-004	1.3000e-004	1.2300e-003	0.0000	7.6100e-003	0.0000	7.6100e-003	8.1000e-004	0.0000	8.2000e-004	0.0000	0.3144	0.3144	1.0000e-005	0.0000	0.3146
Total	**5.2000e-004**	**0.0123**	**3.7700e-003**	**2.0000e-005**	**0.0395**	**5.0000e-005**	**0.0395**	**4.0400e-003**	**4.0000e-005**	**4.0900e-003**	**0.0000**	**2.1975**	**2.1975**	**2.4000e-004**	**0.0000**	**2.2036**

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	tons/yr										MT/yr					
Fugitive Dust					1.5718	0.0000	1.5718	0.8640	0.0000	0.8640	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0218	0.2478	0.1631	3.8000e-004		9.6100e-003	9.6100e-003		8.8400e-003	8.8400e-003	0.0000	33.8269	33.8269	0.0107	0.0000	34.0944
Total	**0.0218**	**0.2478**	**0.1631**	**3.8000e-004**	**1.5718**	**9.6100e-003**	**1.5814**	**0.8640**	**8.8400e-003**	**0.8728**	**0.0000**	**33.8269**	**33.8269**	**0.0107**	**0.0000**	**34.0944**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0166	4.4500e-003	4.0000e-005	0.0261	1.1000e-004	0.0262	2.7700e-003	1.1000e-004	2.8800e-003	0.0000	3.5070	3.5070	2.8000e-004	0.0000	3.5140
Worker	5.2000e-004	4.0000e-004	3.8600e-003	1.0000e-005	0.0384	1.0000e-005	0.0384	4.0100e-003	1.0000e-005	4.0100e-003	0.0000	0.9880	0.9880	3.0000e-005	0.0000	0.9888
Total	**1.1400e-003**	**0.0170**	**8.3100e-003**	**5.0000e-005**	**0.0645**	**1.2000e-004**	**0.0646**	**6.7800e-003**	**1.2000e-004**	**6.8900e-003**	**0.0000**	**4.4950**	**4.4950**	**3.1000e-004**	**0.0000**	**4.5028**

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	tons/yr										MT/yr					
Fugitive Dust					0.6130	0.0000	0.6130	0.3370	0.0000	0.3370	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-003	0.1300	0.2399	3.8000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	33.8268	33.8268	0.0107	0.0000	34.0944
Total	**5.5000e-003**	**0.1300**	**0.2399**	**3.8000e-004**	**0.6130**	**6.2000e-004**	**0.6136**	**0.3370**	**6.2000e-004**	**0.3376**	**0.0000**	**33.8268**	**33.8268**	**0.0107**	**0.0000**	**34.0944**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0166	4.4500e-003	4.0000e-005	0.0163	1.1000e-004	0.0164	1.7900e-003	1.1000e-004	1.9000e-003	0.0000	3.5070	3.5070	2.8000e-004	0.0000	3.5140
Worker	5.2000e-004	4.0000e-004	3.8600e-003	1.0000e-005	0.0239	1.0000e-005	0.0239	2.5600e-003	1.0000e-005	2.5600e-003	0.0000	0.9880	0.9880	3.0000e-005	0.0000	0.9888
Total	**1.1400e-003**	**0.0170**	**8.3100e-003**	**5.0000e-005**	**0.0403**	**1.2000e-004**	**0.0404**	**4.3500e-003**	**1.2000e-004**	**4.4600e-003**	**0.0000**	**4.4950**	**4.4950**	**3.1000e-004**	**0.0000**	**4.5028**

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	tons/yr										MT/yr					
Fugitive Dust					1.5718	0.0000	1.5718	0.8640	0.0000	0.8640	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0334	0.3684	0.2648	6.2000e-004		0.0142	0.0142		0.0131	0.0131	0.0000	54.1454	54.1454	0.0175	0.0000	54.5831
Total	**0.0334**	**0.3684**	**0.2648**	**6.2000e-004**	**1.5718**	**0.0142**	**1.5860**	**0.8640**	**0.0131**	**0.8771**	**0.0000**	**54.1454**	**54.1454**	**0.0175**	**0.0000**	**54.5831**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.2000e-004	0.0246	6.5400e-003	6.0000e-005	0.0427	1.2000e-004	0.0429	4.5300e-003	1.1000e-004	4.6500e-003	0.0000	5.6994	5.6994	4.4000e-004	0.0000	5.7103
Worker	8.0000e-004	5.9000e-004	5.7800e-003	2.0000e-005	0.0628	1.0000e-005	0.0629	6.5500e-003	1.0000e-005	6.5700e-003	0.0000	1.5657	1.5657	5.0000e-005	0.0000	1.5669
Total	**1.6200e-003**	**0.0252**	**0.0123**	**8.0000e-005**	**0.1056**	**1.3000e-004**	**0.1057**	**0.0111**	**1.2000e-004**	**0.0112**	**0.0000**	**7.2651**	**7.2651**	**4.9000e-004**	**0.0000**	**7.2772**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.6130	0.0000	0.6130	0.3370	0.0000	0.3370	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0000e-003	0.2127	0.3925	6.2000e-004		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003	0.0000	54.1453	54.1453	0.0175	0.0000	54.5831
Total	**9.0000e-003**	**0.2127**	**0.3925**	**6.2000e-004**	**0.6130**	**1.0100e-003**	**0.6140**	**0.3370**	**1.0100e-003**	**0.3380**	**0.0000**	**54.1453**	**54.1453**	**0.0175**	**0.0000**	**54.5831**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.2000e-004	0.0246	6.5400e-003	6.0000e-005	0.0267	1.2000e-004	0.0268	2.9300e-003	1.1000e-004	3.0500e-003	0.0000	5.6994	5.6994	4.4000e-004	0.0000	5.7103
Worker	8.0000e-004	5.9000e-004	5.7800e-003	2.0000e-005	0.0391	1.0000e-005	0.0392	4.1800e-003	1.0000e-005	4.1900e-003	0.0000	1.5657	1.5657	5.0000e-005	0.0000	1.5669
Total	**1.6200e-003**	**0.0252**	**0.0123**	**8.0000e-005**	**0.0658**	**1.3000e-004**	**0.0660**	**7.1100e-003**	**1.2000e-004**	**7.2400e-003**	**0.0000**	**7.2651**	**7.2651**	**4.9000e-004**	**0.0000**	**7.2772**

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	tons/yr										MT/yr					
Fugitive Dust					1.1833	0.0000	1.1833	0.6505	0.0000	0.6505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0218	0.2478	0.1631	3.8000e-004		9.6100e-003	9.6100e-003		8.8400e-003	8.8400e-003	0.0000	33.8269	33.8269	0.0107	0.0000	34.0944
Total	**0.0218**	**0.2478**	**0.1631**	**3.8000e-004**	**1.1833**	**9.6100e-003**	**1.1930**	**0.6505**	**8.8400e-003**	**0.6593**	**0.0000**	**33.8269**	**33.8269**	**0.0107**	**0.0000**	**34.0944**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0166	4.4500e-003	4.0000e-005	0.0261	1.1000e-004	0.0262	2.7700e-003	1.1000e-004	2.8800e-003	0.0000	3.5070	3.5070	2.8000e-004	0.0000	3.5140
Worker	5.2000e-004	4.0000e-004	3.8600e-003	1.0000e-005	0.0384	1.0000e-005	0.0384	4.0100e-003	1.0000e-005	4.0100e-003	0.0000	0.9880	0.9880	3.0000e-005	0.0000	0.9888
Total	**1.1400e-003**	**0.0170**	**8.3100e-003**	**5.0000e-005**	**0.0645**	**1.2000e-004**	**0.0646**	**6.7800e-003**	**1.2000e-004**	**6.8900e-003**	**0.0000**	**4.4950**	**4.4950**	**3.1000e-004**	**0.0000**	**4.5028**

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	tons/yr										MT/yr					
Fugitive Dust					0.4615	0.0000	0.4615	0.2537	0.0000	0.2537	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5000e-003	0.1300	0.2399	3.8000e-004		6.2000e-004	6.2000e-004		6.2000e-004	6.2000e-004	0.0000	33.8268	33.8268	0.0107	0.0000	34.0944
Total	**5.5000e-003**	**0.1300**	**0.2399**	**3.8000e-004**	**0.4615**	**6.2000e-004**	**0.4621**	**0.2537**	**6.2000e-004**	**0.2543**	**0.0000**	**33.8268**	**33.8268**	**0.0107**	**0.0000**	**34.0944**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2000e-004	0.0166	4.4500e-003	4.0000e-005	0.0163	1.1000e-004	0.0164	1.7900e-003	1.1000e-004	1.9000e-003	0.0000	3.5070	3.5070	2.8000e-004	0.0000	3.5140
Worker	5.2000e-004	4.0000e-004	3.8600e-003	1.0000e-005	0.0239	1.0000e-005	0.0239	2.5600e-003	1.0000e-005	2.5600e-003	0.0000	0.9880	0.9880	3.0000e-005	0.0000	0.9888
Total	**1.1400e-003**	**0.0170**	**8.3100e-003**	**5.0000e-005**	**0.0403**	**1.2000e-004**	**0.0404**	**4.3500e-003**	**1.2000e-004**	**4.4600e-003**	**0.0000**	**4.4950**	**4.4950**	**3.1000e-004**	**0.0000**	**4.5028**

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	tons/yr										MT/yr					
Fugitive Dust					1.1833	0.0000	1.1833	0.6505	0.0000	0.6505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0201	0.2217	0.1594	3.7000e-004		8.5600e-003	8.5600e-003		7.8700e-003	7.8700e-003	0.0000	32.5875	32.5875	0.0105	0.0000	32.8510
Total	**0.0201**	**0.2217**	**0.1594**	**3.7000e-004**	**1.1833**	**8.5600e-003**	**1.1919**	**0.6505**	**7.8700e-003**	**0.6583**	**0.0000**	**32.5875**	**32.5875**	**0.0105**	**0.0000**	**32.8510**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0148	3.9400e-003	4.0000e-005	0.0257	7.0000e-005	0.0258	2.7300e-003	7.0000e-005	2.8000e-003	0.0000	3.4302	3.4302	2.6000e-004	0.0000	3.4368
Worker	4.8000e-004	3.5000e-004	3.4800e-003	1.0000e-005	0.0378	1.0000e-005	0.0378	3.9400e-003	1.0000e-005	3.9500e-003	0.0000	0.9423	0.9423	3.0000e-005	0.0000	0.9431
Total	**9.8000e-004**	**0.0152**	**7.4200e-003**	**5.0000e-005**	**0.0635**	**8.0000e-005**	**0.0636**	**6.6700e-003**	**8.0000e-005**	**6.7500e-003**	**0.0000**	**4.3725**	**4.3725**	**2.9000e-004**	**0.0000**	**4.3798**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4615	0.0000	0.4615	0.2537	0.0000	0.2537	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4200e-003	0.1280	0.2363	3.7000e-004		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	32.5874	32.5874	0.0105	0.0000	32.8509
Total	**5.4200e-003**	**0.1280**	**0.2363**	**3.7000e-004**	**0.4615**	**6.1000e-004**	**0.4621**	**0.2537**	**6.1000e-004**	**0.2543**	**0.0000**	**32.5874**	**32.5874**	**0.0105**	**0.0000**	**32.8509**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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-004	0.0148	3.9400e-003	4.0000e-005	0.0161	7.0000e-005	0.0162	1.7600e-003	7.0000e-005	1.8300e-003	0.0000	3.4302	3.4302	2.6000e-004	0.0000	3.4368
Worker	4.8000e-004	3.5000e-004	3.4800e-003	1.0000e-005	0.0236	1.0000e-005	0.0236	2.5200e-003	1.0000e-005	2.5200e-003	0.0000	0.9423	0.9423	3.0000e-005	0.0000	0.9431
Total	**9.8000e-004**	**0.0152**	**7.4200e-003**	**5.0000e-005**	**0.0396**	**8.0000e-005**	**0.0397**	**4.2800e-003**	**8.0000e-005**	**4.3500e-003**	**0.0000**	**4.3725**	**4.3725**	**2.9000e-004**	**0.0000**	**4.3798**

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	tons/yr										MT/yr					
Fugitive Dust					1.1743	0.0000	1.1743	0.6455	0.0000	0.6455	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0402	0.4434	0.3187	7.4000e-004		0.0171	0.0171		0.0157	0.0157	0.0000	65.1750	65.1750	0.0211	0.0000	65.7019
Total	**0.0402**	**0.4434**	**0.3187**	**7.4000e-004**	**1.1743**	**0.0171**	**1.1914**	**0.6455**	**0.0157**	**0.6612**	**0.0000**	**65.1750**	**65.1750**	**0.0211**	**0.0000**	**65.7019**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.9000e-004	0.0296	7.8700e-003	7.0000e-005	0.0514	1.4000e-004	0.0516	5.4600e-003	1.4000e-004	5.5900e-003	0.0000	6.8604	6.8604	5.3000e-004	0.0000	6.8735
Worker	9.6000e-004	7.1000e-004	6.9600e-003	2.0000e-005	0.0756	1.0000e-005	0.0757	7.8900e-003	1.0000e-005	7.9000e-003	0.0000	1.8847	1.8847	6.0000e-005	0.0000	1.8861
Total	**1.9500e-003**	**0.0304**	**0.0148**	**9.0000e-005**	**0.1271**	**1.5000e-004**	**0.1273**	**0.0134**	**1.5000e-004**	**0.0135**	**0.0000**	**8.7451**	**8.7451**	**5.9000e-004**	**0.0000**	**8.7596**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.4580	0.0000	0.4580	0.2517	0.0000	0.2517	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	65.1749	65.1749	0.0211	0.0000	65.7019
Total	**0.0108**	**0.2561**	**0.4725**	**7.4000e-004**	**0.4580**	**1.2200e-003**	**0.4592**	**0.2517**	**1.2200e-003**	**0.2530**	**0.0000**	**65.1749**	**65.1749**	**0.0211**	**0.0000**	**65.7019**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.9000e-004	0.0296	7.8700e-003	7.0000e-005	0.0322	1.4000e-004	0.0323	3.5300e-003	1.4000e-004	3.6700e-003	0.0000	6.8604	6.8604	5.3000e-004	0.0000	6.8735
Worker	9.6000e-004	7.1000e-004	6.9600e-003	2.0000e-005	0.0471	1.0000e-005	0.0471	5.0400e-003	1.0000e-005	5.0500e-003	0.0000	1.8847	1.8847	6.0000e-005	0.0000	1.8861
Total	**1.9500e-003**	**0.0304**	**0.0148**	**9.0000e-005**	**0.0793**	**1.5000e-004**	**0.0794**	**8.5700e-003**	**1.5000e-004**	**8.7200e-003**	**0.0000**	**8.7451**	**8.7451**	**5.9000e-004**	**0.0000**	**8.7596**

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	tons/yr										MT/yr					
Off-Road	0.0292	0.3024	0.3150	4.9000e-004		0.0162	0.0162		0.0149	0.0149	0.0000	43.0607	43.0607	0.0139	0.0000	43.4088
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0292**	**0.3024**	**0.3150**	**4.9000e-004**		**0.0162**	**0.0162**		**0.0149**	**0.0149**	**0.0000**	**43.0607**	**43.0607**	**0.0139**	**0.0000**	**43.4088**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.2000e-004	0.0245	6.5100e-003	6.0000e-005	0.0425	1.2000e-004	0.0427	4.5100e-003	1.1000e-004	4.6300e-003	0.0000	5.6730	5.6730	4.3000e-004	0.0000	5.6839
Worker	6.3000e-004	4.7000e-004	4.6000e-003	1.0000e-005	0.0500	1.0000e-005	0.0501	5.2200e-003	1.0000e-005	5.2300e-003	0.0000	1.2468	1.2468	4.0000e-005	0.0000	1.2477
Total	**1.4500e-003**	**0.0250**	**0.0111**	**7.0000e-005**	**0.0926**	**1.3000e-004**	**0.0927**	**9.7300e-003**	**1.2000e-004**	**9.8600e-003**	**0.0000**	**6.9198**	**6.9198**	**4.7000e-004**	**0.0000**	**6.9316**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.1800e-003	0.2159	0.3719	4.9000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	43.0606	43.0606	0.0139	0.0000	43.4088
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.1800e-003**	**0.2159**	**0.3719**	**4.9000e-004**		**8.0000e-004**	**8.0000e-004**		**8.0000e-004**	**8.0000e-004**	**0.0000**	**43.0606**	**43.0606**	**0.0139**	**0.0000**	**43.4088**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.2000e-004	0.0245	6.5100e-003	6.0000e-005	0.0266	1.2000e-004	0.0267	2.9200e-003	1.1000e-004	3.0300e-003	0.0000	5.6730	5.6730	4.3000e-004	0.0000	5.6839
Worker	6.3000e-004	4.7000e-004	4.6000e-003	1.0000e-005	0.0312	1.0000e-005	0.0312	3.3300e-003	1.0000e-005	3.3400e-003	0.0000	1.2468	1.2468	4.0000e-005	0.0000	1.2477
Total	**1.4500e-003**	**0.0250**	**0.0111**	**7.0000e-005**	**0.0578**	**1.3000e-004**	**0.0579**	**6.2500e-003**	**1.2000e-004**	**6.3700e-003**	**0.0000**	**6.9198**	**6.9198**	**4.7000e-004**	**0.0000**	**6.9316**

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	tons/yr										MT/yr					
Off-Road	0.0149	0.1547	0.1612	2.5000e-004		8.2800e-003	8.2800e-003		7.6200e-003	7.6200e-003	0.0000	22.0310	22.0310	7.1300e-003	0.0000	22.2092
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0149**	**0.1547**	**0.1612**	**2.5000e-004**		**8.2800e-003**	**8.2800e-003**		**7.6200e-003**	**7.6200e-003**	**0.0000**	**22.0310**	**22.0310**	**7.1300e-003**	**0.0000**	**22.2092**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2000e-004	0.0125	3.3300e-003	3.0000e-005	0.0218	6.0000e-005	0.0218	2.3100e-003	6.0000e-005	2.3700e-003	0.0000	2.9025	2.9025	2.2000e-004	0.0000	2.9080
Worker	3.2000e-004	2.4000e-004	2.3500e-003	1.0000e-005	0.0256	1.0000e-005	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.6379	0.6379	2.0000e-005	0.0000	0.6384
Total	**7.4000e-004**	**0.0128**	**5.6800e-003**	**4.0000e-005**	**0.0474**	**7.0000e-005**	**0.0474**	**4.9800e-003**	**6.0000e-005**	**5.0400e-003**	**0.0000**	**3.5404**	**3.5404**	**2.4000e-004**	**0.0000**	**3.5464**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0310	22.0310	7.1300e-003	0.0000	22.2092
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0310**	**22.0310**	**7.1300e-003**	**0.0000**	**22.2092**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2000e-004	0.0125	3.3300e-003	3.0000e-005	0.0136	6.0000e-005	0.0137	1.4900e-003	6.0000e-005	1.5500e-003	0.0000	2.9025	2.9025	2.2000e-004	0.0000	2.9080
Worker	3.2000e-004	2.4000e-004	2.3500e-003	1.0000e-005	0.0159	1.0000e-005	0.0160	1.7000e-003	0.0000	1.7100e-003	0.0000	0.6379	0.6379	2.0000e-005	0.0000	0.6384
Total	**7.4000e-004**	**0.0128**	**5.6800e-003**	**4.0000e-005**	**0.0295**	**7.0000e-005**	**0.0296**	**3.1900e-003**	**6.0000e-005**	**3.2600e-003**	**0.0000**	**3.5404**	**3.5404**	**2.4000e-004**	**0.0000**	**3.5464**

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	tons/yr										MT/yr					
Fugitive Dust					0.1897	0.0000	0.1897	0.1043	0.0000	0.1043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6800e-003	0.0223	0.0292	4.0000e-005		9.7000e-004	9.7000e-004		8.9000e-004	8.9000e-004	0.0000	3.8134	3.8134	1.2300e-003	0.0000	3.8442
Total	**1.6800e-003**	**0.0223**	**0.0292**	**4.0000e-005**	**0.1897**	**9.7000e-004**	**0.1907**	**0.1043**	**8.9000e-004**	**0.1052**	**0.0000**	**3.8134**	**3.8134**	**1.2300e-003**	**0.0000**	**3.8442**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6000e-004	4.7900e-003	1.2700e-003	1.0000e-005	8.3100e-003	2.0000e-005	8.3300e-003	8.8000e-004	2.0000e-005	9.0000e-004	0.0000	1.1082	1.1082	8.0000e-005	0.0000	1.1103
Worker	1.5000e-004	1.1000e-004	1.1200e-003	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.3045	0.3045	1.0000e-005	0.0000	0.3047
Total	**3.1000e-004**	**4.9000e-003**	**2.3900e-003**	**1.0000e-005**	**0.0205**	**2.0000e-005**	**0.0206**	**2.1500e-003**	**2.0000e-005**	**2.1800e-003**	**0.0000**	**1.4127**	**1.4127**	**9.0000e-005**	**0.0000**	**1.4150**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0740	0.0000	0.0740	0.0407	0.0000	0.0407	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0700e-003	0.0244	0.0330	4.0000e-005		1.0000e-003	1.0000e-003		1.0000e-003	1.0000e-003	0.0000	3.8134	3.8134	1.2300e-003	0.0000	3.8442
Total	**1.0700e-003**	**0.0244**	**0.0330**	**4.0000e-005**	**0.0740**	**1.0000e-003**	**0.0750**	**0.0407**	**1.0000e-003**	**0.0417**	**0.0000**	**3.8134**	**3.8134**	**1.2300e-003**	**0.0000**	**3.8442**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6000e-004	4.7900e-003	1.2700e-003	1.0000e-005	5.1900e-003	2.0000e-005	5.2200e-003	5.7000e-004	2.0000e-005	5.9000e-004	0.0000	1.1082	1.1082	8.0000e-005	0.0000	1.1103
Worker	1.5000e-004	1.1000e-004	1.1200e-003	0.0000	7.6100e-003	0.0000	7.6100e-003	8.1000e-004	0.0000	8.2000e-004	0.0000	0.3045	0.3045	1.0000e-005	0.0000	0.3047
Total	**3.1000e-004**	**4.9000e-003**	**2.3900e-003**	**1.0000e-005**	**0.0128**	**2.0000e-005**	**0.0128**	**1.3800e-003**	**2.0000e-005**	**1.4100e-003**	**0.0000**	**1.4127**	**1.4127**	**9.0000e-005**	**0.0000**	**1.4150**

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	tons/yr										MT/yr					
Fugitive Dust					0.9846	0.0000	0.9846	0.5412	0.0000	0.5412	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.7100e-003	0.1158	0.1515	2.3000e-004		5.0100e-003	5.0100e-003		4.6100e-003	4.6100e-003	0.0000	19.7933	19.7933	6.4000e-003	0.0000	19.9534
Total	**8.7100e-003**	**0.1158**	**0.1515**	**2.3000e-004**	**0.9846**	**5.0100e-003**	**0.9896**	**0.5412**	**4.6100e-003**	**0.5458**	**0.0000**	**19.7933**	**19.7933**	**6.4000e-003**	**0.0000**	**19.9534**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.3000e-004	0.0249	6.6000e-003	6.0000e-005	0.0431	1.2000e-004	0.0433	4.5700e-003	1.2000e-004	4.6900e-003	0.0000	5.7522	5.7522	4.4000e-004	0.0000	5.7632
Worker	8.0000e-004	5.9000e-004	5.8300e-003	2.0000e-005	0.0634	1.0000e-005	0.0634	6.6100e-003	1.0000e-005	6.6300e-003	0.0000	1.5802	1.5802	5.0000e-005	0.0000	1.5814
Total	**1.6300e-003**	**0.0254**	**0.0124**	**8.0000e-005**	**0.1066**	**1.3000e-004**	**0.1067**	**0.0112**	**1.3000e-004**	**0.0113**	**0.0000**	**7.3324**	**7.3324**	**4.9000e-004**	**0.0000**	**7.3446**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3840	0.0000	0.3840	0.2111	0.0000	0.2111	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.5500e-003	0.1267	0.1711	2.3000e-004		5.1800e-003	5.1800e-003		5.1800e-003	5.1800e-003	0.0000	19.7933	19.7933	6.4000e-003	0.0000	19.9533
Total	**5.5500e-003**	**0.1267**	**0.1711**	**2.3000e-004**	**0.3840**	**5.1800e-003**	**0.3892**	**0.2111**	**5.1800e-003**	**0.2163**	**0.0000**	**19.7933**	**19.7933**	**6.4000e-003**	**0.0000**	**19.9533**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.3000e-004	0.0249	6.6000e-003	6.0000e-005	0.0270	1.2000e-004	0.0271	2.9600e-003	1.2000e-004	3.0700e-003	0.0000	5.7522	5.7522	4.4000e-004	0.0000	5.7632
Worker	8.0000e-004	5.9000e-004	5.8300e-003	2.0000e-005	0.0395	1.0000e-005	0.0395	4.2200e-003	1.0000e-005	4.2300e-003	0.0000	1.5802	1.5802	5.0000e-005	0.0000	1.5814
Total	**1.6300e-003**	**0.0254**	**0.0124**	**8.0000e-005**	**0.0665**	**1.3000e-004**	**0.0666**	**7.1800e-003**	**1.3000e-004**	**7.3000e-003**	**0.0000**	**7.3324**	**7.3324**	**4.9000e-004**	**0.0000**	**7.3446**

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	tons/yr										MT/yr					
Off-Road	0.0305	0.3165	0.3297	5.1000e-004		0.0169	0.0169		0.0156	0.0156	0.0000	45.0635	45.0635	0.0146	0.0000	45.4279
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0305**	**0.3165**	**0.3297**	**5.1000e-004**		**0.0169**	**0.0169**		**0.0156**	**0.0156**	**0.0000**	**45.0635**	**45.0635**	**0.0146**	**0.0000**	**45.4279**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.6000e-004	0.0257	6.8100e-003	6.0000e-005	0.0445	1.3000e-004	0.0446	4.7200e-003	1.2000e-004	4.8400e-003	0.0000	5.9369	5.9369	4.6000e-004	0.0000	5.9483
Worker	6.6000e-004	4.9000e-004	4.8200e-003	1.0000e-005	0.0524	1.0000e-005	0.0524	5.4600e-003	1.0000e-005	5.4700e-003	0.0000	1.3048	1.3048	4.0000e-005	0.0000	1.3058
Total	**1.5200e-003**	**0.0261**	**0.0116**	**7.0000e-005**	**0.0969**	**1.4000e-004**	**0.0970**	**0.0102**	**1.3000e-004**	**0.0103**	**0.0000**	**7.2417**	**7.2417**	**5.0000e-004**	**0.0000**	**7.2540**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5200e-003	0.2259	0.3892	5.1000e-004		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004	0.0000	45.0634	45.0634	0.0146	0.0000	45.4278
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.5200e-003**	**0.2259**	**0.3892**	**5.1000e-004**		**8.4000e-004**	**8.4000e-004**		**8.4000e-004**	**8.4000e-004**	**0.0000**	**45.0634**	**45.0634**	**0.0146**	**0.0000**	**45.4278**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.6000e-004	0.0257	6.8100e-003	6.0000e-005	0.0278	1.3000e-004	0.0280	3.0500e-003	1.2000e-004	3.1700e-003	0.0000	5.9369	5.9369	4.6000e-004	0.0000	5.9483
Worker	6.6000e-004	4.9000e-004	4.8200e-003	1.0000e-005	0.0326	1.0000e-005	0.0326	3.4900e-003	1.0000e-005	3.5000e-003	0.0000	1.3048	1.3048	4.0000e-005	0.0000	1.3058
Total	**1.5200e-003**	**0.0261**	**0.0116**	**7.0000e-005**	**0.0604**	**1.4000e-004**	**0.0606**	**6.5400e-003**	**1.3000e-004**	**6.6700e-003**	**0.0000**	**7.2417**	**7.2417**	**5.0000e-004**	**0.0000**	**7.2540**

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	tons/yr										MT/yr					
Fugitive Dust					0.7769	0.0000	0.7769	0.4270	0.0000	0.4270	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.8700e-003	0.0914	0.1195	1.8000e-004		3.9600e-003	3.9600e-003		3.6400e-003	3.6400e-003	0.0000	15.6167	15.6167	5.0500e-003	0.0000	15.7430
Total	**6.8700e-003**	**0.0914**	**0.1195**	**1.8000e-004**	**0.7769**	**3.9600e-003**	**0.7808**	**0.4270**	**3.6400e-003**	**0.4307**	**0.0000**	**15.6167**	**15.6167**	**5.0500e-003**	**0.0000**	**15.7430**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.6000e-004	0.0196	5.2100e-003	5.0000e-005	0.0340	1.0000e-004	0.0341	3.6100e-003	9.0000e-005	3.7000e-003	0.0000	4.5384	4.5384	3.5000e-004	0.0000	4.5471
Worker	6.3000e-004	4.7000e-004	4.6000e-003	1.0000e-005	0.0500	1.0000e-005	0.0501	5.2200e-003	1.0000e-005	5.2300e-003	0.0000	1.2468	1.2468	4.0000e-005	0.0000	1.2477
Total	**1.2900e-003**	**0.0201**	**9.8100e-003**	**6.0000e-005**	**0.0841**	**1.1000e-004**	**0.0842**	**8.8300e-003**	**1.0000e-004**	**8.9300e-003**	**0.0000**	**5.7852**	**5.7852**	**3.9000e-004**	**0.0000**	**5.7948**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.3030	0.0000	0.3030	0.1665	0.0000	0.1665	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3800e-003	0.1000	0.1350	1.8000e-004		4.0900e-003	4.0900e-003		4.0900e-003	4.0900e-003	0.0000	15.6167	15.6167	5.0500e-003	0.0000	15.7430
Total	**4.3800e-003**	**0.1000**	**0.1350**	**1.8000e-004**	**0.3030**	**4.0900e-003**	**0.3071**	**0.1665**	**4.0900e-003**	**0.1706**	**0.0000**	**15.6167**	**15.6167**	**5.0500e-003**	**0.0000**	**15.7430**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.6000e-004	0.0196	5.2100e-003	5.0000e-005	0.0213	1.0000e-004	0.0214	2.3300e-003	9.0000e-005	2.4200e-003	0.0000	4.5384	4.5384	3.5000e-004	0.0000	4.5471
Worker	6.3000e-004	4.7000e-004	4.6000e-003	1.0000e-005	0.0312	1.0000e-005	0.0312	3.3300e-003	1.0000e-005	3.3400e-003	0.0000	1.2468	1.2468	4.0000e-005	0.0000	1.2477
Total	**1.2900e-003**	**0.0201**	**9.8100e-003**	**6.0000e-005**	**0.0524**	**1.1000e-004**	**0.0525**	**5.6600e-003**	**1.0000e-004**	**5.7600e-003**	**0.0000**	**5.7852**	**5.7852**	**3.9000e-004**	**0.0000**	**5.7948**

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	tons/yr										MT/yr					
Fugitive Dust					0.0954	0.0000	0.0954	0.0396	0.0000	0.0396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0490	0.5522	0.3515	6.8000e-004		0.0239	0.0239		0.0220	0.0220	0.0000	59.9327	59.9327	0.0194	0.0000	60.4173
Total	**0.0490**	**0.5522**	**0.3515**	**6.8000e-004**	**0.0954**	**0.0239**	**0.1193**	**0.0396**	**0.0220**	**0.0616**	**0.0000**	**59.9327**	**59.9327**	**0.0194**	**0.0000**	**60.4173**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	1.2500e-003	2.0000e-004	0.0000	8.1900e-003	0.0000	8.1900e-003	8.2000e-004	0.0000	8.2000e-004	0.0000	0.1445	0.1445	3.0000e-005	0.0000	0.1451
Vendor	1.7000e-004	5.0200e-003	1.3300e-003	1.0000e-005	8.7100e-003	2.0000e-005	8.7300e-003	9.2000e-004	2.0000e-005	9.5000e-004	0.0000	1.1610	1.1610	9.0000e-005	0.0000	1.1632
Worker	4.1000e-004	3.0000e-004	2.9400e-003	1.0000e-005	0.0320	1.0000e-005	0.0320	3.3400e-003	1.0000e-005	3.3400e-003	0.0000	0.7974	0.7974	2.0000e-005	0.0000	0.7980
Total	**6.0000e-004**	**6.5700e-003**	**4.4700e-003**	**2.0000e-005**	**0.0489**	**3.0000e-005**	**0.0489**	**5.0800e-003**	**3.0000e-005**	**5.1100e-003**	**0.0000**	**2.1028**	**2.1028**	**1.4000e-004**	**0.0000**	**2.1063**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0372	0.0000	0.0372	0.0154	0.0000	0.0154	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0111	0.2120	0.4040	6.8000e-004		1.1200e-003	1.1200e-003		1.1200e-003	1.1200e-003	0.0000	59.9327	59.9327	0.0194	0.0000	60.4172
Total	**0.0111**	**0.2120**	**0.4040**	**6.8000e-004**	**0.0372**	**1.1200e-003**	**0.0383**	**0.0154**	**1.1200e-003**	**0.0166**	**0.0000**	**59.9327**	**59.9327**	**0.0194**	**0.0000**	**60.4172**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.0000e-005	1.2500e-003	2.0000e-004	0.0000	5.0200e-003	0.0000	5.0200e-003	5.0000e-004	0.0000	5.0000e-004	0.0000	0.1445	0.1445	3.0000e-005	0.0000	0.1451
Vendor	1.7000e-004	5.0200e-003	1.3300e-003	1.0000e-005	5.4400e-003	2.0000e-005	5.4700e-003	6.0000e-004	2.0000e-005	6.2000e-004	0.0000	1.1610	1.1610	9.0000e-005	0.0000	1.1632
Worker	4.1000e-004	3.0000e-004	2.9400e-003	1.0000e-005	0.0199	1.0000e-005	0.0199	2.1300e-003	1.0000e-005	2.1400e-003	0.0000	0.7974	0.7974	2.0000e-005	0.0000	0.7980
Total	**6.0000e-004**	**6.5700e-003**	**4.4700e-003**	**2.0000e-005**	**0.0304**	**3.0000e-005**	**0.0304**	**3.2300e-003**	**3.0000e-005**	**3.2600e-003**	**0.0000**	**2.1028**	**2.1028**	**1.4000e-004**	**0.0000**	**2.1063**

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	tons/yr										MT/yr					
Fugitive Dust					0.3975	0.0000	0.3975	0.2185	0.0000	0.2185	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0136	0.1501	0.1079	2.5000e-004		5.7900e-003	5.7900e-003		5.3300e-003	5.3300e-003	0.0000	22.0592	22.0592	7.1300e-003	0.0000	22.2376
Total	**0.0136**	**0.1501**	**0.1079**	**2.5000e-004**	**0.3975**	**5.7900e-003**	**0.4033**	**0.2185**	**5.3300e-003**	**0.2238**	**0.0000**	**22.0592**	**22.0592**	**7.1300e-003**	**0.0000**	**22.2376**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-004	0.0100	2.6700e-003	2.0000e-005	0.0174	5.0000e-005	0.0175	1.8500e-003	5.0000e-005	1.8900e-003	0.0000	2.3220	2.3220	1.8000e-004	0.0000	2.3264
Worker	3.2000e-004	2.4000e-004	2.3500e-003	1.0000e-005	0.0256	1.0000e-005	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.6379	0.6379	2.0000e-005	0.0000	0.6384
Total	**6.6000e-004**	**0.0103**	**5.0200e-003**	**3.0000e-005**	**0.0430**	**6.0000e-005**	**0.0431**	**4.5200e-003**	**5.0000e-005**	**4.5600e-003**	**0.0000**	**2.9599**	**2.9599**	**2.0000e-004**	**0.0000**	**2.9648**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1550	0.0000	0.1550	0.0852	0.0000	0.0852	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6700e-003	0.0867	0.1599	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0592	22.0592	7.1300e-003	0.0000	22.2376
Total	**3.6700e-003**	**0.0867**	**0.1599**	**2.5000e-004**	**0.1550**	**4.1000e-004**	**0.1554**	**0.0852**	**4.1000e-004**	**0.0856**	**0.0000**	**22.0592**	**22.0592**	**7.1300e-003**	**0.0000**	**22.2376**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-004	0.0100	2.6700e-003	2.0000e-005	0.0109	5.0000e-005	0.0109	1.1900e-003	5.0000e-005	1.2400e-003	0.0000	2.3220	2.3220	1.8000e-004	0.0000	2.3264
Worker	3.2000e-004	2.4000e-004	2.3500e-003	1.0000e-005	0.0159	1.0000e-005	0.0160	1.7000e-003	0.0000	1.7100e-003	0.0000	0.6379	0.6379	2.0000e-005	0.0000	0.6384
Total	**6.6000e-004**	**0.0103**	**5.0200e-003**	**3.0000e-005**	**0.0268**	**6.0000e-005**	**0.0269**	**2.8900e-003**	**5.0000e-005**	**2.9500e-003**	**0.0000**	**2.9599**	**2.9599**	**2.0000e-004**	**0.0000**	**2.9648**

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	tons/yr										MT/yr					
Off-Road	0.0132	0.1357	0.1539	2.4000e-004		7.1200e-003	7.1200e-003		6.5500e-003	6.5500e-003	0.0000	21.0247	21.0247	6.8000e-003	0.0000	21.1947
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0132**	**0.1357**	**0.1539**	**2.4000e-004**		**7.1200e-003**	**7.1200e-003**		**6.5500e-003**	**6.5500e-003**	**0.0000**	**21.0247**	**21.0247**	**6.8000e-003**	**0.0000**	**21.1947**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0108	2.8800e-003	3.0000e-005	0.0208	2.0000e-005	0.0208	2.2000e-003	2.0000e-005	2.2300e-003	0.0000	2.7451	2.7451	2.0000e-004	0.0000	2.7502
Worker	1.5000e-004	1.0000e-004	1.0500e-003	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2942	0.2942	1.0000e-005	0.0000	0.2944
Total	**4.7000e-004**	**0.0109**	**3.9300e-003**	**3.0000e-005**	**0.0330**	**2.0000e-005**	**0.0330**	**3.4700e-003**	**2.0000e-005**	**3.5100e-003**	**0.0000**	**3.0393**	**3.0393**	**2.1000e-004**	**0.0000**	**3.0446**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5100e-003	0.1054	0.1816	2.4000e-004		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	21.0246	21.0246	6.8000e-003	0.0000	21.1946
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.5100e-003**	**0.1054**	**0.1816**	**2.4000e-004**		**3.9000e-004**	**3.9000e-004**		**3.9000e-004**	**3.9000e-004**	**0.0000**	**21.0246**	**21.0246**	**6.8000e-003**	**0.0000**	**21.1946**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0108	2.8800e-003	3.0000e-005	0.0130	2.0000e-005	0.0130	1.4200e-003	2.0000e-005	1.4500e-003	0.0000	2.7451	2.7451	2.0000e-004	0.0000	2.7502
Worker	1.5000e-004	1.0000e-004	1.0500e-003	0.0000	7.6100e-003	0.0000	7.6100e-003	8.1000e-004	0.0000	8.2000e-004	0.0000	0.2942	0.2942	1.0000e-005	0.0000	0.2944
Total	**4.7000e-004**	**0.0109**	**3.9300e-003**	**3.0000e-005**	**0.0206**	**2.0000e-005**	**0.0206**	**2.2300e-003**	**2.0000e-005**	**2.2700e-003**	**0.0000**	**3.0393**	**3.0393**	**2.1000e-004**	**0.0000**	**3.0446**

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	tons/yr										MT/yr					
Fugitive Dust					0.2078	0.0000	0.2078	0.1142	0.0000	0.1142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7400e-003	0.0231	0.0320	5.0000e-005		9.4000e-004	9.4000e-004		8.6000e-004	8.6000e-004	0.0000	4.1772	4.1772	1.3500e-003	0.0000	4.2110
Total	**1.7400e-003**	**0.0231**	**0.0320**	**5.0000e-005**	**0.2078**	**9.4000e-004**	**0.2087**	**0.1142**	**8.6000e-004**	**0.1151**	**0.0000**	**4.1772**	**4.1772**	**1.3500e-003**	**0.0000**	**4.2110**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.7300e-003	1.2600e-003	1.0000e-005	9.1000e-003	1.0000e-005	9.1100e-003	9.7000e-004	1.0000e-005	9.7000e-004	0.0000	1.2026	1.2026	9.0000e-005	0.0000	1.2049
Worker	1.6000e-004	1.1000e-004	1.1500e-003	0.0000	0.0134	0.0000	0.0134	1.4000e-003	0.0000	1.4000e-003	0.0000	0.3222	0.3222	1.0000e-005	0.0000	0.3225
Total	**3.0000e-004**	**4.8400e-003**	**2.4100e-003**	**1.0000e-005**	**0.0225**	**1.0000e-005**	**0.0225**	**2.3700e-003**	**1.0000e-005**	**2.3700e-003**	**0.0000**	**1.5249**	**1.5249**	**1.0000e-004**	**0.0000**	**1.5273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0810	0.0000	0.0810	0.0445	0.0000	0.0445	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1700e-003	0.0267	0.0361	5.0000e-005		1.0900e-003	1.0900e-003		1.0900e-003	1.0900e-003	0.0000	4.1772	4.1772	1.3500e-003	0.0000	4.2110
Total	**1.1700e-003**	**0.0267**	**0.0361**	**5.0000e-005**	**0.0810**	**1.0900e-003**	**0.0821**	**0.0445**	**1.0900e-003**	**0.0456**	**0.0000**	**4.1772**	**4.1772**	**1.3500e-003**	**0.0000**	**4.2110**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.4000e-004	4.7300e-003	1.2600e-003	1.0000e-005	5.6900e-003	1.0000e-005	5.7000e-003	6.2000e-004	1.0000e-005	6.3000e-004	0.0000	1.2026	1.2026	9.0000e-005	0.0000	1.2049
Worker	1.6000e-004	1.1000e-004	1.1500e-003	0.0000	8.3300e-003	0.0000	8.3400e-003	8.9000e-004	0.0000	8.9000e-004	0.0000	0.3222	0.3222	1.0000e-005	0.0000	0.3225
Total	**3.0000e-004**	**4.8400e-003**	**2.4100e-003**	**1.0000e-005**	**0.0140**	**1.0000e-005**	**0.0140**	**1.5100e-003**	**1.0000e-005**	**1.5200e-003**	**0.0000**	**1.5249**	**1.5249**	**1.0000e-004**	**0.0000**	**1.5273**

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	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.9400e-003	0.0480	0.0479	1.1000e-004		1.8700e-003	1.8700e-003		1.7200e-003	1.7200e-003	0.0000	10.0306	10.0306	3.2400e-003	0.0000	10.1117
Total	**4.9400e-003**	**0.0480**	**0.0479**	**1.1000e-004**	**0.1807**	**1.8700e-003**	**0.1825**	**0.0993**	**1.7200e-003**	**0.1010**	**0.0000**	**10.0306**	**10.0306**	**3.2400e-003**	**0.0000**	**10.1117**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.8800e-003	1.0400e-003	1.0000e-005	7.9100e-003	1.0000e-005	7.9200e-003	8.4000e-004	1.0000e-005	8.5000e-004	0.0000	1.0359	1.0359	8.0000e-005	0.0000	1.0377
Worker	1.3000e-004	9.0000e-005	9.3000e-004	0.0000	0.0116	0.0000	0.0116	1.2100e-003	0.0000	1.2200e-003	0.0000	0.2699	0.2699	1.0000e-005	0.0000	0.2701
Total	**2.5000e-004**	**3.9700e-003**	**1.9700e-003**	**1.0000e-005**	**0.0196**	**1.0000e-005**	**0.0196**	**2.0500e-003**	**1.0000e-005**	**2.0700e-003**	**0.0000**	**1.3058**	**1.3058**	**9.0000e-005**	**0.0000**	**1.3079**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0705	0.0000	0.0705	0.0387	0.0000	0.0387	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6700e-003	0.0394	0.0727	1.1000e-004		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	10.0305	10.0305	3.2400e-003	0.0000	10.1117
Total	**1.6700e-003**	**0.0394**	**0.0727**	**1.1000e-004**	**0.0705**	**1.9000e-004**	**0.0707**	**0.0387**	**1.9000e-004**	**0.0389**	**0.0000**	**10.0305**	**10.0305**	**3.2400e-003**	**0.0000**	**10.1117**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.8800e-003	1.0400e-003	1.0000e-005	4.9500e-003	1.0000e-005	4.9500e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.0359	1.0359	8.0000e-005	0.0000	1.0377
Worker	1.3000e-004	9.0000e-005	9.3000e-004	0.0000	7.2500e-003	0.0000	7.2500e-003	7.7000e-004	0.0000	7.8000e-004	0.0000	0.2699	0.2699	1.0000e-005	0.0000	0.2701
Total	**2.5000e-004**	**3.9700e-003**	**1.9700e-003**	**1.0000e-005**	**0.0122**	**1.0000e-005**	**0.0122**	**1.3100e-003**	**1.0000e-005**	**1.3300e-003**	**0.0000**	**1.3058**	**1.3058**	**9.0000e-005**	**0.0000**	**1.3079**

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	tons/yr										MT/yr					
Off-Road	0.0121	0.1224	0.1604	2.5000e-004		6.2500e-003	6.2500e-003		5.7500e-003	5.7500e-003	0.0000	22.0303	22.0303	7.1300e-003	0.0000	22.2084
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0121**	**0.1224**	**0.1604**	**2.5000e-004**		**6.2500e-003**	**6.2500e-003**		**5.7500e-003**	**5.7500e-003**	**0.0000**	**22.0303**	**22.0303**	**7.1300e-003**	**0.0000**	**22.2084**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0107	2.8500e-003	3.0000e-005	0.0218	2.0000e-005	0.0218	2.3100e-003	2.0000e-005	2.3300e-003	0.0000	2.8486	2.8486	2.1000e-004	0.0000	2.8538
Worker	2.9000e-004	2.0000e-004	2.0400e-003	1.0000e-005	0.0256	0.0000	0.0256	2.6700e-003	0.0000	2.6700e-003	0.0000	0.5939	0.5939	2.0000e-005	0.0000	0.5943
Total	**6.1000e-004**	**0.0109**	**4.8900e-003**	**4.0000e-005**	**0.0474**	**2.0000e-005**	**0.0474**	**4.9800e-003**	**2.0000e-005**	**5.0000e-003**	**0.0000**	**3.4425**	**3.4425**	**2.3000e-004**	**0.0000**	**3.4481**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0303	22.0303	7.1300e-003	0.0000	22.2084
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.6700e-003**	**0.1104**	**0.1903**	**2.5000e-004**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**22.0303**	**22.0303**	**7.1300e-003**	**0.0000**	**22.2084**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-004	0.0107	2.8500e-003	3.0000e-005	0.0136	2.0000e-005	0.0136	1.4900e-003	2.0000e-005	1.5100e-003	0.0000	2.8486	2.8486	2.1000e-004	0.0000	2.8538
Worker	2.9000e-004	2.0000e-004	2.0400e-003	1.0000e-005	0.0159	0.0000	0.0160	1.7000e-003	0.0000	1.7100e-003	0.0000	0.5939	0.5939	2.0000e-005	0.0000	0.5943
Total	**6.1000e-004**	**0.0109**	**4.8900e-003**	**4.0000e-005**	**0.0295**	**2.0000e-005**	**0.0296**	**3.1900e-003**	**2.0000e-005**	**3.2200e-003**	**0.0000**	**3.4425**	**3.4425**	**2.3000e-004**	**0.0000**	**3.4481**

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	tons/yr										MT/yr					
Fugitive Dust					0.1897	0.0000	0.1897	0.1043	0.0000	0.1043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.4600e-003	0.0195	0.0291	4.0000e-005		7.2000e-004	7.2000e-004		6.7000e-004	6.7000e-004	0.0000	3.8176	3.8176	1.2300e-003	0.0000	3.8485
Total	**1.4600e-003**	**0.0195**	**0.0291**	**4.0000e-005**	**0.1897**	**7.2000e-004**	**0.1904**	**0.1043**	**6.7000e-004**	**0.1049**	**0.0000**	**3.8176**	**3.8176**	**1.2300e-003**	**0.0000**	**3.8485**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0800e-003	1.0900e-003	1.0000e-005	8.3100e-003	1.0000e-005	8.3200e-003	8.8000e-004	1.0000e-005	8.9000e-004	0.0000	1.0877	1.0877	8.0000e-005	0.0000	1.0896
Worker	1.4000e-004	9.0000e-005	9.7000e-004	0.0000	0.0122	0.0000	0.0122	1.2700e-003	0.0000	1.2800e-003	0.0000	0.2834	0.2834	1.0000e-005	0.0000	0.2836
Total	**2.6000e-004**	**4.1700e-003**	**2.0600e-003**	**1.0000e-005**	**0.0205**	**1.0000e-005**	**0.0205**	**2.1500e-003**	**1.0000e-005**	**2.1700e-003**	**0.0000**	**1.3711**	**1.3711**	**9.0000e-005**	**0.0000**	**1.3733**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0740	0.0000	0.0740	0.0407	0.0000	0.0407	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0700e-003	0.0244	0.0330	4.0000e-005		1.0000e-003	1.0000e-003		1.0000e-003	1.0000e-003	0.0000	3.8176	3.8176	1.2300e-003	0.0000	3.8485
Total	**1.0700e-003**	**0.0244**	**0.0330**	**4.0000e-005**	**0.0740**	**1.0000e-003**	**0.0750**	**0.0407**	**1.0000e-003**	**0.0417**	**0.0000**	**3.8176**	**3.8176**	**1.2300e-003**	**0.0000**	**3.8485**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0800e-003	1.0900e-003	1.0000e-005	5.1900e-003	1.0000e-005	5.2000e-003	5.7000e-004	1.0000e-005	5.8000e-004	0.0000	1.0877	1.0877	8.0000e-005	0.0000	1.0896
Worker	1.4000e-004	9.0000e-005	9.7000e-004	0.0000	7.6100e-003	0.0000	7.6100e-003	8.1000e-004	0.0000	8.2000e-004	0.0000	0.2834	0.2834	1.0000e-005	0.0000	0.2836
Total	**2.6000e-004**	**4.1700e-003**	**2.0600e-003**	**1.0000e-005**	**0.0128**	**1.0000e-005**	**0.0128**	**1.3800e-003**	**1.0000e-005**	**1.4000e-003**	**0.0000**	**1.3711**	**1.3711**	**9.0000e-005**	**0.0000**	**1.3733**

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	tons/yr										MT/yr					
Archit. Coating	0.3816					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1500e-003	0.0148	0.0190	3.0000e-005		8.6000e-004	8.6000e-004		8.6000e-004	8.6000e-004	0.0000	2.6809	2.6809	1.7000e-004	0.0000	2.6853
Total	**0.3837**	**0.0148**	**0.0190**	**3.0000e-005**		**8.6000e-004**	**8.6000e-004**		**8.6000e-004**	**8.6000e-004**	**0.0000**	**2.6809**	**2.6809**	**1.7000e-004**	**0.0000**	**2.6853**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0800e-003	1.0900e-003	1.0000e-005	8.3100e-003	1.0000e-005	8.3200e-003	8.8000e-004	1.0000e-005	8.9000e-004	0.0000	1.0877	1.0877	8.0000e-005	0.0000	1.0896
Worker	7.0000e-005	5.0000e-005	4.9000e-004	0.0000	6.1100e-003	0.0000	6.1100e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.1417	0.1417	0.0000	0.0000	0.1418
Total	**1.9000e-004**	**4.1300e-003**	**1.5800e-003**	**1.0000e-005**	**0.0144**	**1.0000e-005**	**0.0144**	**1.5200e-003**	**1.0000e-005**	**1.5300e-003**	**0.0000**	**1.2294**	**1.2294**	**8.0000e-005**	**0.0000**	**1.2314**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3816					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7000e-004	0.0111	0.0192	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.6809	2.6809	1.7000e-004	0.0000	2.6853
Total	**0.3822**	**0.0111**	**0.0192**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.6809**	**2.6809**	**1.7000e-004**	**0.0000**	**2.6853**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	4.0800e-003	1.0900e-003	1.0000e-005	5.1900e-003	1.0000e-005	5.2000e-003	5.7000e-004	1.0000e-005	5.8000e-004	0.0000	1.0877	1.0877	8.0000e-005	0.0000	1.0896
Worker	7.0000e-005	5.0000e-005	4.9000e-004	0.0000	3.8000e-003	0.0000	3.8100e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.1417	0.1417	0.0000	0.0000	0.1418
Total	**1.9000e-004**	**4.1300e-003**	**1.5800e-003**	**1.0000e-005**	**8.9900e-003**	**1.0000e-005**	**9.0100e-003**	**9.8000e-004**	**1.0000e-005**	**9.9000e-004**	**0.0000**	**1.2294**	**1.2294**	**8.0000e-005**	**0.0000**	**1.2314**

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	--

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**

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**

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**

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**

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**

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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

Consumer Products -

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

Area Mitigation - --

Energy Mitigation -

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

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					
2019	1.1800e-003	0.0105	8.5800e-003	1.0000e-005	0.0000	6.4000e-004	6.4000e-004	0.0000	6.1000e-004	6.1000e-004	0.0000	1.1755	1.1755	2.9000e-004	0.0000	1.1827
Maximum	**1.1800e-003**	**0.0105**	**8.5800e-003**	**1.0000e-005**	**0.0000**	**6.4000e-004**	**6.4000e-004**	**0.0000**	**6.1000e-004**	**6.1000e-004**	**0.0000**	**1.1755**	**1.1755**	**2.9000e-004**	**0.0000**	**1.1827**

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					
2019	1.1800e-003	0.0105	8.5800e-003	1.0000e-005	0.0000	6.4000e-004	6.4000e-004	0.0000	6.1000e-004	6.1000e-004	0.0000	1.1755	1.1755	2.9000e-004	0.0000	1.1827
Maximum	**1.1800e-003**	**0.0105**	**8.5800e-003**	**1.0000e-005**	**0.0000**	**6.4000e-004**	**6.4000e-004**	**0.0000**	**6.1000e-004**	**6.1000e-004**	**0.0000**	**1.1755**	**1.1755**	**2.9000e-004**	**0.0000**	**1.1827**

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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2019	9-30-2019	0.0167	0.0167
		Highest	0.0167	0.0167

2.2 Overall Operational