

Hansen Bros Grrenhorn Creek - Processing Only
Nevada County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Non-Asphalt Surfaces	0.00	Acre	0.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	80
Climate Zone	1			Operational Year	2017
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	445	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - PG&E's 2012 CO2 intensity factor of 445 used instead of 2008 default.

Land Use - Processing area is already developed, so no new acreage is assumed.

Construction Phase - Assumed 30-year lifespan per UP request.

Off-road Equipment - Processing equipment only.

Energy Use - N/A

Operational Off-Road Equipment - Processing equipment only.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	0.00	7,827.00
tblConstructionPhase	PhaseEndDate	5/31/2047	6/1/2047
tblOffRoadEquipment	HorsePower	85.00	174.00
tblOffRoadEquipment	LoadFactor	0.78	0.41
tblOffRoadEquipment	OffRoadEquipmentType	Graders	Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	6.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	11.00
tblOperationalOffRoadEquipment	OperHoursPerDay	8.00	11.00
tblOperationalOffRoadEquipment	OperLoadFactor	0.37	0.37
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	3.00
tblOperationalOffRoadEquipment	OperOffRoadEquipmentNumber	0.00	6.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	445
tblProjectCharacteristics	OperationalYear	2014	2017
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	WorkerTripNumber	25.00	23.00

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					
2017	0.4634	4.0157	3.2649	5.0400e-003	2.0964	0.2578	2.3542	0.2297	0.2430	0.4728	0.0000	445.9519	445.9519	0.0849	0.0000	447.7353

	ROG	NOx	CO	SO2	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					
2018	0.6954	6.0012	5.4911	8.6400e-003	2.1117	0.3709	2.4825	0.2338	0.3499	0.5837	0.0000	757.8337	757.8337	0.1430	0.0000	760.8364
2019	0.6271	5.3508	5.4236	8.6400e-003	2.1117	0.3190	2.4307	0.2338	0.3011	0.5349	0.0000	750.4274	750.4274	0.1409	0.0000	753.3869
2020	0.5780	4.8296	5.3990	8.6700e-003	2.1118	0.2793	2.3911	0.2338	0.2637	0.4975	0.0000	743.8960	743.8960	0.1401	0.0000	746.8380
2021	0.5256	4.2828	5.3377	8.6400e-003	2.1117	0.2387	2.3504	0.2338	0.2256	0.4593	0.0000	740.8104	740.8104	0.1383	0.0000	743.7154
2022	0.4740	3.7416	5.2750	8.6100e-003	2.1115	0.1985	2.3100	0.2338	0.1878	0.4215	0.0000	737.9043	737.9043	0.1366	0.0000	740.7735
2023	0.4382	3.3566	5.2550	8.6100e-003	2.1115	0.1695	2.2810	0.2338	0.1604	0.3942	0.0000	737.8546	737.8546	0.1355	0.0000	740.6992
2024	0.4172	3.1064	5.2920	8.6800e-003	2.1118	0.1495	2.2613	0.2338	0.1414	0.3752	0.0000	743.3900	743.3900	0.1353	0.0000	746.2310
2025	0.3853	2.7859	5.2600	8.6500e-003	2.1117	0.1241	2.2357	0.2338	0.1174	0.3512	0.0000	740.5521	740.5521	0.1342	0.0000	743.3705
2026	0.3850	2.7854	5.2556	8.6500e-003	2.1117	0.1241	2.2358	0.2338	0.1174	0.3512	0.0000	740.3068	740.3068	0.1342	0.0000	743.1247
2027	0.3848	2.7849	5.2518	8.6500e-003	2.1117	0.1241	2.2358	0.2338	0.1174	0.3512	0.0000	740.0943	740.0943	0.1342	0.0000	742.9116
2028	0.3831	2.7737	5.2280	8.6200e-003	2.1115	0.1236	2.2351	0.2338	0.1170	0.3507	0.0000	737.0761	737.0761	0.1336	0.0000	739.8821
2029	0.3843	2.7840	5.2448	8.6500e-003	2.1117	0.1241	2.2358	0.2338	0.1174	0.3512	0.0000	739.7543	739.7543	0.1341	0.0000	742.5706
2030	0.3627	1.6565	5.3499	9.5600e-003	2.1117	0.0439	2.1555	0.2338	0.0439	0.2776	0.0000	809.3242	809.3242	0.0293	0.0000	809.9391
2031	0.3625	1.6561	5.3475	9.5600e-003	2.1117	0.0439	2.1555	0.2338	0.0439	0.2776	0.0000	809.2143	809.2143	0.0293	0.0000	809.8289
2032	0.3637	1.6622	5.3660	9.5900e-003	2.1118	0.0440	2.1558	0.2338	0.0440	0.2778	0.0000	812.2234	812.2234	0.0294	0.0000	812.8399
2033	0.3607	1.6492	5.3234	9.5200e-003	2.1115	0.0437	2.1552	0.2338	0.0437	0.2774	0.0000	805.9483	805.9483	0.0291	0.0000	806.5599
2034	0.3605	1.6490	5.3219	9.5200e-003	2.1115	0.0437	2.1552	0.2338	0.0437	0.2774	0.0000	805.8858	805.8858	0.0291	0.0000	806.4971
2035	0.3329	1.3866	5.3383	9.5600e-003	2.1117	0.0277	2.1393	0.2338	0.0276	0.2614	0.0000	808.9328	808.9328	0.0269	0.0000	809.4981

	ROG	NOx	CO	SO2	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					
2036	0.3301	1.3837	5.2857	9.1700e-003	2.1068	0.0275	2.1343	0.2318	0.0275	0.2593	0.0000	788.1991	788.1991	0.0262	0.0000	788.7497
2037	0.3289	1.3784	5.2656	9.1400e-003	2.1066	0.0274	2.1340	0.2318	0.0274	0.2592	0.0000	785.1907	785.1907	0.0261	0.0000	785.7392
2038	0.3289	1.3784	5.2656	9.1400e-003	2.1066	0.0274	2.1340	0.2318	0.0274	0.2592	0.0000	785.1907	785.1907	0.0261	0.0000	785.7392
2039	0.3276	1.3731	5.2454	9.1000e-003	2.1065	0.0273	2.1338	0.2318	0.0273	0.2591	0.0000	782.1823	782.1823	0.0260	0.0000	782.7287
2040	0.3199	1.2817	5.2683	9.1400e-003	2.1066	0.0218	2.1285	0.2318	0.0218	0.2536	0.0000	785.1906	785.1906	0.0254	0.0000	785.7229
2041	0.3199	1.2817	5.2683	9.1400e-003	2.1066	0.0218	2.1285	0.2318	0.0218	0.2536	0.0000	785.1906	785.1906	0.0254	0.0000	785.7229
2042	0.3199	1.2817	5.2683	9.1400e-003	2.1066	0.0218	2.1285	0.2318	0.0218	0.2536	0.0000	785.1906	785.1906	0.0254	0.0000	785.7229
2043	0.3199	1.2817	5.2683	9.1400e-003	2.1066	0.0218	2.1285	0.2318	0.0218	0.2536	0.0000	785.1906	785.1906	0.0254	0.0000	785.7229
2044	0.3199	1.2817	5.2683	9.1400e-003	2.1066	0.0218	2.1285	0.2318	0.0218	0.2536	0.0000	785.1906	785.1906	0.0254	0.0000	785.7229
2045	0.3187	1.2768	5.2481	9.1000e-003	2.1065	0.0217	2.1283	0.2318	0.0217	0.2535	0.0000	782.1822	782.1822	0.0253	0.0000	782.7125
2046	0.3199	1.2817	5.2683	9.1400e-003	2.1066	0.0218	2.1285	0.2318	0.0218	0.2536	0.0000	785.1906	785.1906	0.0254	0.0000	785.7229
2047	0.1336	0.5353	2.2002	3.8200e-003	2.0883	9.1100e-003	2.0974	0.2273	9.1100e-003	0.2364	0.0000	327.9148	327.9148	0.0106	0.0000	328.1372
Total	11.9717	73.2737	159.1455	0.2704	65.3670	3.1214	68.4884	7.2148	2.9776	10.1925	0.0000	23,169.38 42	23,169.38 42	2.1904	0.0000	23,215.38 22

2.1 Overall Construction

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					
2017	0.4634	4.0157	3.2649	5.0400e-003	2.0964	0.2578	2.3542	0.2297	0.2430	0.4728	0.0000	445.9514	445.9514	0.0849	0.0000	447.7348
2018	0.6954	6.0012	5.4911	8.6400e-003	2.1117	0.3709	2.4825	0.2338	0.3499	0.5837	0.0000	757.8328	757.8328	0.1430	0.0000	760.8355
2019	0.6271	5.3508	5.4236	8.6400e-003	2.1117	0.3190	2.4307	0.2338	0.3011	0.5349	0.0000	750.4265	750.4265	0.1409	0.0000	753.3860
2020	0.5780	4.8296	5.3990	8.6700e-003	2.1118	0.2793	2.3911	0.2338	0.2637	0.4975	0.0000	743.8952	743.8952	0.1401	0.0000	746.8372
2021	0.5256	4.2828	5.3377	8.6400e-003	2.1117	0.2387	2.3504	0.2338	0.2256	0.4593	0.0000	740.8096	740.8096	0.1383	0.0000	743.7145
2022	0.4740	3.7416	5.2750	8.6100e-003	2.1115	0.1985	2.3100	0.2338	0.1878	0.4215	0.0000	737.9034	737.9034	0.1366	0.0000	740.7726
2023	0.4382	3.3566	5.2550	8.6100e-003	2.1115	0.1695	2.2810	0.2338	0.1604	0.3942	0.0000	737.8537	737.8537	0.1355	0.0000	740.6984
2024	0.4172	3.1063	5.2920	8.6800e-003	2.1118	0.1495	2.2613	0.2338	0.1414	0.3752	0.0000	743.3891	743.3891	0.1353	0.0000	746.2301
2025	0.3853	2.7859	5.2600	8.6500e-003	2.1117	0.1241	2.2357	0.2338	0.1174	0.3512	0.0000	740.5513	740.5513	0.1342	0.0000	743.3697
2026	0.3850	2.7853	5.2556	8.6500e-003	2.1117	0.1241	2.2358	0.2338	0.1174	0.3512	0.0000	740.3060	740.3060	0.1342	0.0000	743.1238
2027	0.3848	2.7849	5.2518	8.6500e-003	2.1117	0.1241	2.2358	0.2338	0.1174	0.3512	0.0000	740.0935	740.0935	0.1342	0.0000	742.9107
2028	0.3831	2.7737	5.2280	8.6200e-003	2.1115	0.1236	2.2351	0.2338	0.1170	0.3507	0.0000	737.0753	737.0753	0.1336	0.0000	739.8812
2029	0.3843	2.7840	5.2447	8.6500e-003	2.1117	0.1241	2.2358	0.2338	0.1174	0.3512	0.0000	739.7535	739.7535	0.1341	0.0000	742.5697
2030	0.3627	1.6565	5.3499	9.5600e-003	2.1117	0.0439	2.1555	0.2338	0.0439	0.2776	0.0000	809.3232	809.3232	0.0293	0.0000	809.9382
2031	0.3625	1.6561	5.3475	9.5600e-003	2.1117	0.0439	2.1555	0.2338	0.0439	0.2776	0.0000	809.2134	809.2134	0.0293	0.0000	809.8280
2032	0.3637	1.6622	5.3660	9.5900e-003	2.1118	0.0440	2.1558	0.2338	0.0440	0.2778	0.0000	812.2224	812.2224	0.0294	0.0000	812.8390
2033	0.3607	1.6492	5.3234	9.5200e-003	2.1115	0.0437	2.1552	0.2338	0.0437	0.2774	0.0000	805.9474	805.9474	0.0291	0.0000	806.5590
2034	0.3605	1.6490	5.3219	9.5200e-003	2.1115	0.0437	2.1552	0.2338	0.0437	0.2774	0.0000	805.8848	805.8848	0.0291	0.0000	806.4962

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
Offroad	0.7441	5.9125	4.9342	7.0800e-003		0.4515	0.4515		0.4319	0.4319	0.0000	631.6815	631.6815	0.1275	0.0000	634.3587
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	0.7441	5.9125	4.9342	7.0800e-003	0.0000	0.4515	0.4515	0.0000	0.4319	0.4319	0.0000	631.6815	631.6815	0.1275	0.0000	634.3587

2.2 Overall Operational

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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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
Offroad	0.7441	5.9125	4.9342	7.0800e-003		0.4515	0.4515		0.4319	0.4319	0.0000	631.6815	631.6815	0.1275	0.0000	634.3587
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	0.7441	5.9125	4.9342	7.0800e-003	0.0000	0.4515	0.4515	0.0000	0.4319	0.4319	0.0000	631.6815	631.6815	0.1275	0.0000	634.3587

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	100.00	100.00	100.00	100.00	0.00	100.00	100.00	0.00	100.00	100.00	0.00	100.00	100.00	100.00	0.00	100.00

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	6/1/2017	6/1/2047	5	7827	

Acres of Grading (Site Preparation Phase): 3913.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	174	0.41
Site Preparation	Crushing/Proc. Equipment	3	11.00	174	0.41
Site Preparation	Tractors/Loaders/Backhoes	6	11.00	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	10	23.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Site Preparation - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4556	4.0021	3.1451	4.7900e-003		0.2577	0.2577		0.2429	0.2429	0.0000	428.3517	428.3517	0.0840	0.0000	430.1150
Total	0.4556	4.0021	3.1451	4.7900e-003	2.0751	0.2577	2.3328	0.2241	0.2429	0.4670	0.0000	428.3517	428.3517	0.0840	0.0000	430.1150

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8100e-003	0.0136	0.1198	2.5000e-004	0.0213	1.6000e-004	0.0214	5.6600e-003	1.5000e-004	5.8100e-003	0.0000	17.6002	17.6002	9.6000e-004	0.0000	17.6203
Total	7.8100e-003	0.0136	0.1198	2.5000e-004	0.0213	1.6000e-004	0.0214	5.6600e-003	1.5000e-004	5.8100e-003	0.0000	17.6002	17.6002	9.6000e-004	0.0000	17.6203

3.2 Site Preparation - 2017

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4556	4.0021	3.1451	4.7900e-003		0.2577	0.2577		0.2429	0.2429	0.0000	428.3512	428.3512	0.0840	0.0000	430.1144
Total	0.4556	4.0021	3.1451	4.7900e-003	2.0751	0.2577	2.3328	0.2241	0.2429	0.4670	0.0000	428.3512	428.3512	0.0840	0.0000	430.1144

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.8100e-003	0.0136	0.1198	2.5000e-004	0.0213	1.6000e-004	0.0214	5.6600e-003	1.5000e-004	5.8100e-003	0.0000	17.6002	17.6002	9.6000e-004	0.0000	17.6203
Total	7.8100e-003	0.0136	0.1198	2.5000e-004	0.0213	1.6000e-004	0.0214	5.6600e-003	1.5000e-004	5.8100e-003	0.0000	17.6002	17.6002	9.6000e-004	0.0000	17.6203

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6843	5.9808	5.3153	8.2200e-003		0.3706	0.3706		0.3497	0.3497	0.0000	728.7679	728.7679	0.1415	0.0000	731.7397
Total	0.6843	5.9808	5.3153	8.2200e-003	2.0751	0.3706	2.4457	0.2241	0.3497	0.5737	0.0000	728.7679	728.7679	0.1415	0.0000	731.7397

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0111	0.0204	0.1758	4.2000e-004	0.0365	2.6000e-004	0.0368	9.7200e-003	2.4000e-004	9.9600e-003	0.0000	29.0658	29.0658	1.4700e-003	0.0000	29.0967
Total	0.0111	0.0204	0.1758	4.2000e-004	0.0365	2.6000e-004	0.0368	9.7200e-003	2.4000e-004	9.9600e-003	0.0000	29.0658	29.0658	1.4700e-003	0.0000	29.0967

3.2 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6843	5.9808	5.3153	8.2200e-003		0.3706	0.3706		0.3497	0.3497	0.0000	728.7670	728.7670	0.1415	0.0000	731.7389
Total	0.6843	5.9808	5.3153	8.2200e-003	2.0751	0.3706	2.4457	0.2241	0.3497	0.5737	0.0000	728.7670	728.7670	0.1415	0.0000	731.7389

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0111	0.0204	0.1758	4.2000e-004	0.0365	2.6000e-004	0.0368	9.7200e-003	2.4000e-004	9.9600e-003	0.0000	29.0658	29.0658	1.4700e-003	0.0000	29.0967
Total	0.0111	0.0204	0.1758	4.2000e-004	0.0365	2.6000e-004	0.0368	9.7200e-003	2.4000e-004	9.9600e-003	0.0000	29.0658	29.0658	1.4700e-003	0.0000	29.0967

3.2 Site Preparation - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6175	5.3326	5.2692	8.2200e-003		0.3188	0.3188		0.3009	0.3009	0.0000	722.4142	722.4142	0.1396	0.0000	725.3456
Total	0.6175	5.3326	5.2692	8.2200e-003	2.0751	0.3188	2.3939	0.2241	0.3009	0.5250	0.0000	722.4142	722.4142	0.1396	0.0000	725.3456

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	0.0182	0.1544	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	28.0131	28.0131	1.3400e-003	0.0000	28.0413
Total	9.6000e-003	0.0182	0.1544	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	28.0131	28.0131	1.3400e-003	0.0000	28.0413

3.2 Site Preparation - 2019**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6175	5.3326	5.2692	8.2200e-003		0.3188	0.3188		0.3009	0.3009	0.0000	722.4134	722.4134	0.1396	0.0000	725.3448
Total	0.6175	5.3326	5.2692	8.2200e-003	2.0751	0.3188	2.3939	0.2241	0.3009	0.5250	0.0000	722.4134	722.4134	0.1396	0.0000	725.3448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.6000e-003	0.0182	0.1544	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	28.0131	28.0131	1.3400e-003	0.0000	28.0413
Total	9.6000e-003	0.0182	0.1544	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	28.0131	28.0131	1.3400e-003	0.0000	28.0413

3.2 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					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5694	4.8131	5.2595	8.2500e-003		0.2790	0.2790		0.2635	0.2635	0.0000	716.8962	716.8962	0.1388	0.0000	719.8119
Total	0.5694	4.8131	5.2595	8.2500e-003	2.0751	0.2790	2.3542	0.2241	0.2635	0.4875	0.0000	716.8962	716.8962	0.1388	0.0000	719.8119

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6200e-003	0.0166	0.1396	4.2000e-004	0.0367	2.5000e-004	0.0369	9.7600e-003	2.3000e-004	9.9800e-003	0.0000	26.9998	26.9998	1.2500e-003	0.0000	27.0261
Total	8.6200e-003	0.0166	0.1396	4.2000e-004	0.0367	2.5000e-004	0.0369	9.7600e-003	2.3000e-004	9.9800e-003	0.0000	26.9998	26.9998	1.2500e-003	0.0000	27.0261

3.2 Site Preparation - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5694	4.8131	5.2595	8.2500e-003		0.2790	0.2790		0.2635	0.2635	0.0000	716.8953	716.8953	0.1388	0.0000	719.8111
Total	0.5694	4.8131	5.2595	8.2500e-003	2.0751	0.2790	2.3542	0.2241	0.2635	0.4875	0.0000	716.8953	716.8953	0.1388	0.0000	719.8111

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6200e-003	0.0166	0.1396	4.2000e-004	0.0367	2.5000e-004	0.0369	9.7600e-003	2.3000e-004	9.9800e-003	0.0000	26.9998	26.9998	1.2500e-003	0.0000	27.0261
Total	8.6200e-003	0.0166	0.1396	4.2000e-004	0.0367	2.5000e-004	0.0369	9.7600e-003	2.3000e-004	9.9800e-003	0.0000	26.9998	26.9998	1.2500e-003	0.0000	27.0261

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					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5176	4.2676	5.2089	8.2200e-003		0.2385	0.2385		0.2253	0.2253	0.0000	714.3612	714.3612	0.1372	0.0000	717.2414
Total	0.5176	4.2676	5.2089	8.2200e-003	2.0751	0.2385	2.3136	0.2241	0.2253	0.4494	0.0000	714.3612	714.3612	0.1372	0.0000	717.2414

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9800e-003	0.0153	0.1288	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.3000e-004	9.9400e-003	0.0000	26.4492	26.4492	1.1800e-003	0.0000	26.4740
Total	7.9800e-003	0.0153	0.1288	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.3000e-004	9.9400e-003	0.0000	26.4492	26.4492	1.1800e-003	0.0000	26.4740

3.2 Site Preparation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5176	4.2676	5.2089	8.2200e-003		0.2385	0.2385		0.2253	0.2253	0.0000	714.3604	714.3604	0.1372	0.0000	717.2406
Total	0.5176	4.2676	5.2089	8.2200e-003	2.0751	0.2385	2.3136	0.2241	0.2253	0.4494	0.0000	714.3604	714.3604	0.1372	0.0000	717.2406

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.9800e-003	0.0153	0.1288	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.3000e-004	9.9400e-003	0.0000	26.4492	26.4492	1.1800e-003	0.0000	26.4740
Total	7.9800e-003	0.0153	0.1288	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.3000e-004	9.9400e-003	0.0000	26.4492	26.4492	1.1800e-003	0.0000	26.4740

3.2 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4666	3.7275	5.1556	8.1900e-003		0.1983	0.1983		0.1875	0.1875	0.0000	711.9595	711.9595	0.1355	0.0000	714.8052
Total	0.4666	3.7275	5.1556	8.1900e-003	2.0751	0.1983	2.2734	0.2241	0.1875	0.4116	0.0000	711.9595	711.9595	0.1355	0.0000	714.8052

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4300e-003	0.0142	0.1194	4.2000e-004	0.0364	2.4000e-004	0.0366	9.6800e-003	2.2000e-004	9.9000e-003	0.0000	25.9448	25.9448	1.1200e-003	0.0000	25.9683
Total	7.4300e-003	0.0142	0.1194	4.2000e-004	0.0364	2.4000e-004	0.0366	9.6800e-003	2.2000e-004	9.9000e-003	0.0000	25.9448	25.9448	1.1200e-003	0.0000	25.9683

3.2 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4666	3.7275	5.1556	8.1900e-003		0.1983	0.1983		0.1875	0.1875	0.0000	711.9586	711.9586	0.1355	0.0000	714.8043
Total	0.4666	3.7275	5.1556	8.1900e-003	2.0751	0.1983	2.2734	0.2241	0.1875	0.4116	0.0000	711.9586	711.9586	0.1355	0.0000	714.8043

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.4300e-003	0.0142	0.1194	4.2000e-004	0.0364	2.4000e-004	0.0366	9.6800e-003	2.2000e-004	9.9000e-003	0.0000	25.9448	25.9448	1.1200e-003	0.0000	25.9683
Total	7.4300e-003	0.0142	0.1194	4.2000e-004	0.0364	2.4000e-004	0.0366	9.6800e-003	2.2000e-004	9.9000e-003	0.0000	25.9448	25.9448	1.1200e-003	0.0000	25.9683

3.2 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					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4312	3.3433	5.1435	8.2000e-003		0.1693	0.1693		0.1602	0.1602	0.0000	712.2726	712.2726	0.1344	0.0000	715.0947
Total	0.4312	3.3433	5.1435	8.2000e-003	2.0751	0.1693	2.2444	0.2241	0.1602	0.3843	0.0000	712.2726	712.2726	0.1344	0.0000	715.0947

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9600e-003	0.0133	0.1115	4.2000e-004	0.0364	2.4000e-004	0.0366	9.6800e-003	2.2000e-004	9.9000e-003	0.0000	25.5820	25.5820	1.0700e-003	0.0000	25.6045
Total	6.9600e-003	0.0133	0.1115	4.2000e-004	0.0364	2.4000e-004	0.0366	9.6800e-003	2.2000e-004	9.9000e-003	0.0000	25.5820	25.5820	1.0700e-003	0.0000	25.6045

3.2 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4312	3.3433	5.1435	8.2000e-003		0.1693	0.1693		0.1602	0.1602	0.0000	712.2717	712.2717	0.1344	0.0000	715.0938
Total	0.4312	3.3433	5.1435	8.2000e-003	2.0751	0.1693	2.2444	0.2241	0.1602	0.3843	0.0000	712.2717	712.2717	0.1344	0.0000	715.0938

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9600e-003	0.0133	0.1115	4.2000e-004	0.0364	2.4000e-004	0.0366	9.6800e-003	2.2000e-004	9.9000e-003	0.0000	25.5820	25.5820	1.0700e-003	0.0000	25.6045
Total	6.9600e-003	0.0133	0.1115	4.2000e-004	0.0364	2.4000e-004	0.0366	9.6800e-003	2.2000e-004	9.9000e-003	0.0000	25.5820	25.5820	1.0700e-003	0.0000	25.6045

3.2 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					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4107	3.0938	5.1868	8.2600e-003		0.1492	0.1492		0.1412	0.1412	0.0000	717.9431	717.9431	0.1343	0.0000	720.7624
Total	0.4107	3.0938	5.1868	8.2600e-003	2.0751	0.1492	2.2244	0.2241	0.1412	0.3652	0.0000	717.9431	717.9431	0.1343	0.0000	720.7624

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5700e-003	0.0125	0.1052	4.2000e-004	0.0367	2.4000e-004	0.0369	9.7600e-003	2.2000e-004	9.9800e-003	0.0000	25.4469	25.4469	1.0300e-003	0.0000	25.4686
Total	6.5700e-003	0.0125	0.1052	4.2000e-004	0.0367	2.4000e-004	0.0369	9.7600e-003	2.2000e-004	9.9800e-003	0.0000	25.4469	25.4469	1.0300e-003	0.0000	25.4686

3.2 Site Preparation - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4107	3.0938	5.1868	8.2600e-003		0.1492	0.1492		0.1412	0.1412	0.0000	717.9423	717.9423	0.1343	0.0000	720.7615
Total	0.4107	3.0938	5.1868	8.2600e-003	2.0751	0.1492	2.2244	0.2241	0.1412	0.3652	0.0000	717.9423	717.9423	0.1343	0.0000	720.7615

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5700e-003	0.0125	0.1052	4.2000e-004	0.0367	2.4000e-004	0.0369	9.7600e-003	2.2000e-004	9.9800e-003	0.0000	25.4469	25.4469	1.0300e-003	0.0000	25.4686
Total	6.5700e-003	0.0125	0.1052	4.2000e-004	0.0367	2.4000e-004	0.0369	9.7600e-003	2.2000e-004	9.9800e-003	0.0000	25.4469	25.4469	1.0300e-003	0.0000	25.4686

3.2 Site Preparation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3791	2.7741	5.1602	8.2300e-003		0.1239	0.1239		0.1172	0.1172	0.0000	715.4870	715.4870	0.1332	0.0000	718.2845
Total	0.3791	2.7741	5.1602	8.2300e-003	2.0751	0.1239	2.1990	0.2241	0.1172	0.3413	0.0000	715.4870	715.4870	0.1332	0.0000	718.2845

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2200e-003	0.0118	0.0997	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.2000e-004	9.9400e-003	0.0000	25.0651	25.0651	1.0000e-003	0.0000	25.0860
Total	6.2200e-003	0.0118	0.0997	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.2000e-004	9.9400e-003	0.0000	25.0651	25.0651	1.0000e-003	0.0000	25.0860

3.2 Site Preparation - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3791	2.7741	5.1602	8.2300e-003		0.1239	0.1239		0.1172	0.1172	0.0000	715.4862	715.4862	0.1332	0.0000	718.2837
Total	0.3791	2.7741	5.1602	8.2300e-003	2.0751	0.1239	2.1990	0.2241	0.1172	0.3413	0.0000	715.4862	715.4862	0.1332	0.0000	718.2837

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.2200e-003	0.0118	0.0997	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.2000e-004	9.9400e-003	0.0000	25.0651	25.0651	1.0000e-003	0.0000	25.0860
Total	6.2200e-003	0.0118	0.0997	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.2000e-004	9.9400e-003	0.0000	25.0651	25.0651	1.0000e-003	0.0000	25.0860

3.2 Site Preparation - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3791	2.7741	5.1602	8.2300e-003		0.1239	0.1239		0.1172	0.1172	0.0000	715.4870	715.4870	0.1332	0.0000	718.2845
Total	0.3791	2.7741	5.1602	8.2300e-003	2.0751	0.1239	2.1990	0.2241	0.1172	0.3413	0.0000	715.4870	715.4870	0.1332	0.0000	718.2845

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9300e-003	0.0113	0.0954	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.3000e-004	9.9400e-003	0.0000	24.8198	24.8198	9.7000e-004	0.0000	24.8401
Total	5.9300e-003	0.0113	0.0954	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.3000e-004	9.9400e-003	0.0000	24.8198	24.8198	9.7000e-004	0.0000	24.8401

3.2 Site Preparation - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3791	2.7741	5.1602	8.2300e-003		0.1239	0.1239		0.1172	0.1172	0.0000	715.4862	715.4862	0.1332	0.0000	718.2837
Total	0.3791	2.7741	5.1602	8.2300e-003	2.0751	0.1239	2.1990	0.2241	0.1172	0.3413	0.0000	715.4862	715.4862	0.1332	0.0000	718.2837

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9300e-003	0.0113	0.0954	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.3000e-004	9.9400e-003	0.0000	24.8198	24.8198	9.7000e-004	0.0000	24.8401
Total	5.9300e-003	0.0113	0.0954	4.2000e-004	0.0365	2.4000e-004	0.0368	9.7200e-003	2.3000e-004	9.9400e-003	0.0000	24.8198	24.8198	9.7000e-004	0.0000	24.8401

3.2 Site Preparation - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3791	2.7741	5.1602	8.2300e-003		0.1239	0.1239		0.1172	0.1172	0.0000	715.4870	715.4870	0.1332	0.0000	718.2845
Total	0.3791	2.7741	5.1602	8.2300e-003	2.0751	0.1239	2.1990	0.2241	0.1172	0.3413	0.0000	715.4870	715.4870	0.1332	0.0000	718.2845

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6700e-003	0.0108	0.0915	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.6073	24.6073	9.4000e-004	0.0000	24.6271
Total	5.6700e-003	0.0108	0.0915	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.6073	24.6073	9.4000e-004	0.0000	24.6271

3.2 Site Preparation - 2027

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3791	2.7741	5.1602	8.2300e-003		0.1239	0.1239		0.1172	0.1172	0.0000	715.4862	715.4862	0.1332	0.0000	718.2837
Total	0.3791	2.7741	5.1602	8.2300e-003	2.0751	0.1239	2.1990	0.2241	0.1172	0.3413	0.0000	715.4862	715.4862	0.1332	0.0000	718.2837

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6700e-003	0.0108	0.0915	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.6073	24.6073	9.4000e-004	0.0000	24.6271
Total	5.6700e-003	0.0108	0.0915	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.6073	24.6073	9.4000e-004	0.0000	24.6271

3.2 Site Preparation - 2028

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3777	2.7634	5.1405	8.2000e-003		0.1234	0.1234		0.1168	0.1168	0.0000	712.7457	712.7457	0.1327	0.0000	715.5325
Total	0.3777	2.7634	5.1405	8.2000e-003	2.0751	0.1234	2.1985	0.2241	0.1168	0.3408	0.0000	712.7457	712.7457	0.1327	0.0000	715.5325

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3900e-003	0.0103	0.0876	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	24.3304	24.3304	9.1000e-004	0.0000	24.3496
Total	5.3900e-003	0.0103	0.0876	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	24.3304	24.3304	9.1000e-004	0.0000	24.3496

3.2 Site Preparation - 2028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3777	2.7634	5.1405	8.2000e-003		0.1234	0.1234		0.1168	0.1168	0.0000	712.7448	712.7448	0.1327	0.0000	715.5316
Total	0.3777	2.7634	5.1405	8.2000e-003	2.0751	0.1234	2.1985	0.2241	0.1168	0.3408	0.0000	712.7448	712.7448	0.1327	0.0000	715.5316

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3900e-003	0.0103	0.0876	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	24.3304	24.3304	9.1000e-004	0.0000	24.3496
Total	5.3900e-003	0.0103	0.0876	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	24.3304	24.3304	9.1000e-004	0.0000	24.3496

3.2 Site Preparation - 2029

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3791	2.7741	5.1602	8.2300e-003		0.1239	0.1239		0.1172	0.1172	0.0000	715.4870	715.4870	0.1332	0.0000	718.2845
Total	0.3791	2.7741	5.1602	8.2300e-003	2.0751	0.1239	2.1990	0.2241	0.1172	0.3413	0.0000	715.4870	715.4870	0.1332	0.0000	718.2845

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1700e-003	9.9100e-003	0.0845	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.2673	24.2673	8.9000e-004	0.0000	24.2861
Total	5.1700e-003	9.9100e-003	0.0845	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.2673	24.2673	8.9000e-004	0.0000	24.2861

3.2 Site Preparation - 2029

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3791	2.7741	5.1602	8.2300e-003		0.1239	0.1239		0.1172	0.1172	0.0000	715.4862	715.4862	0.1332	0.0000	718.2837
Total	0.3791	2.7741	5.1602	8.2300e-003	2.0751	0.1239	2.1990	0.2241	0.1172	0.3413	0.0000	715.4862	715.4862	0.1332	0.0000	718.2837

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1700e-003	9.9100e-003	0.0845	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.2673	24.2673	8.9000e-004	0.0000	24.2861
Total	5.1700e-003	9.9100e-003	0.0845	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.2673	24.2673	8.9000e-004	0.0000	24.2861

3.2 Site Preparation - 2030

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3577	1.6470	5.2683	9.1400e-003		0.0436	0.0436		0.0436	0.0436	0.0000	785.1907	785.1907	0.0284	0.0000	785.7874
Total	0.3577	1.6470	5.2683	9.1400e-003	2.0751	0.0436	2.1188	0.2241	0.0436	0.2677	0.0000	785.1907	785.1907	0.0284	0.0000	785.7874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9500e-003	9.5100e-003	0.0817	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.1334	24.1334	8.7000e-004	0.0000	24.1517
Total	4.9500e-003	9.5100e-003	0.0817	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.1334	24.1334	8.7000e-004	0.0000	24.1517

3.2 Site Preparation - 2030

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3577	1.6470	5.2683	9.1400e-003		0.0436	0.0436		0.0436	0.0436	0.0000	785.1898	785.1898	0.0284	0.0000	785.7864
Total	0.3577	1.6470	5.2683	9.1400e-003	2.0751	0.0436	2.1188	0.2241	0.0436	0.2677	0.0000	785.1898	785.1898	0.0284	0.0000	785.7864

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.9500e-003	9.5100e-003	0.0817	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.1334	24.1334	8.7000e-004	0.0000	24.1517
Total	4.9500e-003	9.5100e-003	0.0817	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.1334	24.1334	8.7000e-004	0.0000	24.1517

3.2 Site Preparation - 2031

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3577	1.6470	5.2683	9.1400e-003		0.0436	0.0436		0.0436	0.0436	0.0000	785.1907	785.1907	0.0284	0.0000	785.7874
Total	0.3577	1.6470	5.2683	9.1400e-003	2.0751	0.0436	2.1188	0.2241	0.0436	0.2677	0.0000	785.1907	785.1907	0.0284	0.0000	785.7874

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7400e-003	9.1500e-003	0.0792	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.0236	24.0236	8.5000e-004	0.0000	24.0415
Total	4.7400e-003	9.1500e-003	0.0792	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.0236	24.0236	8.5000e-004	0.0000	24.0415

3.2 Site Preparation - 2031

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3577	1.6470	5.2683	9.1400e-003		0.0436	0.0436		0.0436	0.0436	0.0000	785.1898	785.1898	0.0284	0.0000	785.7864
Total	0.3577	1.6470	5.2683	9.1400e-003	2.0751	0.0436	2.1188	0.2241	0.0436	0.2677	0.0000	785.1898	785.1898	0.0284	0.0000	785.7864

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7400e-003	9.1500e-003	0.0792	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.0236	24.0236	8.5000e-004	0.0000	24.0415
Total	4.7400e-003	9.1500e-003	0.0792	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	24.0236	24.0236	8.5000e-004	0.0000	24.0415

3.2 Site Preparation - 2032

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3591	1.6533	5.2885	9.1700e-003		0.0438	0.0438		0.0438	0.0438	0.0000	788.1991	788.1991	0.0285	0.0000	788.7981
Total	0.3591	1.6533	5.2885	9.1700e-003	2.0751	0.0438	2.1189	0.2241	0.0438	0.2679	0.0000	788.1991	788.1991	0.0285	0.0000	788.7981

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5700e-003	8.8900e-003	0.0775	4.2000e-004	0.0367	2.5000e-004	0.0369	9.7600e-003	2.3000e-004	9.9900e-003	0.0000	24.0242	24.0242	8.4000e-004	0.0000	24.0419
Total	4.5700e-003	8.8900e-003	0.0775	4.2000e-004	0.0367	2.5000e-004	0.0369	9.7600e-003	2.3000e-004	9.9900e-003	0.0000	24.0242	24.0242	8.4000e-004	0.0000	24.0419

3.2 Site Preparation - 2032

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3591	1.6533	5.2885	9.1700e-003		0.0438	0.0438		0.0438	0.0438	0.0000	788.1982	788.1982	0.0285	0.0000	788.7971
Total	0.3591	1.6533	5.2885	9.1700e-003	2.0751	0.0438	2.1189	0.2241	0.0438	0.2679	0.0000	788.1982	788.1982	0.0285	0.0000	788.7971

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5700e-003	8.8900e-003	0.0775	4.2000e-004	0.0367	2.5000e-004	0.0369	9.7600e-003	2.3000e-004	9.9900e-003	0.0000	24.0242	24.0242	8.4000e-004	0.0000	24.0419
Total	4.5700e-003	8.8900e-003	0.0775	4.2000e-004	0.0367	2.5000e-004	0.0369	9.7600e-003	2.3000e-004	9.9900e-003	0.0000	24.0242	24.0242	8.4000e-004	0.0000	24.0419

3.2 Site Preparation - 2033

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3563	1.6407	5.2481	9.1000e-003		0.0435	0.0435		0.0435	0.0435	0.0000	782.1823	782.1823	0.0283	0.0000	782.7767
Total	0.3563	1.6407	5.2481	9.1000e-003	2.0751	0.0435	2.1186	0.2241	0.0435	0.2675	0.0000	782.1823	782.1823	0.0283	0.0000	782.7767

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3600e-003	8.5800e-003	0.0753	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	23.7660	23.7660	8.2000e-004	0.0000	23.7832
Total	4.3600e-003	8.5800e-003	0.0753	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	23.7660	23.7660	8.2000e-004	0.0000	23.7832

3.2 Site Preparation - 2033

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3563	1.6407	5.2481	9.1000e-003		0.0435	0.0435		0.0435	0.0435	0.0000	782.1814	782.1814	0.0283	0.0000	782.7758
Total	0.3563	1.6407	5.2481	9.1000e-003	2.0751	0.0435	2.1186	0.2241	0.0435	0.2675	0.0000	782.1814	782.1814	0.0283	0.0000	782.7758

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.3600e-003	8.5800e-003	0.0753	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	23.7660	23.7660	8.2000e-004	0.0000	23.7832
Total	4.3600e-003	8.5800e-003	0.0753	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	23.7660	23.7660	8.2000e-004	0.0000	23.7832

3.2 Site Preparation - 2034

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3563	1.6407	5.2481	9.1000e-003		0.0435	0.0435		0.0435	0.0435	0.0000	782.1823	782.1823	0.0283	0.0000	782.7767
Total	0.3563	1.6407	5.2481	9.1000e-003	2.0751	0.0435	2.1186	0.2241	0.0435	0.2675	0.0000	782.1823	782.1823	0.0283	0.0000	782.7767

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-003	8.3700e-003	0.0738	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	23.7034	23.7034	8.1000e-004	0.0000	23.7204
Total	4.2000e-003	8.3700e-003	0.0738	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	23.7034	23.7034	8.1000e-004	0.0000	23.7204

3.2 Site Preparation - 2034

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3563	1.6407	5.2481	9.1000e-003		0.0435	0.0435		0.0435	0.0435	0.0000	782.1814	782.1814	0.0283	0.0000	782.7758
Total	0.3563	1.6407	5.2481	9.1000e-003	2.0751	0.0435	2.1186	0.2241	0.0435	0.2675	0.0000	782.1814	782.1814	0.0283	0.0000	782.7758

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-003	8.3700e-003	0.0738	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	23.7034	23.7034	8.1000e-004	0.0000	23.7204
Total	4.2000e-003	8.3700e-003	0.0738	4.2000e-004	0.0364	2.5000e-004	0.0366	9.6800e-003	2.3000e-004	9.9100e-003	0.0000	23.7034	23.7034	8.1000e-004	0.0000	23.7204

3.2 Site Preparation - 2035

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3289	1.3784	5.2656	9.1400e-003		0.0274	0.0274		0.0274	0.0274	0.0000	785.1907	785.1907	0.0261	0.0000	785.7392
Total	0.3289	1.3784	5.2656	9.1400e-003	2.0751	0.0274	2.1025	0.2241	0.0274	0.2515	0.0000	785.1907	785.1907	0.0261	0.0000	785.7392

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0700e-003	8.2400e-003	0.0727	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	23.7421	23.7421	8.0000e-004	0.0000	23.7589
Total	4.0700e-003	8.2400e-003	0.0727	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	23.7421	23.7421	8.0000e-004	0.0000	23.7589

3.2 Site Preparation - 2035

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3289	1.3784	5.2656	9.1400e-003		0.0274	0.0274		0.0274	0.0274	0.0000	785.1898	785.1898	0.0261	0.0000	785.7383
Total	0.3289	1.3784	5.2656	9.1400e-003	2.0751	0.0274	2.1025	0.2241	0.0274	0.2515	0.0000	785.1898	785.1898	0.0261	0.0000	785.7383

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.0700e-003	8.2400e-003	0.0727	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	23.7421	23.7421	8.0000e-004	0.0000	23.7589
Total	4.0700e-003	8.2400e-003	0.0727	4.2000e-004	0.0365	2.5000e-004	0.0368	9.7200e-003	2.3000e-004	9.9500e-003	0.0000	23.7421	23.7421	8.0000e-004	0.0000	23.7589

3.2 Site Preparation - 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					2.0751	0.0000	2.0751	0.2241	0.0000	0.2241	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1336	0.5353	2.2002	3.8200e-003		9.1100e-003	9.1100e-003		9.1100e-003	9.1100e-003	0.0000	327.9145	327.9145	0.0106	0.0000	328.1368
Total	0.1336	0.5353	2.2002	3.8200e-003	2.0751	9.1100e-003	2.0842	0.2241	9.1100e-003	0.2332	0.0000	327.9145	327.9145	0.0106	0.0000	328.1368

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker					0.0132	0.0000	0.0132	3.2300e-003	0.0000	3.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total					0.0132	0.0000	0.0132	3.2300e-003	0.0000	3.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

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

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Non-Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.337820	0.056076	0.256151	0.152996	0.080408	0.009485	0.017247	0.072643	0.001649	0.000536	0.009372	0.000610	0.005006

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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
Landscaping	0.0000	0.0000	0.0000	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

	ROG	NOx	CO	SO2	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
Landscaping	0.0000	0.0000	0.0000	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

7.0 Water Detail

7.1 Mitigation Measures Water

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

7.2 Water by Land Use

Unmitigated

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

7.2 Water by Land Use

Mitigated

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

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

8.2 Waste by Land Use

Unmitigated

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

Mitigated

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

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
Crushing/Proc. Equipment	3	11.00	260	85	0.78	Diesel
Tractors/Loaders/Backhoes	6	11.00	260	97	0.37	Diesel

UnMitigated/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
Equipment Type	tons/yr										MT/yr					
Tractors/Loaders/Backhoes	0.3384	3.2513	2.5570	3.3200e-003		0.2445	0.2445		0.2250	0.2250	0.0000	308.4023	308.4023	0.0945	0.0000	310.3867
Crushing/Proc. Equipment	0.4057	2.6612	2.3772	3.7600e-003		0.2069	0.2069		0.2069	0.2069	0.0000	323.2792	323.2792	0.0330	0.0000	323.9720
Total	0.7441	5.9125	4.9342	7.0800e-003		0.4515	0.4515		0.4319	0.4319	0.0000	631.6815	631.6815	0.1275	0.0000	634.3587

10.0 Vegetation
