

APPENDIX A
AIR QUALITY SPREADSHEETS

Taylor Yard River Park
South Coast Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	42.00	Acre	42.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	12			Operational Year	2021
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - The proposed project would not include building construction

Construction Phase - Estimated Phase 1 and Phase 2 construction schedule

Off-road Equipment - Construction equipment consistent with the project description

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Trips and VMT - Assumes 15 construction workers per day

Haul trips based on a truck capacity of 20 cubic yards

Assumes a total of 8,000 cubic yards for demolition, 171,000 cubic yards for remediation, and 19,000 cubic yards for remediation - class 1 soil

Grading -

Vehicle Trips - Trip rates consistent with the traffic analysis (KOA 2014)

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	740.00	523.00
tblConstructionPhase	NumDays	50.00	130.00
tblConstructionPhase	NumDays	75.00	260.00
tblConstructionPhase	NumDays	55.00	20.00
tblConstructionPhase	NumDays	30.00	260.00
tblConstructionPhase	PhaseEndDate	7/1/2020	12/31/2020
tblConstructionPhase	PhaseEndDate	6/28/2019	6/30/2018
tblConstructionPhase	PhaseEndDate	1/28/2021	2/28/2019
tblConstructionPhase	PhaseEndDate	6/29/2018	6/30/2018
tblConstructionPhase	PhaseStartDate	7/1/2018	1/1/2019
tblConstructionPhase	PhaseStartDate	7/1/2018	7/1/2017
tblConstructionPhase	PhaseStartDate	1/1/2021	2/1/2019
tblGrading	MaterialExported	0.00	76,000.00

tblGrading	MaterialExported	0.00	19,000.00
tblGrading	MaterialImported	0.00	95,000.00
tblLandUse	LandUseSquareFeet	1,829,520.00	0.00
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentType		Plate Compactors
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Park Construction
tblOffRoadEquipment	PhaseName		Remediation
tblOffRoadEquipment	PhaseName		Remediation
tblOffRoadEquipment	PhaseName		Remediation
tblOffRoadEquipment	PhaseName		Remediation
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	OperationalYear	2014	2021
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	130.00
tblTripsAndVMT	HaulingTripNumber	791.00	4.00
tblTripsAndVMT	HaulingTripNumber	0.00	72.00
tblTripsAndVMT	HaulingTripNumber	0.00	8.00

tblTripsAndVMT	VendorTripNumber	300.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	30.00
tblTripsAndVMT	WorkerTripNumber	3.00	30.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	768.00	30.00
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	SU_TR	1.59	5.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2017	2.9909	31.8013	20.8395	0.0399	1.6530	1.5640	3.2170	0.2885	1.4389	1.7274	0.0000	3,987.1215	3,987.1215	1.1324	0.0000	4,010.9012
2018	2.3077	23.9226	16.5919	0.0355	0.4368	1.1329	1.5697	0.1064	1.0431	1.1494	0.0000	3,463.5574	3,463.5574	0.9706	0.0000	3,483.9397
2019	1.3311	12.7035	14.6938	0.0249	0.4248	0.6966	1.1214	0.1127	0.6409	0.7536	0.0000	2,338.7899	2,338.7899	0.6311	0.0000	2,352.0438
2020	0.5480	4.6877	7.0011	0.0126	0.3353	0.2555	0.5908	0.0889	0.2351	0.3240	0.0000	1,118.5995	1,118.5995	0.2770	0.0000	1,124.4167
Total	7.1777	73.1151	59.1264	0.1130	2.8499	3.6491	6.4990	0.5965	3.3580	3.9545	0.0000	10,908.0682	10,908.0682	3.0111	0.0000	10,971.3014

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	11.6166	4.0000e-005	4.3000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1900e-003	9.1900e-003	2.0000e-005		9.7000e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.5602	1.3473	5.9559	0.0193	1.2819	0.0245	1.3065	0.3426	0.0226	0.3652		1,475.1663	1,475.1663	0.0495		1,476.2055
Total	12.1768	1.3473	5.9602	0.0193	1.2819	0.0246	1.3065	0.3426	0.0227	0.3652		1,475.1755	1,475.1755	0.0495	0.0000	1,476.2152

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	11.6166	4.0000e-005	4.3000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1900e-003	9.1900e-003	2.0000e-005		9.7000e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.5602	1.3473	5.9559	0.0193	1.2819	0.0245	1.3065	0.3426	0.0226	0.3652		1,475.1663	1,475.1663	0.0495		1,476.2055
Total	12.1768	1.3473	5.9602	0.0193	1.2819	0.0246	1.3065	0.3426	0.0227	0.3652		1,475.1755	1,475.1755	0.0495	0.0000	1,476.2152

	ROG	NOx	CO	SO2	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	0.00	0.00	0.00	0.00	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	Demolition	Demolition	1/1/2017	6/30/2017	5	130	
2	Remediation	Site Preparation	7/1/2017	6/30/2018	5	260	
3	Remediation - Class I Soil	Grading	7/1/2017	6/30/2018	5	260	
4	Park Construction	Building Construction	1/1/2019	12/31/2020	5	523	
5	Paving	Paving	2/1/2019	2/28/2019	5	20	

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 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Cranes	1	8.00	226	0.29
Demolition	Excavators	2	8.00	162	0.38
Demolition	Off-Highway Trucks	1	8.00	400	0.38
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Remediation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Remediation - Class I Soil	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Park Construction	Excavators	1	8.00	162	0.38
Park Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Pavers	1	8.00	125	0.42
Paving	Paving Equipment	1	8.00	130	0.36
Paving	Rollers	1	8.00	80	0.38
Remediation	Cranes	1	8.00	226	0.29
Remediation	Excavators	1	8.00	162	0.38
Remediation	Off-Highway Trucks	1	8.00	400	0.38
Remediation	Plate Compactors	1	8.00	8	0.43

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
Demolition	6	30.00	0.00	4.00	14.70	6.90	30.00	LD_Mix	HDT_Mix	HHDT
Remediation	1	30.00	0.00	72.00	14.70	6.90	30.00	LD_Mix	HDT_Mix	HHDT
Remediation - Class I Soil	5	0.00	0.00	8.00	14.70	6.90	130.00	LD_Mix	HDT_Mix	HHDT
Park Construction	2	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	3	8.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					1.3169	0.0000	1.3169	0.1994	0.0000	0.1994			0.0000			0.0000
Off-Road	2.8780	31.6488	19.0715	0.0356		1.5611	1.5611		1.4363	1.4363		3,640.5539	3,640.5539	1.1155		3,663.9785
Total	2.8780	31.6488	19.0715	0.0356	1.3169	1.5611	2.8780	0.1994	1.4363	1.6356		3,640.5539	3,640.5539	1.1155		3,663.9785

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.7000e-004	0.0114	6.9300e-003	3.0000e-005	8.0000e-004	1.8000e-004	9.8000e-004	2.2000e-004	1.7000e-004	3.9000e-004		3.3504	3.3504	2.0000e-005		3.3509
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1123	0.1411	1.7611	4.2500e-003	0.3353	2.7000e-003	0.3380	0.0889	2.4900e-003	0.0914		343.2173	343.2173	0.0169		343.5718
Total	0.1130	0.1525	1.7680	4.2800e-003	0.3361	2.8800e-003	0.3390	0.0892	2.6600e-003	0.0918		346.5676	346.5676	0.0169		346.9227

3.2 Demolition - 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	lb/day										lb/day					
Fugitive Dust					0.5926	0.0000	0.5926	0.0897	0.0000	0.0897			0.0000			0.0000
Off-Road	2.8780	31.6488	19.0715	0.0356		1.5611	1.5611		1.4363	1.4363	0.0000	3,640.5539	3,640.5539	1.1155		3,663.9785
Total	2.8780	31.6488	19.0715	0.0356	0.5926	1.5611	2.1537	0.0897	1.4363	1.5260	0.0000	3,640.5539	3,640.5539	1.1155		3,663.9785

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.7000e-004	0.0114	6.9300e-003	3.0000e-005	8.0000e-004	1.8000e-004	9.8000e-004	2.2000e-004	1.7000e-004	3.9000e-004		3.3504	3.3504	2.0000e-005		3.3509
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1123	0.1411	1.7611	4.2500e-003	0.3353	2.7000e-003	0.3380	0.0889	2.4900e-003	0.0914		343.2173	343.2173	0.0169		343.5718
Total	0.1130	0.1525	1.7680	4.2800e-003	0.3361	2.8800e-003	0.3390	0.0892	2.6600e-003	0.0918		346.5676	346.5676	0.0169		346.9227

3.3 Remediation - 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	lb/day										lb/day					
Fugitive Dust					0.0744	0.0000	0.0744	0.0113	0.0000	0.0113			0.0000			0.0000
Off-Road	2.2410	24.8582	13.4895	0.0277		1.1449	1.1449		1.0541	1.0541		2,821.1523	2,821.1523	0.8574		2,839.1579
Total	2.2410	24.8582	13.4895	0.0277	0.0744	1.1449	1.2193	0.0113	1.0541	1.0654		2,821.1523	2,821.1523	0.8574		2,839.1579

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.9900e-003	0.1028	0.0624	3.0000e-004	0.0127	1.6200e-003	0.0144	3.3300e-003	1.4900e-003	4.8200e-003		30.1534	30.1534	2.1000e-004		30.1578
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1123	0.1411	1.7611	4.2500e-003	0.3353	2.7000e-003	0.3380	0.0889	2.4900e-003	0.0914		343.2173	343.2173	0.0169		343.5718
Total	0.1183	0.2439	1.8235	4.5500e-003	0.3481	4.3200e-003	0.3524	0.0923	3.9800e-003	0.0962		373.3707	373.3707	0.0171		373.7297

3.3 Remediation - 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	lb/day										lb/day					
Fugitive Dust					0.0335	0.0000	0.0335	5.0700e-003	0.0000	5.0700e-003			0.0000			0.0000
Off-Road	2.2410	24.8582	13.4895	0.0277		1.1449	1.1449		1.0541	1.0541	0.0000	2,821.1523	2,821.1523	0.8574		2,839.1579
Total	2.2410	24.8582	13.4895	0.0277	0.0335	1.1449	1.1784	5.0700e-003	1.0541	1.0592	0.0000	2,821.1523	2,821.1523	0.8574		2,839.1579

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.9900e-003	0.1028	0.0624	3.0000e-004	0.0127	1.6200e-003	0.0144	3.3300e-003	1.4900e-003	4.8200e-003		30.1534	30.1534	2.1000e-004		30.1578
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1123	0.1411	1.7611	4.2500e-003	0.3353	2.7000e-003	0.3380	0.0889	2.4900e-003	0.0914		343.2173	343.2173	0.0169		343.5718
Total	0.1183	0.2439	1.8235	4.5500e-003	0.3481	4.3200e-003	0.3524	0.0923	3.9800e-003	0.0962		373.3707	373.3707	0.0171		373.7297

3.3 Remediation - 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	lb/day										lb/day					
Fugitive Dust					0.0744	0.0000	0.0744	0.0113	0.0000	0.0113			0.0000			0.0000
Off-Road	1.9322	21.0256	12.5754	0.0277		0.9416	0.9416		0.8670	0.8670		2,776.5836	2,776.5836	0.8572		2,794.5855
Total	1.9322	21.0256	12.5754	0.0277	0.0744	0.9416	1.0160	0.0113	0.8670	0.8783		2,776.5836	2,776.5836	0.8572		2,794.5855

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.9000e-003	0.0954	0.0611	3.0000e-004	0.0127	1.6200e-003	0.0144	3.3300e-003	1.4900e-003	4.8200e-003		29.6535	29.6535	2.1000e-004		29.6579
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1012	0.1280	1.6001	4.2500e-003	0.3353	2.6300e-003	0.3380	0.0889	2.4300e-003	0.0914		330.4463	330.4463	0.0157		330.7754
Total	0.1071	0.2233	1.6612	4.5500e-003	0.3481	4.2500e-003	0.3523	0.0923	3.9200e-003	0.0962		360.0997	360.0997	0.0159		360.4333

3.3 Remediation - 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	lb/day										lb/day					
Fugitive Dust					0.0335	0.0000	0.0335	5.0700e-003	0.0000	5.0700e-003			0.0000			0.0000
Off-Road	1.9322	21.0256	12.5754	0.0277		0.9416	0.9416		0.8670	0.8670	0.0000	2,776.5836	2,776.5836	0.8572		2,794.5855
Total	1.9322	21.0256	12.5754	0.0277	0.0335	0.9416	0.9751	5.0700e-003	0.8670	0.8721	0.0000	2,776.5836	2,776.5836	0.8572		2,794.5855

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.9000e-003	0.0954	0.0611	3.0000e-004	0.0127	1.6200e-003	0.0144	3.3300e-003	1.4900e-003	4.8200e-003		29.6535	29.6535	2.1000e-004		29.6579
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1012	0.1280	1.6001	4.2500e-003	0.3353	2.6300e-003	0.3380	0.0889	2.4300e-003	0.0914		330.4463	330.4463	0.0157		330.7754
Total	0.1071	0.2233	1.6612	4.5500e-003	0.3481	4.2500e-003	0.3523	0.0923	3.9200e-003	0.0962		360.0997	360.0997	0.0159		360.4333

3.4 Remediation - Class I Soil - 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	lb/day										lb/day					
Fugitive Dust					8.2600e-003	0.0000	8.2600e-003	1.2500e-003	0.0000	1.2500e-003			0.0000			0.0000
Off-Road	0.3168	3.0439	2.3938	3.1100e-003		0.2289	0.2289		0.2106	0.2106		318.2649	318.2649	0.0975		320.3128
Total	0.3168	3.0439	2.3938	3.1100e-003	8.2600e-003	0.2289	0.2372	1.2500e-003	0.2106	0.2119		318.2649	318.2649	0.0975		320.3128

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.3000e-003	0.0475	0.0188	1.4000e-004	6.1300e-003	7.8000e-004	6.9000e-003	1.6000e-003	7.1000e-004	2.3200e-003		14.3355	14.3355	1.0000e-004		14.3375
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	2.3000e-003	0.0475	0.0188	1.4000e-004	6.1300e-003	7.8000e-004	6.9000e-003	1.6000e-003	7.1000e-004	2.3200e-003		14.3355	14.3355	1.0000e-004		14.3375

3.4 Remediation - Class I Soil - 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	lb/day										lb/day						
Fugitive Dust					3.7200e-003	0.0000	3.7200e-003	5.6000e-004	0.0000	5.6000e-004			0.0000				0.0000
Off-Road	0.3168	3.0439	2.3938	3.1100e-003		0.2289	0.2289		0.2106	0.2106	0.0000	318.2649	318.2649	0.0975			320.3128
Total	0.3168	3.0439	2.3938	3.1100e-003	3.7200e-003	0.2289	0.2326	5.6000e-004	0.2106	0.2112	0.0000	318.2649	318.2649	0.0975			320.3128

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	2.3000e-003	0.0475	0.0188	1.4000e-004	6.1300e-003	7.8000e-004	6.9000e-003	1.6000e-003	7.1000e-004	2.3200e-003		14.3355	14.3355	1.0000e-004			14.3375
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Total	2.3000e-003	0.0475	0.0188	1.4000e-004	6.1300e-003	7.8000e-004	6.9000e-003	1.6000e-003	7.1000e-004	2.3200e-003		14.3355	14.3355	1.0000e-004			14.3375

3.4 Remediation - Class I Soil - 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	lb/day										lb/day					
Fugitive Dust					8.2600e-003	0.0000	8.2600e-003	1.2500e-003	0.0000	1.2500e-003			0.0000			0.0000
Off-Road	0.2661	2.6297	2.3367	3.1100e-003		0.1863	0.1863		0.1714	0.1714		312.7760	312.7760	0.0974		314.8208
Total	0.2661	2.6297	2.3367	3.1100e-003	8.2600e-003	0.1863	0.1946	1.2500e-003	0.1714	0.1727		312.7760	312.7760	0.0974		314.8208

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.3000e-003	0.0440	0.0186	1.4000e-004	6.1300e-003	7.8000e-004	6.9000e-003	1.6000e-003	7.1000e-004	2.3200e-003		14.0981	14.0981	1.0000e-004		14.1001
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	2.3000e-003	0.0440	0.0186	1.4000e-004	6.1300e-003	7.8000e-004	6.9000e-003	1.6000e-003	7.1000e-004	2.3200e-003		14.0981	14.0981	1.0000e-004		14.1001

3.4 Remediation - Class I Soil - 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	lb/day										lb/day					
Fugitive Dust					3.7200e-003	0.0000	3.7200e-003	5.6000e-004	0.0000	5.6000e-004			0.0000			0.0000
Off-Road	0.2661	2.6297	2.3367	3.1100e-003		0.1863	0.1863		0.1714	0.1714	0.0000	312.7760	312.7760	0.0974		314.8208
Total	0.2661	2.6297	2.3367	3.1100e-003	3.7200e-003	0.1863	0.1900	5.6000e-004	0.1714	0.1720	0.0000	312.7760	312.7760	0.0974		314.8208

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.3000e-003	0.0440	0.0186	1.4000e-004	6.1300e-003	7.8000e-004	6.9000e-003	1.6000e-003	7.1000e-004	2.3200e-003		14.0981	14.0981	1.0000e-004		14.1001
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	2.3000e-003	0.0440	0.0186	1.4000e-004	6.1300e-003	7.8000e-004	6.9000e-003	1.6000e-003	7.1000e-004	2.3200e-003		14.0981	14.0981	1.0000e-004		14.1001

3.5 Park Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5001	5.0871	5.6485	8.4000e-003		0.2887	0.2887		0.2656	0.2656		831.6073	831.6073	0.2631		837.1327
Total	0.5001	5.0871	5.6485	8.4000e-003		0.2887	0.2887		0.2656	0.2656		831.6073	831.6073	0.2631		837.1327

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0932	0.1174	1.4706	4.2400e-003	0.3353	2.5800e-003	0.3379	0.0889	2.3900e-003	0.0913		317.9179	317.9179	0.0147		318.2259
Total	0.0932	0.1174	1.4706	4.2400e-003	0.3353	2.5800e-003	0.3379	0.0889	2.3900e-003	0.0913		317.9179	317.9179	0.0147		318.2259

3.5 Park Construction - 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	lb/day										lb/day					
Off-Road	0.5001	5.0871	5.6485	8.4000e-003		0.2887	0.2887		0.2656	0.2656	0.0000	831.6073	831.6073	0.2631		837.1327
Total	0.5001	5.0871	5.6485	8.4000e-003		0.2887	0.2887		0.2656	0.2656	0.0000	831.6073	831.6073	0.2631		837.1327

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0932	0.1174	1.4706	4.2400e-003	0.3353	2.5800e-003	0.3379	0.0889	2.3900e-003	0.0913		317.9179	317.9179	0.0147		318.2259
Total	0.0932	0.1174	1.4706	4.2400e-003	0.3353	2.5800e-003	0.3379	0.0889	2.3900e-003	0.0913		317.9179	317.9179	0.0147		318.2259

3.5 Park Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	0.4607	4.5789	5.6302	8.4000e-003		0.2529	0.2529		0.2327	0.2327		813.5482	813.5482	0.2631			819.0736
Total	0.4607	4.5789	5.6302	8.4000e-003		0.2529	0.2529		0.2327	0.2327		813.5482	813.5482	0.2631			819.0736

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	0.0873	0.1088	1.3708	4.2400e-003	0.3353	2.5600e-003	0.3379	0.0889	2.3800e-003	0.0913		305.0513	305.0513	0.0139			305.3431
Total	0.0873	0.1088	1.3708	4.2400e-003	0.3353	2.5600e-003	0.3379	0.0889	2.3800e-003	0.0913		305.0513	305.0513	0.0139			305.3431

3.5 Park Construction - 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	lb/day										lb/day					
Off-Road	0.4607	4.5789	5.6302	8.4000e-003		0.2529	0.2529		0.2327	0.2327	0.0000	813.5482	813.5482	0.2631		819.0736
Total	0.4607	4.5789	5.6302	8.4000e-003		0.2529	0.2529		0.2327	0.2327	0.0000	813.5482	813.5482	0.2631		819.0736

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0873	0.1088	1.3708	4.2400e-003	0.3353	2.5600e-003	0.3379	0.0889	2.3800e-003	0.0913		305.0513	305.0513	0.0139		305.3431
Total	0.0873	0.1088	1.3708	4.2400e-003	0.3353	2.5600e-003	0.3379	0.0889	2.3800e-003	0.0913		305.0513	305.0513	0.0139		305.3431

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7129	7.4677	7.1826	0.0112		0.4047	0.4047		0.3723	0.3723		1,104.4866	1,104.4866	0.3495		1,111.8250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7129	7.4677	7.1826	0.0112		0.4047	0.4047		0.3723	0.3723		1,104.4866	1,104.4866	0.3495		1,111.8250

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0248	0.0313	0.3922	1.1300e-003	0.0894	6.9000e-004	0.0901	0.0237	6.4000e-004	0.0244		84.7781	84.7781	3.9100e-003		84.8603
Total	0.0248	0.0313	0.3922	1.1300e-003	0.0894	6.9000e-004	0.0901	0.0237	6.4000e-004	0.0244		84.7781	84.7781	3.9100e-003		84.8603

3.6 Paving - 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	lb/day										lb/day					
Off-Road	0.7129	7.4677	7.1826	0.0112		0.4047	0.4047		0.3723	0.3723	0.0000	1,104.4866	1,104.4866	0.3495		1,111.8250
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.7129	7.4677	7.1826	0.0112		0.4047	0.4047		0.3723	0.3723	0.0000	1,104.4866	1,104.4866	0.3495		1,111.8250

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0248	0.0313	0.3922	1.1300e-003	0.0894	6.9000e-004	0.0901	0.0237	6.4000e-004	0.0244		84.7781	84.7781	3.9100e-003		84.8603
Total	0.0248	0.0313	0.3922	1.1300e-003	0.0894	6.9000e-004	0.0901	0.0237	6.4000e-004	0.0244		84.7781	84.7781	3.9100e-003		84.8603

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5602	1.3473	5.9559	0.0193	1.2819	0.0245	1.3065	0.3426	0.0226	0.3652		1,475.1663	1,475.1663	0.0495		1,476.2055
Unmitigated	0.5602	1.3473	5.9559	0.0193	1.2819	0.0245	1.3065	0.3426	0.0226	0.3652		1,475.1663	1,475.1663	0.0495		1,476.2055

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	66.78	210.00	210.00	309,911	309,911
Total	66.78	210.00	210.00	309,911	309,911

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
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.507717	0.059700	0.181648	0.140055	0.042936	0.006749	0.016265	0.033349	0.001955	0.002502	0.004345	0.000573	0.002206

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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

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	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.6166	4.0000e-005	4.3000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1900e-003	9.1900e-003	2.0000e-005		9.7000e-003
Unmitigated	11.6166	4.0000e-005	4.3000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1900e-003	9.1900e-003	2.0000e-005		9.7000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	11.6162					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
Landscaping	4.0000e-004	4.0000e-005	4.3000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1900e-003	9.1900e-003	2.0000e-005		9.7000e-003
Total	11.6166	4.0000e-005	4.3000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1900e-003	9.1900e-003	2.0000e-005		9.7000e-003

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-004	4.0000e-005	4.3000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1900e-003	9.1900e-003	2.0000e-005		9.7000e-003
Architectural Coating	11.6162					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	11.6166	4.0000e-005	4.3000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1900e-003	9.1900e-003	2.0000e-005		9.7000e-003

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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