

Skypark at Santa's Village
San Bernardino-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.00	Acre	1.00	43,560.00	0
Parking Lot	5.20	Acre	5.20	226,512.00	0
City Park	12.60	Acre	12.60	548,856.00	0
Strip Mall	23.39	1000sqft	0.54	23,389.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Project Acreage and Square Footage
- Construction Phase - Construction Phasing
- Off-road Equipment - Minimal equipment for amusement park construction
- Off-road Equipment - Minimal equipment for Hwy 18 demo
- Off-road Equipment - Amusement Park gardening (including the meadow)
- Off-road Equipment - construction equipment per questionnaire
- Off-road Equipment - Equipment for parking lot paving
- Off-road Equipment - Paving - Amusement Park

Off-road Equipment - Hwy 18 paving

Off-road Equipment - Minimal equipmet for amusement park construction

Off-road Equipment - Minimal equipment for Hwy 18 construction

Off-road Equipment -

Grading - Acreage for Amusement Park and Hwy 18 grading

Demolition -

Trips and VMT - Grading hauling distances

Vehicle Trips - Trip rate per Traffic Study. Total trips assigned to one land use.

Vehicle Emission Factors - Fleet mix per Traffic Study

Vehicle Emission Factors - Fleet mix per Traffic Study

Vehicle Emission Factors - Fleet mix per Traffic Study

Construction Off-road Equipment Mitigation - per SCAQMD Rule 403

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Area Mitigation -

Architectural Coating - Building exteriors would not change

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	311,300.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	20.00	90.00
tblConstructionPhase	NumDays	300.00	40.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	300.00	20.00
tblConstructionPhase	PhaseEndDate	5/26/2017	5/5/2017

tblConstructionPhase	PhaseEndDate	6/30/2017	3/17/2017
tblConstructionPhase	PhaseEndDate	4/14/2017	2/17/2017
tblConstructionPhase	PhaseStartDate	1/21/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	5/6/2017	1/21/2017
tblConstructionPhase	PhaseStartDate	3/18/2017	1/21/2017
tblGrading	AcresOfGrading	0.00	13.00
tblGrading	AcresOfGrading	0.00	2.00
tblGrading	MaterialExported	0.00	2,000.00
tblGrading	MaterialImported	0.00	11,000.00
tblLandUse	LandUseSquareFeet	23,390.00	23,389.00
tblOffRoadEquipment	HorsePower	199.00	255.00
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentType	Rubber Tired Dozers	Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.10
tblTripsAndVMT	HaulingTripLength	20.00	8.30
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	LDA	0.47	0.94
tblVehicleEF	LDA	0.47	0.94
tblVehicleEF	LDA	0.47	0.94
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.07	0.00

tblVehicleEF	LDT2	0.17	0.00
tblVehicleEF	LDT2	0.17	0.00
tblVehicleEF	LDT2	0.17	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD2	9.0390e-003	0.00
tblVehicleEF	LHD2	9.0390e-003	0.00
tblVehicleEF	LHD2	9.0390e-003	0.00
tblVehicleEF	MCY	4.9210e-003	0.00
tblVehicleEF	MCY	4.9210e-003	0.00
tblVehicleEF	MCY	4.9210e-003	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MH	2.9320e-003	0.00
tblVehicleEF	MH	2.9320e-003	0.00
tblVehicleEF	MH	2.9320e-003	0.00
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	OBUS	1.1220e-003	0.02
tblVehicleEF	OBUS	1.1220e-003	0.02
tblVehicleEF	OBUS	1.1220e-003	0.02
tblVehicleEF	SBUS	7.1200e-004	0.00
tblVehicleEF	SBUS	7.1200e-004	0.00
tblVehicleEF	SBUS	7.1200e-004	0.00
tblVehicleEF	UBUS	1.3340e-003	0.00
tblVehicleEF	UBUS	1.3340e-003	0.00
tblVehicleEF	UBUS	1.3340e-003	0.00
tblVehicleTrips	CC_TL	10.10	0.00

tblVehicleTrips	CC_TL	10.10	0.00
tblVehicleTrips	CC_TL	10.10	0.00
tblVehicleTrips	CC_TL	10.10	36.00
tblVehicleTrips	CNW_TL	7.90	36.00
tblVehicleTrips	CW_TL	18.50	36.00
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	42.04	111.16
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	20.43	111.16
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	44.32	24.03

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					
2016	4.5081	49.2580	35.9677	0.0512	7.0251	2.3760	9.4011	3.4666	2.1859	5.6525	0.0000	5,234.1302	5,234.1302	1.4923	0.0000	5,265.4679
2017	55.9893	47.9869	102.5114	0.2304	13.6048	1.7296	15.3344	3.6479	1.6154	5.2633	0.0000	19,996.0198	19,996.0198	1.0321	0.0000	20,017.6945
Total	60.4973	97.2448	138.4790	0.2816	20.6299	4.1056	24.7355	7.1145	3.8013	10.9158	0.0000	25,230.1500	25,230.1500	2.5244	0.0000	25,283.1625

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	4.5081	49.2580	35.9677	0.0512	3.1081	2.3760	5.4841	1.5111	2.1859	3.6970	0.0000	5,234.1302	5,234.1302	1.4923	0.0000	5,265.4679
2017	55.9893	47.9869	102.5114	0.2304	10.6028	1.7296	12.3324	2.9111	1.6154	4.5265	0.0000	19,996.0198	19,996.0198	1.0321	0.0000	20,017.6945
Total	60.4973	97.2448	138.4790	0.2816	13.7109	4.1056	17.8165	4.4222	3.8013	8.2235	0.0000	25,230.1500	25,230.1500	2.5244	0.0000	25,283.1625

	ROG	NOx	CO	SO2	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	33.54	0.00	27.97	37.84	0.00	24.66	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational
Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003
Energy	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964
Mobile	8.1257	32.3706	151.7031	0.4789	39.6834	0.6674	40.3508	10.6045	0.6141	11.2186		38,908.1950	38,908.1950	1.2976		38,935.4455
Total	28.7587	32.3852	151.7198	0.4790	39.6834	0.6686	40.3519	10.6045	0.6153	11.2197		38,925.6942	38,925.6942	1.2980	3.2000e-004	38,953.0516

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	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003
Energy	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964
Mobile	8.1257	32.3706	151.7031	0.4789	39.6834	0.6674	40.3508	10.6045	0.6141	11.2186		38,908.1950	38,908.1950	1.2976		38,935.4455
Total	28.7587	32.3852	151.7198	0.4790	39.6834	0.6686	40.3519	10.6045	0.6153	11.2197		38,925.6942	38,925.6942	1.2980	3.2000e-004	38,953.0516

	ROG	NOx	CO	SO2	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 - Amusement Park	Demolition	8/1/2016	8/12/2016	5	10	
2	Demolition - Hwy 18	Demolition	8/13/2016	8/19/2016	5	5	
3	Grading - Amusement Park	Grading	8/20/2016	9/16/2016	5	20	
4	Grading - Hwy 18	Grading	9/17/2016	10/14/2016	5	20	
5	Paving - Parking Lot	Paving	10/15/2016	11/25/2016	5	30	
6	Paving - Amusement Park	Paving	11/26/2016	12/23/2016	5	20	
7	Paving - Hwy 18	Paving	12/24/2016	1/20/2017	5	20	
8	Architectural Coating	Architectural Coating	1/1/2017	5/5/2017	5	90	
9	Construction - Amusement Park	Building Construction	1/21/2017	3/17/2017	5	40	
10	Construction - Hwy 18	Building Construction	1/21/2017	2/17/2017	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: 933,901; Non-Residential Outdoor: 0 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition - Amusement Park	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Amusement Park	Excavators	0	8.00	162	0.38
Demolition - Amusement Park	Rubber Tired Dozers	0	8.00	255	0.40
Demolition - Hwy 18	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition - Hwy 18	Excavators	0	8.00	162	0.38
Demolition - Hwy 18	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Amusement Park	Excavators	2	8.00	162	0.38
Grading - Amusement Park	Graders	0	8.00	174	0.41
Grading - Amusement Park	Rubber Tired Loaders	2	8.00	255	0.40
Grading - Amusement Park	Scrapers	0	8.00	361	0.48
Grading - Amusement Park	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - Hwy 18	Excavators	1	8.00	162	0.38
Grading - Hwy 18	Graders	0	8.00	174	0.41
Grading - Hwy 18	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Hwy 18	Scrapers	0	8.00	361	0.48
Grading - Hwy 18	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving - Parking Lot	Pavers	1	8.00	125	0.42
Paving - Parking Lot	Paving Equipment	1	8.00	130	0.36
Paving - Parking Lot	Rollers	1	8.00	80	0.38
Paving - Amusement Park	Pavers	1	8.00	125	0.42
Paving - Amusement Park	Paving Equipment	1	8.00	130	0.36
Paving - Amusement Park	Rollers	1	8.00	80	0.38
Construction - Amusement Park	Cranes	0	7.00	226	0.29

Construction - Amusement Park	Forklifts	0	8.00	89	0.20
Construction - Amusement Park	Generator Sets	0	8.00	84	0.74
Construction - Amusement Park	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Construction - Amusement Park	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Construction - Hwy 18	Cranes	0	7.00	226	0.29
Construction - Hwy 18	Forklifts	0	8.00	89	0.20
Construction - Hwy 18	Generator Sets	0	8.00	84	0.74
Paving - Hwy 18	Pavers	1	8.00	125	0.42
Paving - Hwy 18	Paving Equipment	1	8.00	130	0.36
Paving - Hwy 18	Rollers	1	8.00	80	0.38
Construction - Hwy 18	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Construction - Hwy 18	Welders	0	8.00	46	0.45
Demolition - Hwy 18	Skid Steer Loaders	1	8.00	64	0.37
Grading - Amusement Park	Skid Steer Loaders	2	8.00	64	0.37
Grading - Hwy 18	Rubber Tired Loaders	1	8.00	199	0.36
Grading - Hwy 18	Skid Steer Loaders	1	8.00	64	0.37
Construction - Hwy 18	Graders	1	8.00	174	0.41
Grading - Amusement Park	Rubber Tired Dozers	1	8.00	255	0.40

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 - Amusement Park	1	3.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Hwy 18	1	3.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Amusement Park	9	20.00	0.00	250.00	19.80	7.90	0.10	LD_Mix	HDT_Mix	HHDT
Grading - Hwy 18	4	10.00	0.00	1,088.00	19.80	7.90	8.30	LD_Mix	HDT_Mix	HHDT
Paving - Parking Lot	3	8.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Amusement Park	3	8.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Construction - Amusement Park	1	351.00	138.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	70.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Construction - Hwy 18	3	351.00	138.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Hwy 18	3	8.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - Amusement Park - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1400e-003	0.0000	2.1400e-003	3.2000e-004	0.0000	3.2000e-004			0.0000			0.0000
Off-Road	0.6466	4.6220	3.7752	6.2600e-003		0.3473	0.3473		0.3473	0.3473		592.6657	592.6657	0.0574		593.8702
Total	0.6466	4.6220	3.7752	6.2600e-003	2.1400e-003	0.3473	0.3494	3.2000e-004	0.3473	0.3476		592.6657	592.6657	0.0574		593.8702

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0145	0.0206	0.2722	5.7000e-004	0.0452	3.3000e-004	0.0455	0.0120	3.0000e-004	0.0123		46.9429	46.9429	2.3100e-003		46.9913
Total	0.0145	0.0206	0.2722	5.7000e-004	0.0452	3.3000e-004	0.0455	0.0120	3.0000e-004	0.0123		46.9429	46.9429	2.3100e-003		46.9913

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1000e-004	0.0000	9.1000e-004	1.4000e-004	0.0000	1.4000e-004			0.0000			0.0000
Off-Road	0.6466	4.6220	3.7752	6.2600e-003		0.3473	0.3473		0.3473	0.3473	0.0000	592.6657	592.6657	0.0574		593.8702
Total	0.6466	4.6220	3.7752	6.2600e-003	9.1000e-004	0.3473	0.3482	1.4000e-004	0.3473	0.3474	0.0000	592.6657	592.6657	0.0574		593.8702

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0145	0.0206	0.2722	5.7000e-004	0.0350	3.3000e-004	0.0353	9.4700e-003	3.0000e-004	9.7700e-003		46.9429	46.9429	2.3100e-003		46.9913
Total	0.0145	0.0206	0.2722	5.7000e-004	0.0350	3.3000e-004	0.0353	9.4700e-003	3.0000e-004	9.7700e-003		46.9429	46.9429	2.3100e-003		46.9913

3.3 Demolition - Hwy 18 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0214	0.0000	0.0214	3.2400e-003	0.0000	3.2400e-003			0.0000			0.0000
Off-Road	0.1141	1.4761	1.3898	2.0400e-003		0.0824	0.0824		0.0759	0.0759		211.4518	211.4518	0.0638		212.7912
Total	0.1141	1.4761	1.3898	2.0400e-003	0.0214	0.0824	0.1038	3.2400e-003	0.0759	0.0791		211.4518	211.4518	0.0638		212.7912

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0145	0.0206	0.2722	5.7000e-004	0.0452	3.3000e-004	0.0455	0.0120	3.0000e-004	0.0123		46.9429	46.9429	2.3100e-003		46.9913
Total	0.0145	0.0206	0.2722	5.7000e-004	0.0452	3.3000e-004	0.0455	0.0120	3.0000e-004	0.0123		46.9429	46.9429	2.3100e-003		46.9913

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1500e-003	0.0000	9.1500e-003	1.3900e-003	0.0000	1.3900e-003			0.0000			0.0000
Off-Road	0.1141	1.4761	1.3898	2.0400e-003		0.0824	0.0824		0.0759	0.0759	0.0000	211.4518	211.4518	0.0638		212.7912
Total	0.1141	1.4761	1.3898	2.0400e-003	9.1500e-003	0.0824	0.0916	1.3900e-003	0.0759	0.0772	0.0000	211.4518	211.4518	0.0638		212.7912

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0145	0.0206	0.2722	5.7000e-004	0.0350	3.3000e-004	0.0353	9.4700e-003	3.0000e-004	9.7700e-003		46.9429	46.9429	2.3100e-003		46.9913
Total	0.0145	0.0206	0.2722	5.7000e-004	0.0350	3.3000e-004	0.0353	9.4700e-003	3.0000e-004	9.7700e-003		46.9429	46.9429	2.3100e-003		46.9913

3.4 Grading - Amusement Park - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.7227	0.0000	6.7227	3.3864	0.0000	3.3864			0.0000			0.0000
Off-Road	4.3312	48.8439	32.7004	0.0471		2.3729	2.3729		2.1831	2.1831		4,894.0505	4,894.0505	1.4762		4,925.0511
Total	4.3312	48.8439	32.7004	0.0471	6.7227	2.3729	9.0957	3.3864	2.1831	5.5695		4,894.0505	4,894.0505	1.4762		4,925.0511

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0806	0.2766	1.4528	2.9000e-004	1.3500e-003	8.8000e-004	2.2300e-003	3.9000e-004	8.1000e-004	1.2000e-003		27.1272	27.1272	6.7000e-004		27.1412
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	0.0963	0.1374	1.8144	3.7700e-003	0.3010	2.1800e-003	0.3032	0.0798	2.0000e-003	0.0818		312.9524	312.9524	0.0154		313.2756
Total	0.1769	0.4140	3.2673	4.0600e-003	0.3024	3.0600e-003	0.3055	0.0802	2.8100e-003	0.0830		340.0797	340.0797	0.0161		340.4168

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8740	0.0000	2.8740	1.4477	0.0000	1.4477			0.0000			0.0000
Off-Road	4.3312	48.8439	32.7004	0.0471		2.3729	2.3729		2.1831	2.1831	0.0000	4,894.0505	4,894.0505	1.4762		4,925.0511
Total	4.3312	48.8439	32.7004	0.0471	2.8740	2.3729	5.2469	1.4477	2.1831	3.6308	0.0000	4,894.0505	4,894.0505	1.4762		4,925.0511

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0806	0.2766	1.4528	2.9000e-004	1.1300e-003	8.8000e-004	2.0200e-003	3.4000e-004	8.1000e-004	1.1500e-003		27.1272	27.1272	6.7000e-004		27.1412
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	0.0963	0.1374	1.8144	3.7700e-003	0.2330	2.1800e-003	0.2352	0.0631	2.0000e-003	0.0651		312.9524	312.9524	0.0154		313.2756
Total	0.1769	0.4140	3.2673	4.0600e-003	0.2341	3.0600e-003	0.2372	0.0635	2.8100e-003	0.0663		340.0797	340.0797	0.0161		340.4168

3.5 Grading - Hwy 18 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1061	0.0000	0.1061	0.0115	0.0000	0.0115			0.0000			0.0000
Off-Road	1.3397	15.6250	9.0656	0.0166		0.7715	0.7715		0.7098	0.7098		1,721.4210	1,721.4210	0.5192		1,732.3251
Total	1.3397	15.6250	9.0656	0.0166	0.1061	0.7715	0.8776	0.0115	0.7098	0.7212		1,721.4210	1,721.4210	0.5192		1,732.3251

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5944	6.8889	8.1121	0.0172	0.3939	0.0984	0.4923	0.1079	0.0905	0.1984		1,725.9170	1,725.9170	0.0136		1,726.2022
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	0.0482	0.0687	0.9072	1.8800e-003	0.1505	1.0900e-003	0.1516	0.0399	1.0000e-003	0.0409		156.4762	156.4762	7.6900e-003		156.6378
Total	0.6425	6.9576	9.0193	0.0191	0.5444	0.0995	0.6439	0.1478	0.0915	0.2393		1,882.3932	1,882.3932	0.0213		1,882.8400

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0453	0.0000	0.0453	4.9000e-003	0.0000	4.9000e-003			0.0000			0.0000
Off-Road	1.3397	15.6250	9.0656	0.0166		0.7715	0.7715		0.7098	0.7098	0.0000	1,721.4210	1,721.4210	0.5192		1,732.3251
Total	1.3397	15.6250	9.0656	0.0166	0.0453	0.7715	0.8168	4.9000e-003	0.7098	0.7147	0.0000	1,721.4210	1,721.4210	0.5192		1,732.3251

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.5944	6.8889	8.1121	0.0172	0.3163	0.0984	0.4147	0.0889	0.0905	0.1793		1,725.9170	1,725.9170	0.0136		1,726.2022
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	0.0482	0.0687	0.9072	1.8800e-003	0.1165	1.0900e-003	0.1176	0.0316	1.0000e-003	0.0326		156.4762	156.4762	7.6900e-003		156.6378
Total	0.6425	6.9576	9.0193	0.0191	0.4328	0.0995	0.5322	0.1204	0.0915	0.2119		1,882.3932	1,882.3932	0.0213		1,882.8400

3.6 Paving - Parking Lot - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.5415					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5864	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0385	0.0550	0.7258	1.5100e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		125.1810	125.1810	6.1600e-003		125.3102
Total	0.0385	0.0550	0.7258	1.5100e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		125.1810	125.1810	6.1600e-003		125.3102

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.5415					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5864	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0385	0.0550	0.7258	1.5100e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		125.1810	125.1810	6.1600e-003		125.3102
Total	0.0385	0.0550	0.7258	1.5100e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		125.1810	125.1810	6.1600e-003		125.3102

3.7 Paving - Amusement Park - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8571	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0385	0.0550	0.7258	1.5100e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		125.1810	125.1810	6.1600e-003		125.3102
Total	0.0385	0.0550	0.7258	1.5100e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		125.1810	125.1810	6.1600e-003		125.3102

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8571	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0385	0.0550	0.7258	1.5100e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		125.1810	125.1810	6.1600e-003		125.3102
Total	0.0385	0.0550	0.7258	1.5100e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		125.1810	125.1810	6.1600e-003		125.3102

3.8 Paving - Hwy 18 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8571	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0385	0.0550	0.7258	1.5100e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		125.1810	125.1810	6.1600e-003		125.3102
Total	0.0385	0.0550	0.7258	1.5100e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		125.1810	125.1810	6.1600e-003		125.3102

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8571	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0385	0.0550	0.7258	1.5100e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		125.1810	125.1810	6.1600e-003		125.3102
Total	0.0385	0.0550	0.7258	1.5100e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		125.1810	125.1810	6.1600e-003		125.3102

3.8 Paving - Hwy 18 - 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					
Off-Road	0.9537	10.1482	7.3635	0.0112		0.5692	0.5692		0.5237	0.5237		1,140.5294	1,140.5294	0.3495		1,147.8680
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.7659	10.1482	7.3635	0.0112		0.5692	0.5692		0.5237	0.5237		1,140.5294	1,140.5294	0.3495		1,147.8680

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0340	0.0493	0.6520	1.5100e-003	0.1204	8.4000e-004	0.1213	0.0319	7.7000e-004	0.0327		120.2706	120.2706	5.6500e-003		120.3892
Total	0.0340	0.0493	0.6520	1.5100e-003	0.1204	8.4000e-004	0.1213	0.0319	7.7000e-004	0.0327		120.2706	120.2706	5.6500e-003		120.3892

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9537	10.1482	7.3635	0.0112		0.5692	0.5692		0.5237	0.5237	0.0000	1,140.5294	1,140.5294	0.3495		1,147.8680
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.7659	10.1482	7.3635	0.0112		0.5692	0.5692		0.5237	0.5237	0.0000	1,140.5294	1,140.5294	0.3495		1,147.8680

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0340	0.0493	0.6520	1.5100e-003	0.0932	8.4000e-004	0.0940	0.0253	7.7000e-004	0.0260		120.2706	120.2706	5.6500e-003		120.3892
Total	0.0340	0.0493	0.6520	1.5100e-003	0.0932	8.4000e-004	0.0940	0.0253	7.7000e-004	0.0260		120.2706	120.2706	5.6500e-003		120.3892

3.9 Architectural Coating - 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					
Archit. Coating	48.0959					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	48.4282	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.2975	0.4313	5.7046	0.0132	1.0537	7.3300e-003	1.0610	0.2794	6.7600e-003	0.2862		1,052.3675	1,052.3675	0.0494		1,053.4051
Total	0.2975	0.4313	5.7046	0.0132	1.0537	7.3300e-003	1.0610	0.2794	6.7600e-003	0.2862		1,052.3675	1,052.3675	0.0494		1,053.4051

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	48.0959					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	48.4282	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.2975	0.4313	5.7046	0.0132	0.8154	7.3300e-003	0.8228	0.2209	6.7600e-003	0.2277		1,052.3675	1,052.3675	0.0494		1,053.4051
Total	0.2975	0.4313	5.7046	0.0132	0.8154	7.3300e-003	0.8228	0.2209	6.7600e-003	0.2277		1,052.3675	1,052.3675	0.0494		1,053.4051

3.10 Construction - Amusement Park - 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					
Off-Road	0.5009	1.7407	1.9127	2.5600e-003		0.1278	0.1278		0.1278	0.1278		207.4777	207.4777	0.0449		208.4207
Total	0.5009	1.7407	1.9127	2.5600e-003		0.1278	0.1278		0.1278	0.1278		207.4777	207.4777	0.0449		208.4207

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1361	12.1683	13.3951	0.0339	0.9922	0.2027	1.1950	0.2832	0.1865	0.4697		3,353.2094	3,353.2094	0.0233		3,353.6984
Worker	1.4918	2.1626	28.6043	0.0661	5.2833	0.0368	5.3201	1.4010	0.0339	1.4349		5,276.8714	5,276.8714	0.2478		5,282.0743
Total	2.6278	14.3309	41.9994	0.1000	6.2756	0.2395	6.5151	1.6842	0.2204	1.9046		8,630.0808	8,630.0808	0.2711		8,635.7727

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5009	1.7407	1.9127	2.5600e-003		0.1278	0.1278		0.1278	0.1278	0.0000	207.4777	207.4777	0.0449		208.4207
Total	0.5009	1.7407	1.9127	2.5600e-003		0.1278	0.1278		0.1278	0.1278	0.0000	207.4777	207.4777	0.0449		208.4207

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1361	12.1683	13.3951	0.0339	0.8049	0.2027	1.0076	0.2373	0.1865	0.4237		3,353.2094	3,353.2094	0.0233		3,353.6984
Worker	1.4918	2.1626	28.6043	0.0661	4.0888	0.0368	4.1256	1.1078	0.0339	1.1417		5,276.8714	5,276.8714	0.2478		5,282.0743
Total	2.6278	14.3309	41.9994	0.1000	4.8937	0.2395	5.1332	1.3451	0.2204	1.5654		8,630.0808	8,630.0808	0.2711		8,635.7727

3.11 Construction - Hwy 18 - 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					
Off-Road	1.5070	14.9681	9.0273	0.0117		0.9422	0.9422		0.8668	0.8668		1,194.5650	1,194.5650	0.3660		1,202.2513
Total	1.5070	14.9681	9.0273	0.0117		0.9422	0.9422		0.8668	0.8668		1,194.5650	1,194.5650	0.3660		1,202.2513

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1361	12.1683	13.3951	0.0339	0.9922	0.2027	1.1950	0.2832	0.1865	0.4697		3,353.2094	3,353.2094	0.0233		3,353.6984
Worker	1.4918	2.1626	28.6043	0.0661	5.2833	0.0368	5.3201	1.4010	0.0339	1.4349		5,276.8714	5,276.8714	0.2478		5,282.0743
Total	2.6278	14.3309	41.9994	0.1000	6.2756	0.2395	6.5151	1.6842	0.2204	1.9046		8,630.0808	8,630.0808	0.2711		8,635.7727

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5070	14.9681	9.0273	0.0117		0.9422	0.9422		0.8668	0.8668	0.0000	1,194.5650	1,194.5650	0.3660		1,202.2513
Total	1.5070	14.9681	9.0273	0.0117		0.9422	0.9422		0.8668	0.8668	0.0000	1,194.5650	1,194.5650	0.3660		1,202.2513

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.1361	12.1683	13.3951	0.0339	0.8049	0.2027	1.0076	0.2373	0.1865	0.4237		3,353.2094	3,353.2094	0.0233		3,353.6984
Worker	1.4918	2.1626	28.6043	0.0661	4.0888	0.0368	4.1256	1.1078	0.0339	1.1417		5,276.8714	5,276.8714	0.2478		5,282.0743
Total	2.6278	14.3309	41.9994	0.1000	4.8937	0.2395	5.1332	1.3451	0.2204	1.5654		8,630.0808	8,630.0808	0.2711		8,635.7727

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	8.1257	32.3706	151.7031	0.4789	39.6834	0.6674	40.3508	10.6045	0.6141	11.2186		38,908.19 50	38,908.19 50	1.2976		38,935.44 55
Unmitigated	8.1257	32.3706	151.7031	0.4789	39.6834	0.6674	40.3508	10.6045	0.6141	11.2186		38,908.19 50	38,908.19 50	1.2976		38,935.44 55

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	562.06	2,600.03	2600.03	8,253,728	8,253,728
Total	562.06	2,600.03	2,600.03	8,253,728	8,253,728

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	18.50	0.00	7.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	18.50	0.00	7.90	0.00	0.00	0.00	0	0	0
Parking Lot	18.50	0.00	7.90	0.00	0.00	0.00	0	0	0
Strip Mall	36.00	36.00	36.00	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.935900	0.000000	0.000000	0.000000	0.000000	0.000000	0.046300	0.000000	0.017800	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
NaturalGas Mitigated	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003			17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964
NaturalGas Unmitigated	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003			17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964

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					
Other 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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	148.664	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964
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		1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964

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					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.148664	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964
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
Other 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
Total		1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003
Unmitigated	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-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	3.9531					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Consumer Products	16.6779					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Landscaping	4.2000e-004	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003
Total	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-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					
Architectural Coating	3.9531					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.6779					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.2000e-004	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003
Total	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Turf Reduction
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Vegetation

Skypark at Santa's Village
San Bernardino-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.00	Acre	1.00	43,560.00	0
Parking Lot	5.20	Acre	5.20	226,512.00	0
City Park	12.60	Acre	12.60	548,856.00	0
Strip Mall	23.39	1000sqft	0.54	23,389.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	630.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics -
- Land Use - Project Acreage and Square Footage
- Construction Phase - Construction Phasing
- Off-road Equipment - Minimal equipment for amusement park construction
- Off-road Equipment - Minimal equipment for Hwy 18 demo
- Off-road Equipment - Amusement Park gardening (including the meadow)
- Off-road Equipment - construction equipment per questionnaire
- Off-road Equipment - Equipment for parking lot paving
- Off-road Equipment - Paving - Amusement Park

Off-road Equipment - Hwy 18 paving

Off-road Equipment - Minimal equipment for amusement park construction

Off-road Equipment - Minimal equipment for Hwy 18 construction

Off-road Equipment -

Grading - Acreage for Amusement Park and Hwy 18 grading

Demolition -

Trips and VMT - Grading hauling distances

Vehicle Trips - Trip rate per Traffic Study. Total trips assigned to one land use.

Vehicle Emission Factors - Fleet mix per Traffic Study

Vehicle Emission Factors - Fleet mix per Traffic Study

Vehicle Emission Factors - Fleet mix per Traffic Study

Construction Off-road Equipment Mitigation - per SCAQMD Rule 403

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Area Mitigation -

Architectural Coating - Building exteriors would not change

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	311,300.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	20.00	90.00
tblConstructionPhase	NumDays	300.00	40.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	300.00	20.00
tblConstructionPhase	PhaseEndDate	5/26/2017	5/5/2017

tblConstructionPhase	PhaseEndDate	6/30/2017	3/17/2017
tblConstructionPhase	PhaseEndDate	4/14/2017	2/17/2017
tblConstructionPhase	PhaseStartDate	1/21/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	5/6/2017	1/21/2017
tblConstructionPhase	PhaseStartDate	3/18/2017	1/21/2017
tblGrading	AcresOfGrading	0.00	13.00
tblGrading	AcresOfGrading	0.00	2.00
tblGrading	MaterialExported	0.00	2,000.00
tblGrading	MaterialImported	0.00	11,000.00
tblLandUse	LandUseSquareFeet	23,390.00	23,389.00
tblOffRoadEquipment	HorsePower	199.00	255.00
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentType	Rubber Tired Dozers	Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.10
tblTripsAndVMT	HaulingTripLength	20.00	8.30
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	LDA	0.47	0.94
tblVehicleEF	LDA	0.47	0.94
tblVehicleEF	LDA	0.47	0.94
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.07	0.00

tblVehicleEF	LDT2	0.17	0.00
tblVehicleEF	LDT2	0.17	0.00
tblVehicleEF	LDT2	0.17	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD2	9.0390e-003	0.00
tblVehicleEF	LHD2	9.0390e-003	0.00
tblVehicleEF	LHD2	9.0390e-003	0.00
tblVehicleEF	MCY	4.9210e-003	0.00
tblVehicleEF	MCY	4.9210e-003	0.00
tblVehicleEF	MCY	4.9210e-003	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MH	2.9320e-003	0.00
tblVehicleEF	MH	2.9320e-003	0.00
tblVehicleEF	MH	2.9320e-003	0.00
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	OBUS	1.1220e-003	0.02
tblVehicleEF	OBUS	1.1220e-003	0.02
tblVehicleEF	OBUS	1.1220e-003	0.02
tblVehicleEF	SBUS	7.1200e-004	0.00
tblVehicleEF	SBUS	7.1200e-004	0.00
tblVehicleEF	SBUS	7.1200e-004	0.00
tblVehicleEF	UBUS	1.3340e-003	0.00
tblVehicleEF	UBUS	1.3340e-003	0.00
tblVehicleEF	UBUS	1.3340e-003	0.00
tblVehicleTrips	CC_TL	10.10	0.00

tblVehicleTrips	CC_TL	10.10	0.00
tblVehicleTrips	CC_TL	10.10	0.00
tblVehicleTrips	CC_TL	10.10	36.00
tblVehicleTrips	CNW_TL	7.90	36.00
tblVehicleTrips	CW_TL	18.50	36.00
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	42.04	111.16
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	20.43	111.16
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	44.32	24.03

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					
2016	4.5103	49.2619	35.9603	0.0508	7.0251	2.3761	9.4012	3.4666	2.1860	5.6526	0.0000	5,203.943 1	5,203.943 1	1.4924	0.0000	5,235.282 7
2017	55.8994	48.9925	96.7172	0.2168	13.6048	1.7330	15.3378	3.6479	1.6185	5.2664	0.0000	18,907.06 48	18,907.06 48	1.0334	0.0000	18,928.76 69
Total	60.4098	98.2544	132.6775	0.2676	20.6299	4.1091	24.7390	7.1145	3.8046	10.9191	0.0000	24,111.00 80	24,111.00 80	2.5258	0.0000	24,164.04 96

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2016	4.5103	49.2619	35.9603	0.0508	3.1081	2.3761	5.4842	1.5111	2.1860	3.6972	0.0000	5,203.943 1	5,203.943 1	1.4924	0.0000	5,235.282 7
2017	55.8994	48.9925	96.7172	0.2168	10.6028	1.7330	12.3358	2.9111	1.6185	4.5296	0.0000	18,907.06 48	18,907.06 48	1.0334	0.0000	18,928.76 69
Total	60.4098	98.2544	132.6775	0.2676	13.7109	4.1091	17.8200	4.4222	3.8046	8.2268	0.0000	24,111.00 80	24,111.00 80	2.5258	0.0000	24,164.04 96

	ROG	NOx	CO	SO2	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	33.54	0.00	27.97	37.84	0.00	24.66	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003
Energy	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964
Mobile	7.6450	33.7782	129.6997	0.4412	39.6834	0.6698	40.3532	10.6045	0.6163	11.2207		35,985.60 56	35,985.60 56	1.2982		36,012.86 72
Total	28.2779	33.7928	129.7163	0.4413	39.6834	0.6709	40.3543	10.6045	0.6174	11.2219		36,003.10 47	36,003.10 47	1.2985	3.2000e-004	36,030.47 33

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	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003
Energy	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964
Mobile	7.6450	33.7782	129.6997	0.4412	39.6834	0.6698	40.3532	10.6045	0.6163	11.2207		35,985.6056	35,985.6056	1.2982		36,012.8672
Total	28.2779	33.7928	129.7163	0.4413	39.6834	0.6709	40.3543	10.6045	0.6174	11.2219		36,003.1047	36,003.1047	1.2985	3.2000e-004	36,030.4733

	ROG	NOx	CO	SO2	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 - Amusement Park	Demolition	8/1/2016	8/12/2016	5	10	
2	Demolition - Hwy 18	Demolition	8/13/2016	8/19/2016	5	5	
3	Grading - Amusement Park	Grading	8/20/2016	9/16/2016	5	20	
4	Grading - Hwy 18	Grading	9/17/2016	10/14/2016	5	20	
5	Paving - Parking Lot	Paving	10/15/2016	11/25/2016	5	30	
6	Paving - Amusement Park	Paving	11/26/2016	12/23/2016	5	20	
7	Paving - Hwy 18	Paving	12/24/2016	1/20/2017	5	20	
8	Architectural Coating	Architectural Coating	1/1/2017	5/5/2017	5	90	
9	Construction - Amusement Park	Building Construction	1/21/2017	3/17/2017	5	40	
10	Construction - Hwy 18	Building Construction	1/21/2017	2/17/2017	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: 933,901; Non-Residential Outdoor: 0 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition - Amusement Park	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Amusement Park	Excavators	0	8.00	162	0.38
Demolition - Amusement Park	Rubber Tired Dozers	0	8.00	255	0.40
Demolition - Hwy 18	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition - Hwy 18	Excavators	0	8.00	162	0.38
Demolition - Hwy 18	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Amusement Park	Excavators	2	8.00	162	0.38
Grading - Amusement Park	Graders	0	8.00	174	0.41
Grading - Amusement Park	Rubber Tired Loaders	2	8.00	255	0.40
Grading - Amusement Park	Scrapers	0	8.00	361	0.48
Grading - Amusement Park	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - Hwy 18	Excavators	1	8.00	162	0.38
Grading - Hwy 18	Graders	0	8.00	174	0.41
Grading - Hwy 18	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Hwy 18	Scrapers	0	8.00	361	0.48
Grading - Hwy 18	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving - Parking Lot	Pavers	1	8.00	125	0.42
Paving - Parking Lot	Paving Equipment	1	8.00	130	0.36
Paving - Parking Lot	Rollers	1	8.00	80	0.38
Paving - Amusement Park	Pavers	1	8.00	125	0.42
Paving - Amusement Park	Paving Equipment	1	8.00	130	0.36
Paving - Amusement Park	Rollers	1	8.00	80	0.38
Construction - Amusement Park	Cranes	0	7.00	226	0.29

Construction - Amusement Park	Forklifts	0	8.00	89	0.20
Construction - Amusement Park	Generator Sets	0	8.00	84	0.74
Construction - Amusement Park	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Construction - Amusement Park	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Construction - Hwy 18	Cranes	0	7.00	226	0.29
Construction - Hwy 18	Forklifts	0	8.00	89	0.20
Construction - Hwy 18	Generator Sets	0	8.00	84	0.74
Paving - Hwy 18	Pavers	1	8.00	125	0.42
Paving - Hwy 18	Paving Equipment	1	8.00	130	0.36
Paving - Hwy 18	Rollers	1	8.00	80	0.38
Construction - Hwy 18	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Construction - Hwy 18	Welders	0	8.00	46	0.45
Demolition - Hwy 18	Skid Steer Loaders	1	8.00	64	0.37
Grading - Amusement Park	Skid Steer Loaders	2	8.00	64	0.37
Grading - Hwy 18	Rubber Tired Loaders	1	8.00	199	0.36
Grading - Hwy 18	Skid Steer Loaders	1	8.00	64	0.37
Construction - Hwy 18	Graders	1	8.00	174	0.41
Grading - Amusement Park	Rubber Tired Dozers	1	8.00	255	0.40

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 - Amusement Park	1	3.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Hwy 18	1	3.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Amusement Park	9	20.00	0.00	250.00	19.80	7.90	0.10	LD_Mix	HDT_Mix	HHDT
Grading - Hwy 18	4	10.00	0.00	1,088.00	19.80	7.90	8.30	LD_Mix	HDT_Mix	HHDT
Paving - Parking Lot	3	8.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Amusement Park	3	8.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Construction - Amusement Park	1	351.00	138.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	70.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Construction - Hwy 18	3	351.00	138.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Hwy 18	3	8.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - Amusement Park - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.1400e-003	0.0000	2.1400e-003	3.2000e-004	0.0000	3.2000e-004			0.0000			0.0000
Off-Road	0.6466	4.6220	3.7752	6.2600e-003		0.3473	0.3473		0.3473	0.3473		592.6657	592.6657	0.0574		593.8702
Total	0.6466	4.6220	3.7752	6.2600e-003	2.1400e-003	0.3473	0.3494	3.2000e-004	0.3473	0.3476		592.6657	592.6657	0.0574		593.8702

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0135	0.0220	0.2303	5.1000e-004	0.0452	3.3000e-004	0.0455	0.0120	3.0000e-004	0.0123		42.7461	42.7461	2.3100e-003		42.7946
Total	0.0135	0.0220	0.2303	5.1000e-004	0.0452	3.3000e-004	0.0455	0.0120	3.0000e-004	0.0123		42.7461	42.7461	2.3100e-003		42.7946

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1000e-004	0.0000	9.1000e-004	1.4000e-004	0.0000	1.4000e-004			0.0000			0.0000
Off-Road	0.6466	4.6220	3.7752	6.2600e-003		0.3473	0.3473		0.3473	0.3473	0.0000	592.6657	592.6657	0.0574		593.8702
Total	0.6466	4.6220	3.7752	6.2600e-003	9.1000e-004	0.3473	0.3482	1.4000e-004	0.3473	0.3474	0.0000	592.6657	592.6657	0.0574		593.8702

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0135	0.0220	0.2303	5.1000e-004	0.0350	3.3000e-004	0.0353	9.4700e-003	3.0000e-004	9.7700e-003		42.7461	42.7461	2.3100e-003		42.7946
Total	0.0135	0.0220	0.2303	5.1000e-004	0.0350	3.3000e-004	0.0353	9.4700e-003	3.0000e-004	9.7700e-003		42.7461	42.7461	2.3100e-003		42.7946

3.3 Demolition - Hwy 18 - 2016
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0214	0.0000	0.0214	3.2400e-003	0.0000	3.2400e-003			0.0000			0.0000
Off-Road	0.1141	1.4761	1.3898	2.0400e-003		0.0824	0.0824		0.0759	0.0759		211.4518	211.4518	0.0638		212.7912
Total	0.1141	1.4761	1.3898	2.0400e-003	0.0214	0.0824	0.1038	3.2400e-003	0.0759	0.0791		211.4518	211.4518	0.0638		212.7912

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0135	0.0220	0.2303	5.1000e-004	0.0452	3.3000e-004	0.0455	0.0120	3.0000e-004	0.0123		42.7461	42.7461	2.3100e-003		42.7946
Total	0.0135	0.0220	0.2303	5.1000e-004	0.0452	3.3000e-004	0.0455	0.0120	3.0000e-004	0.0123		42.7461	42.7461	2.3100e-003		42.7946

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.1500e-003	0.0000	9.1500e-003	1.3900e-003	0.0000	1.3900e-003			0.0000			0.0000
Off-Road	0.1141	1.4761	1.3898	2.0400e-003		0.0824	0.0824		0.0759	0.0759	0.0000	211.4518	211.4518	0.0638		212.7912
Total	0.1141	1.4761	1.3898	2.0400e-003	9.1500e-003	0.0824	0.0916	1.3900e-003	0.0759	0.0772	0.0000	211.4518	211.4518	0.0638		212.7912

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0135	0.0220	0.2303	5.1000e-004	0.0350	3.3000e-004	0.0353	9.4700e-003	3.0000e-004	9.7700e-003		42.7461	42.7461	2.3100e-003		42.7946
Total	0.0135	0.0220	0.2303	5.1000e-004	0.0350	3.3000e-004	0.0353	9.4700e-003	3.0000e-004	9.7700e-003		42.7461	42.7461	2.3100e-003		42.7946

3.4 Grading - Amusement Park - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.7227	0.0000	6.7227	3.3864	0.0000	3.3864			0.0000			0.0000
Off-Road	4.3312	48.8439	32.7004	0.0471		2.3729	2.3729		2.1831	2.1831		4,894.0505	4,894.0505	1.4762		4,925.0511
Total	4.3312	48.8439	32.7004	0.0471	6.7227	2.3729	9.0957	3.3864	2.1831	5.5695		4,894.0505	4,894.0505	1.4762		4,925.0511

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0891	0.2712	1.7244	2.7000e-004	1.3500e-003	1.0100e-003	2.3600e-003	3.9000e-004	9.2000e-004	1.3200e-003		24.9185	24.9185	7.5000e-004		24.9343
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	0.0901	0.1468	1.5355	3.4300e-003	0.3010	2.1800e-003	0.3032	0.0798	2.0000e-003	0.0818		284.9741	284.9741	0.0154		285.2973
Total	0.1791	0.4180	3.2599	3.7000e-003	0.3024	3.1900e-003	0.3056	0.0802	2.9200e-003	0.0832		309.8926	309.8926	0.0161		310.2316

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.8740	0.0000	2.8740	1.4477	0.0000	1.4477			0.0000			0.0000
Off-Road	4.3312	48.8439	32.7004	0.0471		2.3729	2.3729		2.1831	2.1831	0.0000	4,894.0505	4,894.0505	1.4762		4,925.0511
Total	4.3312	48.8439	32.7004	0.0471	2.8740	2.3729	5.2469	1.4477	2.1831	3.6308	0.0000	4,894.0505	4,894.0505	1.4762		4,925.0511

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0891	0.2712	1.7244	2.7000e-004	1.1300e-003	1.0100e-003	2.1400e-003	3.4000e-004	9.2000e-004	1.2600e-003		24.9185	24.9185	7.5000e-004		24.9343
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	0.0901	0.1468	1.5355	3.4300e-003	0.2330	2.1800e-003	0.2352	0.0631	2.0000e-003	0.0651		284.9741	284.9741	0.0154		285.2973
Total	0.1791	0.4180	3.2599	3.7000e-003	0.2341	3.1900e-003	0.2373	0.0635	2.9200e-003	0.0664		309.8926	309.8926	0.0161		310.2316

3.5 Grading - Hwy 18 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1061	0.0000	0.1061	0.0115	0.0000	0.0115			0.0000			0.0000
Off-Road	1.3397	15.6250	9.0656	0.0166		0.7715	0.7715		0.7098	0.7098		1,721.4210	1,721.4210	0.5192		1,732.3251
Total	1.3397	15.6250	9.0656	0.0166	0.1061	0.7715	0.8776	0.0115	0.7098	0.7212		1,721.4210	1,721.4210	0.5192		1,732.3251

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6310	7.1197	9.2797	0.0171	0.3939	0.0989	0.4928	0.1079	0.0910	0.1989		1,716.3045	1,716.3045	0.0140		1,716.5977
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	0.0450	0.0734	0.7678	1.7100e-003	0.1505	1.0900e-003	0.1516	0.0399	1.0000e-003	0.0409		142.4871	142.4871	7.6900e-003		142.6487
Total	0.6760	7.1931	10.0474	0.0188	0.5444	0.1000	0.6444	0.1478	0.0920	0.2398		1,858.7915	1,858.7915	0.0217		1,859.2464

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0453	0.0000	0.0453	4.9000e-003	0.0000	4.9000e-003			0.0000			0.0000
Off-Road	1.3397	15.6250	9.0656	0.0166		0.7715	0.7715		0.7098	0.7098	0.0000	1,721.4210	1,721.4210	0.5192		1,732.3251
Total	1.3397	15.6250	9.0656	0.0166	0.0453	0.7715	0.8168	4.9000e-003	0.7098	0.7147	0.0000	1,721.4210	1,721.4210	0.5192		1,732.3251

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.6310	7.1197	9.2797	0.0171	0.3163	0.0989	0.4152	0.0889	0.0910	0.1798		1,716.3045	1,716.3045	0.0140		1,716.5977
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	0.0450	0.0734	0.7678	1.7100e-003	0.1165	1.0900e-003	0.1176	0.0316	1.0000e-003	0.0326		142.4871	142.4871	7.6900e-003		142.6487
Total	0.6760	7.1931	10.0474	0.0188	0.4328	0.1000	0.5328	0.1204	0.0920	0.2124		1,858.7915	1,858.7915	0.0217		1,859.2464

3.6 Paving - Parking Lot - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.5415					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5864	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0360	0.0587	0.6142	1.3700e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		113.9897	113.9897	6.1600e-003		114.1189
Total	0.0360	0.0587	0.6142	1.3700e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		113.9897	113.9897	6.1600e-003		114.1189

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.5415					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.5864	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0360	0.0587	0.6142	1.3700e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		113.9897	113.9897	6.1600e-003		114.1189
Total	0.0360	0.0587	0.6142	1.3700e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		113.9897	113.9897	6.1600e-003		114.1189

3.7 Paving - Amusement Park - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8571	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0360	0.0587	0.6142	1.3700e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		113.9897	113.9897	6.1600e-003		114.1189
Total	0.0360	0.0587	0.6142	1.3700e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		113.9897	113.9897	6.1600e-003		114.1189

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8571	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0360	0.0587	0.6142	1.3700e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		113.9897	113.9897	6.1600e-003		114.1189
Total	0.0360	0.0587	0.6142	1.3700e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		113.9897	113.9897	6.1600e-003		114.1189

3.8 Paving - Hwy 18 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8571	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800		1,158.1884	1,158.1884	0.3494		1,165.5247

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0360	0.0587	0.6142	1.3700e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		113.9897	113.9897	6.1600e-003		114.1189
Total	0.0360	0.0587	0.6142	1.3700e-003	0.1204	8.7000e-004	0.1213	0.0319	8.0000e-004	0.0327		113.9897	113.9897	6.1600e-003		114.1189

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0449	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.8571	11.1930	7.4088	0.0111		0.6305	0.6305		0.5800	0.5800	0.0000	1,158.1884	1,158.1884	0.3494		1,165.5247

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0360	0.0587	0.6142	1.3700e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		113.9897	113.9897	6.1600e-003		114.1189
Total	0.0360	0.0587	0.6142	1.3700e-003	0.0932	8.7000e-004	0.0941	0.0253	8.0000e-004	0.0261		113.9897	113.9897	6.1600e-003		114.1189

3.8 Paving - Hwy 18 - 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					
Off-Road	0.9537	10.1482	7.3635	0.0112		0.5692	0.5692		0.5237	0.5237		1,140.5294	1,140.5294	0.3495		1,147.8680
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.7659	10.1482	7.3635	0.0112		0.5692	0.5692		0.5237	0.5237		1,140.5294	1,140.5294	0.3495		1,147.8680

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0317	0.0526	0.5499	1.3700e-003	0.1204	8.4000e-004	0.1213	0.0319	7.7000e-004	0.0327		109.5018	109.5018	5.6500e-003		109.6204
Total	0.0317	0.0526	0.5499	1.3700e-003	0.1204	8.4000e-004	0.1213	0.0319	7.7000e-004	0.0327		109.5018	109.5018	5.6500e-003		109.6204

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9537	10.1482	7.3635	0.0112		0.5692	0.5692		0.5237	0.5237	0.0000	1,140.5294	1,140.5294	0.3495		1,147.8680
Paving	0.8122					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.7659	10.1482	7.3635	0.0112		0.5692	0.5692		0.5237	0.5237	0.0000	1,140.5294	1,140.5294	0.3495		1,147.8680

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.0317	0.0526	0.5499	1.3700e-003	0.0932	8.4000e-004	0.0940	0.0253	7.7000e-004	0.0260		109.5018	109.5018	5.6500e-003		109.6204
Total	0.0317	0.0526	0.5499	1.3700e-003	0.0932	8.4000e-004	0.0940	0.0253	7.7000e-004	0.0260		109.5018	109.5018	5.6500e-003		109.6204

3.9 Architectural Coating - 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					
Archit. Coating	48.0959					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721
Total	48.4282	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733		281.4481	281.4481	0.0297		282.0721

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.2770	0.4603	4.8120	0.0120	1.0537	7.3300e-003	1.0610	0.2794	6.7600e-003	0.2862		958.1410	958.1410	0.0494		959.1786
Total	0.2770	0.4603	4.8120	0.0120	1.0537	7.3300e-003	1.0610	0.2794	6.7600e-003	0.2862		958.1410	958.1410	0.0494		959.1786

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	48.0959					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3323	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721
Total	48.4282	2.1850	1.8681	2.9700e-003		0.1733	0.1733		0.1733	0.1733	0.0000	281.4481	281.4481	0.0297		282.0721

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	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	0.2770	0.4603	4.8120	0.0120	0.8154	7.3300e-003	0.8228	0.2209	6.7600e-003	0.2277		958.1410	958.1410	0.0494		959.1786
Total	0.2770	0.4603	4.8120	0.0120	0.8154	7.3300e-003	0.8228	0.2209	6.7600e-003	0.2277		958.1410	958.1410	0.0494		959.1786

3.10 Construction - Amusement Park - 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					
Off-Road	0.5009	1.7407	1.9127	2.5600e-003		0.1278	0.1278		0.1278	0.1278		207.4777	207.4777	0.0449		208.4207
Total	0.5009	1.7407	1.9127	2.5600e-003		0.1278	0.1278		0.1278	0.1278		207.4777	207.4777	0.0449		208.4207

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2041	12.5113	15.4199	0.0337	0.9922	0.2044	1.1967	0.2832	0.1880	0.4713		3,328.3240	3,328.3240	0.0239		3,328.8267
Worker	1.3891	2.3079	24.1287	0.0601	5.2833	0.0368	5.3201	1.4010	0.0339	1.4349		4,804.3925	4,804.3925	0.2478		4,809.5954
Total	2.5932	14.8192	39.5486	0.0938	6.2756	0.2412	6.5168	1.6842	0.2219	1.9062		8,132.7165	8,132.7165	0.2717		8,138.4221

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5009	1.7407	1.9127	2.5600e-003		0.1278	0.1278		0.1278	0.1278	0.0000	207.4777	207.4777	0.0449		208.4207
Total	0.5009	1.7407	1.9127	2.5600e-003		0.1278	0.1278		0.1278	0.1278	0.0000	207.4777	207.4777	0.0449		208.4207

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2041	12.5113	15.4199	0.0337	0.8049	0.2044	1.0093	0.2373	0.1880	0.4253		3,328.3240	3,328.3240	0.0239		3,328.8267
Worker	1.3891	2.3079	24.1287	0.0601	4.0888	0.0368	4.1256	1.1078	0.0339	1.1417		4,804.3925	4,804.3925	0.2478		4,809.5954
Total	2.5932	14.8192	39.5486	0.0938	4.8937	0.2412	5.1349	1.3451	0.2219	1.5670		8,132.7165	8,132.7165	0.2717		8,138.4221

3.11 Construction - Hwy 18 - 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					
Off-Road	1.5070	14.9681	9.0273	0.0117		0.9422	0.9422		0.8668	0.8668		1,194.5650	1,194.5650	0.3660		1,202.2513
Total	1.5070	14.9681	9.0273	0.0117		0.9422	0.9422		0.8668	0.8668		1,194.5650	1,194.5650	0.3660		1,202.2513

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2041	12.5113	15.4199	0.0337	0.9922	0.2044	1.1967	0.2832	0.1880	0.4713		3,328.3240	3,328.3240	0.0239		3,328.8267
Worker	1.3891	2.3079	24.1287	0.0601	5.2833	0.0368	5.3201	1.4010	0.0339	1.4349		4,804.3925	4,804.3925	0.2478		4,809.5954
Total	2.5932	14.8192	39.5486	0.0938	6.2756	0.2412	6.5168	1.6842	0.2219	1.9062		8,132.7165	8,132.7165	0.2717		8,138.4221

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5070	14.9681	9.0273	0.0117		0.9422	0.9422		0.8668	0.8668	0.0000	1,194.5650	1,194.5650	0.3660		1,202.2513
Total	1.5070	14.9681	9.0273	0.0117		0.9422	0.9422		0.8668	0.8668	0.0000	1,194.5650	1,194.5650	0.3660		1,202.2513

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	1.2041	12.5113	15.4199	0.0337	0.8049	0.2044	1.0093	0.2373	0.1880	0.4253		3,328.3240	3,328.3240	0.0239		3,328.8267
Worker	1.3891	2.3079	24.1287	0.0601	4.0888	0.0368	4.1256	1.1078	0.0339	1.1417		4,804.3925	4,804.3925	0.2478		4,809.5954
Total	2.5932	14.8192	39.5486	0.0938	4.8937	0.2412	5.1349	1.3451	0.2219	1.5670		8,132.7165	8,132.7165	0.2717		8,138.4221

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	7.6450	33.7782	129.6997	0.4412	39.6834	0.6698	40.3532	10.6045	0.6163	11.2207		35,985.60 56	35,985.60 56	1.2982		36,012.86 72
Unmitigated	7.6450	33.7782	129.6997	0.4412	39.6834	0.6698	40.3532	10.6045	0.6163	11.2207		35,985.60 56	35,985.60 56	1.2982		36,012.86 72

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	562.06	2,600.03	2600.03	8,253,728	8,253,728
Total	562.06	2,600.03	2,600.03	8,253,728	8,253,728

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	18.50	0.00	7.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	18.50	0.00	7.90	0.00	0.00	0.00	0	0	0
Parking Lot	18.50	0.00	7.90	0.00	0.00	0.00	0	0	0
Strip Mall	36.00	36.00	36.00	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.935900	0.000000	0.000000	0.000000	0.000000	0.000000	0.046300	0.000000	0.017800	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
NaturalGas Mitigated	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003			17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964
NaturalGas Unmitigated	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003			17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964

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					
Other 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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	148.664	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964
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		1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964

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					
Other 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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.148664	1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964
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		1.6000e-003	0.0146	0.0122	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003		17.4899	17.4899	3.4000e-004	3.2000e-004	17.5964

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003
Unmitigated	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-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	3.9531					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Consumer Products	16.6779					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000	
Landscaping	4.2000e-004	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003
Total	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005			9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-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					
Architectural Coating	3.9531					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	16.6779					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.2000e-004	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003
Total	20.6314	4.0000e-005	4.3900e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.2300e-003	9.2300e-003	3.0000e-005		9.7700e-003

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Turf Reduction
- Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Vegetation

Skypark at Santa's Village
San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.00	Acre	1.00	43,560.00	0
Parking Lot	5.20	Acre	5.20	226,512.00	0
City Park	12.60	Acre	12.60	548,856.00	0
Strip Mall	23.39	1000sqft	0.54	23,389.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2017
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	630.89	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Project Acreage and Square Footage

Construction Phase - Construction Phasing

Off-road Equipment - Minimal equipment for amusement park construction

Off-road Equipment - Minimal equipment for Hwy 18 demo

Off-road Equipment - Amusement Park gardening (including the meadow)

Off-road Equipment - construction equipment per questionnaire

Off-road Equipment - Equipment for parking lot paving

Off-road Equipment - Paving - Amusement Park

Off-road Equipment - Hwy 18 paving

Off-road Equipment - Minimal equipmet for amusement park construction

Off-road Equipment - Minimal equipment for Hwy 18 construction

Off-road Equipment -

Grading - Acreage for Amusement Park and Hwy 18 grading

Demolition -

Trips and VMT - Grading hauling distances

Vehicle Trips - Trip rate per Traffic Study. Total trips assigned to one land use.

Vehicle Emission Factors - Fleet mix per Traffic Study

Vehicle Emission Factors - Fleet mix per Traffic Study

Vehicle Emission Factors - Fleet mix per Traffic Study

Construction Off-road Equipment Mitigation - per SCAQMD Rule 403

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Area Mitigation -

Architectural Coating - Building exteriors would not change

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	311,300.00	0.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	100.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstructionPhase	NumDays	20.00	90.00
tblConstructionPhase	NumDays	300.00	40.00
tblConstructionPhase	NumDays	20.00	10.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	300.00	20.00
tblConstructionPhase	PhaseEndDate	5/26/2017	5/5/2017

tblConstructionPhase	PhaseEndDate	6/30/2017	3/17/2017
tblConstructionPhase	PhaseEndDate	4/14/2017	2/17/2017
tblConstructionPhase	PhaseStartDate	1/21/2017	1/1/2017
tblConstructionPhase	PhaseStartDate	5/6/2017	1/21/2017
tblConstructionPhase	PhaseStartDate	3/18/2017	1/21/2017
tblGrading	AcresOfGrading	0.00	13.00
tblGrading	AcresOfGrading	0.00	2.00
tblGrading	MaterialExported	0.00	2,000.00
tblGrading	MaterialImported	0.00	11,000.00
tblLandUse	LandUseSquareFeet	23,390.00	23,389.00
tblOffRoadEquipment	HorsePower	199.00	255.00
tblOffRoadEquipment	LoadFactor	0.36	0.40
tblOffRoadEquipment	OffRoadEquipmentType	Rubber Tired Dozers	Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	OperationalYear	2014	2017
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripLength	20.00	0.10
tblTripsAndVMT	HaulingTripLength	20.00	8.30
tblTripsAndVMT	WorkerTripNumber	23.00	20.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	HHD	0.04	0.00
tblVehicleEF	LDA	0.47	0.94
tblVehicleEF	LDA	0.47	0.94
tblVehicleEF	LDA	0.47	0.94
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.07	0.00
tblVehicleEF	LDT1	0.07	0.00

tblVehicleEF	LDT2	0.17	0.00
tblVehicleEF	LDT2	0.17	0.00
tblVehicleEF	LDT2	0.17	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD1	0.06	0.00
tblVehicleEF	LHD2	9.0390e-003	0.00
tblVehicleEF	LHD2	9.0390e-003	0.00
tblVehicleEF	LHD2	9.0390e-003	0.00
tblVehicleEF	MCY	4.9210e-003	0.00
tblVehicleEF	MCY	4.9210e-003	0.00
tblVehicleEF	MCY	4.9210e-003	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MDV	0.16	0.00
tblVehicleEF	MH	2.9320e-003	0.00
tblVehicleEF	MH	2.9320e-003	0.00
tblVehicleEF	MH	2.9320e-003	0.00
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	OBUS	1.1220e-003	0.02
tblVehicleEF	OBUS	1.1220e-003	0.02
tblVehicleEF	OBUS	1.1220e-003	0.02
tblVehicleEF	SBUS	7.1200e-004	0.00
tblVehicleEF	SBUS	7.1200e-004	0.00
tblVehicleEF	SBUS	7.1200e-004	0.00
tblVehicleEF	UBUS	1.3340e-003	0.00
tblVehicleEF	UBUS	1.3340e-003	0.00
tblVehicleEF	UBUS	1.3340e-003	0.00
tblVehicleTrips	CC_TL	10.10	0.00

tblVehicleTrips	CC_TL	10.10	0.00
tblVehicleTrips	CC_TL	10.10	0.00
tblVehicleTrips	CC_TL	10.10	36.00
tblVehicleTrips	CNW_TL	7.90	36.00
tblVehicleTrips	CW_TL	18.50	36.00
tblVehicleTrips	ST_TR	1.59	0.00
tblVehicleTrips	ST_TR	42.04	111.16
tblVehicleTrips	SU_TR	1.59	0.00
tblVehicleTrips	SU_TR	20.43	111.16
tblVehicleTrips	WD_TR	1.59	0.00
tblVehicleTrips	WD_TR	44.32	24.03

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					
2016	0.1168	1.0586	0.8003	1.2500e-003	0.0803	0.0518	0.1320	0.0372	0.0478	0.0850	0.0000	115.0559	115.0559	0.0277	0.0000	115.6383
2017	2.3056	0.8354	1.7217	3.7900e-003	0.2322	0.0316	0.2638	0.0623	0.0299	0.0922	0.0000	298.0895	298.0895	0.0172	0.0000	298.4500
Total	2.4224	1.8940	2.5220	5.0400e-003	0.3124	0.0834	0.3958	0.0994	0.0777	0.1771	0.0000	413.1454	413.1454	0.0449	0.0000	414.0882

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					
2016	0.1168	1.0586	0.8003	1.2500e-003	0.0386	0.0518	0.0903	0.0171	0.0478	0.0649	0.0000	115.0558	115.0558	0.0277	0.0000	115.6382
2017	2.3056	0.8354	1.7217	3.7900e-003	0.1809	0.0316	0.2125	0.0497	0.0299	0.0796	0.0000	298.0894	298.0894	0.0172	0.0000	298.4499
Total	2.4224	1.8940	2.5220	5.0400e-003	0.2195	0.0834	0.3029	0.0668	0.0777	0.1444	0.0000	413.1452	413.1452	0.0449	0.0000	414.0881

	ROG	NOx	CO	SO2	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	29.75	0.00	23.48	32.85	0.00	18.45	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.7652	1.0000e-005	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1100e-003
Energy	2.9000e-004	2.6600e-003	2.2300e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	164.7523	164.7523	7.5000e-003	1.5900e-003	165.4034
Mobile	0.5993	2.7734	10.7597	0.0358	3.1190	0.0535	3.1724	0.8348	0.0492	0.8840	0.0000	2,646.3291	2,646.3291	0.0942	0.0000	2,648.3074
Waste						0.0000	0.0000		0.0000	0.0000	5.2047	0.0000	5.2047	0.3076	0.0000	11.6640
Water						0.0000	0.0000		0.0000	0.0000	0.5497	57.5619	58.1115	0.0591	1.8800e-003	59.9356
Total	4.3647	2.7760	10.7625	0.0358	3.1190	0.0537	3.1726	0.8348	0.0494	0.8842	5.7544	2,868.6444	2,874.3987	0.4684	3.4700e-003	2,885.3115

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	3.7652	1.0000e-005	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1100e-003
Energy	2.9000e-004	2.6600e-003	2.2300e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	143.1436	143.1436	6.5000e-003	1.3900e-003	143.7101
Mobile	0.5993	2.7734	10.7597	0.0358	3.1190	0.0535	3.1724	0.8348	0.0492	0.8840	0.0000	2,646.3291	2,646.3291	0.0942	0.0000	2,648.3074
Waste						0.0000	0.0000		0.0000	0.0000	2.6023	0.0000	2.6023	0.1538	0.0000	5.8320
Water						0.0000	0.0000		0.0000	0.0000	0.4397	53.1532	53.5930	0.0476	1.5700e-003	55.0793
Total	4.3647	2.7760	10.7625	0.0358	3.1190	0.0537	3.1726	0.8348	0.0494	0.8842	3.0421	2,842.6270	2,845.6691	0.3021	2.9600e-003	2,852.9299

	ROG	NOx	CO	SO2	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	47.13	0.91	1.00	35.50	14.70	1.12

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 - Amusement Park	Demolition	8/1/2016	8/12/2016	5	10	
2	Demolition - Hwy 18	Demolition	8/13/2016	8/19/2016	5	5	
3	Grading - Amusement Park	Grading	8/20/2016	9/16/2016	5	20	
4	Grading - Hwy 18	Grading	9/17/2016	10/14/2016	5	20	
5	Paving - Parking Lot	Paving	10/15/2016	11/25/2016	5	30	
6	Paving - Amusement Park	Paving	11/26/2016	12/23/2016	5	20	
7	Paving - Hwy 18	Paving	12/24/2016	1/20/2017	5	20	
8	Architectural Coating	Architectural Coating	1/1/2017	5/5/2017	5	90	
9	Construction - Amusement Park	Building Construction	1/21/2017	3/17/2017	5	40	
10	Construction - Hwy 18	Building Construction	1/21/2017	2/17/2017	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: 933,901; Non-Residential Outdoor: 0 (Architectural Coating –

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition - Amusement Park	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition - Amusement Park	Excavators	0	8.00	162	0.38
Demolition - Amusement Park	Rubber Tired Dozers	0	8.00	255	0.40
Demolition - Hwy 18	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition - Hwy 18	Excavators	0	8.00	162	0.38
Demolition - Hwy 18	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Amusement Park	Excavators	2	8.00	162	0.38
Grading - Amusement Park	Graders	0	8.00	174	0.41
Grading - Amusement Park	Rubber Tired Loaders	2	8.00	255	0.40
Grading - Amusement Park	Scrapers	0	8.00	361	0.48
Grading - Amusement Park	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - Hwy 18	Excavators	1	8.00	162	0.38
Grading - Hwy 18	Graders	0	8.00	174	0.41
Grading - Hwy 18	Rubber Tired Dozers	0	8.00	255	0.40
Grading - Hwy 18	Scrapers	0	8.00	361	0.48
Grading - Hwy 18	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving - Parking Lot	Pavers	1	8.00	125	0.42
Paving - Parking Lot	Paving Equipment	1	8.00	130	0.36
Paving - Parking Lot	Rollers	1	8.00	80	0.38
Paving - Amusement Park	Pavers	1	8.00	125	0.42
Paving - Amusement Park	Paving Equipment	1	8.00	130	0.36
Paving - Amusement Park	Rollers	1	8.00	80	0.38
Construction - Amusement Park	Cranes	0	7.00	226	0.29
Construction - Amusement Park	Forklifts	0	8.00	89	0.20
Construction - Amusement Park	Generator Sets	0	8.00	84	0.74
Construction - Amusement Park	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Construction - Amusement Park	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Construction - Hwy 18	Cranes	0	7.00	226	0.29

Construction - Hwy 18	Forklifts	0	8.00	89	0.20
Construction - Hwy 18	Generator Sets	0	8.00	84	0.74
Paving - Hwy 18	Pavers	1	8.00	125	0.42
Paving - Hwy 18	Paving Equipment	1	8.00	130	0.36
Paving - Hwy 18	Rollers	1	8.00	80	0.38
Construction - Hwy 18	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Construction - Hwy 18	Welders	0	8.00	46	0.45
Demolition - Hwy 18	Skid Steer Loaders	1	8.00	64	0.37
Grading - Amusement Park	Skid Steer Loaders	2	8.00	64	0.37
Grading - Hwy 18	Rubber Tired Loaders	1	8.00	199	0.36
Grading - Hwy 18	Skid Steer Loaders	1	8.00	64	0.37
Construction - Hwy 18	Graders	1	8.00	174	0.41
Grading - Amusement Park	Rubber Tired Dozers	1	8.00	255	0.40

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 - Amusement Park	1	3.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition - Hwy 18	1	3.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Amusement Park	9	20.00	0.00	250.00	19.80	7.90	0.10	LD_Mix	HDT_Mix	HHDT
Grading - Hwy 18	4	10.00	0.00	1,088.00	19.80	7.90	8.30	LD_Mix	HDT_Mix	HHDT
Paving - Parking Lot	3	8.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Amusement Park	3	8.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Construction - Amusement Park	1	351.00	138.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	70.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Construction - Hwy 18	3	351.00	138.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Hwy 18	3	8.00	0.00	0.00	19.80	7.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - Amusement Park - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2300e-003	0.0231	0.0189	3.0000e-005		1.7400e-003	1.7400e-003		1.7400e-003	1.7400e-003	0.0000	2.6883	2.6883	2.6000e-004	0.0000	2.6938
Total	3.2300e-003	0.0231	0.0189	3.0000e-005	1.0000e-005	1.7400e-003	1.7500e-003	0.0000	1.7400e-003	1.7400e-003	0.0000	2.6883	2.6883	2.6000e-004	0.0000	2.6938

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.0000e-005	1.1000e-004	1.2000e-003	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1969	0.1969	1.0000e-005	0.0000	0.1971
Total	6.0000e-005	1.1000e-004	1.2000e-003	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1969	0.1969	1.0000e-005	0.0000	0.1971

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2300e-003	0.0231	0.0189	3.0000e-005		1.7400e-003	1.7400e-003		1.7400e-003	1.7400e-003	0.0000	2.6883	2.6883	2.6000e-004	0.0000	2.6938
Total	3.2300e-003	0.0231	0.0189	3.0000e-005	0.0000	1.7400e-003	1.7400e-003	0.0000	1.7400e-003	1.7400e-003	0.0000	2.6883	2.6883	2.6000e-004	0.0000	2.6938

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	6.0000e-005	1.1000e-004	1.2000e-003	0.0000	1.7000e-004	0.0000	1.7000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1969	0.1969	1.0000e-005	0.0000	0.1971
Total	6.0000e-005	1.1000e-004	1.2000e-003	0.0000	1.7000e-004	0.0000	1.7000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1969	0.1969	1.0000e-005	0.0000	0.1971

3.3 Demolition - Hwy 18 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	3.6900e-003	3.4700e-003	1.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	0.0000	0.4796	0.4796	1.4000e-004	0.0000	0.4826
Total	2.9000e-004	3.6900e-003	3.4700e-003	1.0000e-005	5.0000e-005	2.1000e-004	2.6000e-004	1.0000e-005	1.9000e-004	2.0000e-004	0.0000	0.4796	0.4796	1.4000e-004	0.0000	0.4826

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.0000e-005	6.0000e-005	6.0000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0985	0.0985	1.0000e-005	0.0000	0.0986
Total	3.0000e-005	6.0000e-005	6.0000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0985	0.0985	1.0000e-005	0.0000	0.0986

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9000e-004	3.6900e-003	3.4700e-003	1.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	0.0000	0.4796	0.4796	1.4000e-004	0.0000	0.4826
Total	2.9000e-004	3.6900e-003	3.4700e-003	1.0000e-005	2.0000e-005	2.1000e-004	2.3000e-004	0.0000	1.9000e-004	1.9000e-004	0.0000	0.4796	0.4796	1.4000e-004	0.0000	0.4826

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.0000e-005	6.0000e-005	6.0000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0985	0.0985	1.0000e-005	0.0000	0.0986
Total	3.0000e-005	6.0000e-005	6.0000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0985	0.0985	1.0000e-005	0.0000	0.0986

3.4 Grading - Amusement Park - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0672	0.0000	0.0672	0.0339	0.0000	0.0339	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0433	0.4884	0.3270	4.7000e-004		0.0237	0.0237		0.0218	0.0218	0.0000	44.3981	44.3981	0.0134	0.0000	44.6793
Total	0.0433	0.4884	0.3270	4.7000e-004	0.0672	0.0237	0.0910	0.0339	0.0218	0.0557	0.0000	44.3981	44.3981	0.0134	0.0000	44.6793

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.9000e-004	2.7900e-003	0.0178	0.0000	1.0000e-005	1.0000e-005	2.0000e-005	0.0000	1.0000e-005	1.0000e-005	0.0000	0.2377	0.2377	1.0000e-005	0.0000	0.2378
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	8.6000e-004	1.5300e-003	0.0160	3.0000e-005	2.9500e-003	2.0000e-005	2.9700e-003	7.8000e-004	2.0000e-005	8.0000e-004	0.0000	2.6253	2.6253	1.4000e-004	0.0000	2.6283
Total	1.7500e-003	4.3200e-003	0.0338	3.0000e-005	2.9600e-003	3.0000e-005	2.9900e-003	7.8000e-004	3.0000e-005	8.1000e-004	0.0000	2.8630	2.8630	1.5000e-004	0.0000	2.8661

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0287	0.0000	0.0287	0.0145	0.0000	0.0145	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0433	0.4884	0.3270	4.7000e-004		0.0237	0.0237		0.0218	0.0218	0.0000	44.3980	44.3980	0.0134	0.0000	44.6793
Total	0.0433	0.4884	0.3270	4.7000e-004	0.0287	0.0237	0.0525	0.0145	0.0218	0.0363	0.0000	44.3980	44.3980	0.0134	0.0000	44.6793

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.9000e-004	2.7900e-003	0.0178	0.0000	1.0000e-005	1.0000e-005	2.0000e-005	0.0000	1.0000e-005	1.0000e-005	0.0000	0.2377	0.2377	1.0000e-005	0.0000	0.2378
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	8.6000e-004	1.5300e-003	0.0160	3.0000e-005	2.2900e-003	2.0000e-005	2.3100e-003	6.2000e-004	2.0000e-005	6.4000e-004	0.0000	2.6253	2.6253	1.4000e-004	0.0000	2.6283
Total	1.7500e-003	4.3200e-003	0.0338	3.0000e-005	2.3000e-003	3.0000e-005	2.3300e-003	6.2000e-004	3.0000e-005	6.5000e-004	0.0000	2.8630	2.8630	1.5000e-004	0.0000	2.8661

3.5 Grading - Hwy 18 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0600e-003	0.0000	1.0600e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0134	0.1563	0.0907	1.7000e-004		7.7200e-003	7.7200e-003		7.1000e-003	7.1000e-003	0.0000	15.6165	15.6165	4.7100e-003	0.0000	15.7154
Total	0.0134	0.1563	0.0907	1.7000e-004	1.0600e-003	7.7200e-003	8.7800e-003	1.1000e-004	7.1000e-003	7.2100e-003	0.0000	15.6165	15.6165	4.7100e-003	0.0000	15.7154

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-003	0.0724	0.0954	1.7000e-004	3.8700e-003	9.9000e-004	4.8600e-003	1.0600e-003	9.1000e-004	1.9700e-003	0.0000	15.6206	15.6206	1.2000e-004	0.0000	15.6233
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	4.3000e-004	7.6000e-004	7.9700e-003	2.0000e-005	1.4800e-003	1.0000e-005	1.4900e-003	3.9000e-004	1.0000e-005	4.0000e-004	0.0000	1.3127	1.3127	7.0000e-005	0.0000	1.3141
Total	6.7300e-003	0.0732	0.1034	1.9000e-004	5.3500e-003	1.0000e-003	6.3500e-003	1.4500e-003	9.2000e-004	2.3700e-003	0.0000	16.9333	16.9333	1.9000e-004	0.0000	16.9374

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.5000e-004	0.0000	4.5000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0134	0.1563	0.0907	1.7000e-004		7.7200e-003	7.7200e-003		7.1000e-003	7.1000e-003	0.0000	15.6165	15.6165	4.7100e-003	0.0000	15.7154
Total	0.0134	0.1563	0.0907	1.7000e-004	4.5000e-004	7.7200e-003	8.1700e-003	5.0000e-005	7.1000e-003	7.1500e-003	0.0000	15.6165	15.6165	4.7100e-003	0.0000	15.7154

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-003	0.0724	0.0954	1.7000e-004	3.1100e-003	9.9000e-004	4.1000e-003	8.8000e-004	9.1000e-004	1.7800e-003	0.0000	15.6206	15.6206	1.2000e-004	0.0000	15.6233
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	4.3000e-004	7.6000e-004	7.9700e-003	2.0000e-005	1.1400e-003	1.0000e-005	1.1500e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.3127	1.3127	7.0000e-005	0.0000	1.3141
Total	6.7300e-003	0.0732	0.1034	1.9000e-004	4.2500e-003	1.0000e-003	5.2500e-003	1.1900e-003	9.2000e-004	2.1000e-003	0.0000	16.9333	16.9333	1.9000e-004	0.0000	16.9374

3.6 Paving - Parking Lot - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0157	0.1679	0.1111	1.7000e-004		9.4600e-003	9.4600e-003		8.7000e-003	8.7000e-003	0.0000	15.7604	15.7604	4.7500e-003	0.0000	15.8602
Paving	8.1200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0238	0.1679	0.1111	1.7000e-004		9.4600e-003	9.4600e-003		8.7000e-003	8.7000e-003	0.0000	15.7604	15.7604	4.7500e-003	0.0000	15.8602

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.2000e-004	9.2000e-004	9.5700e-003	2.0000e-005	1.7700e-003	1.0000e-005	1.7800e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.5752	1.5752	8.0000e-005	0.0000	1.5770
Total	5.2000e-004	9.2000e-004	9.5700e-003	2.0000e-005	1.7700e-003	1.0000e-005	1.7800e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.5752	1.5752	8.0000e-005	0.0000	1.5770

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0157	0.1679	0.1111	1.7000e-004		9.4600e-003	9.4600e-003		8.7000e-003	8.7000e-003	0.0000	15.7603	15.7603	4.7500e-003	0.0000	15.8602
Paving	8.1200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0238	0.1679	0.1111	1.7000e-004		9.4600e-003	9.4600e-003		8.7000e-003	8.7000e-003	0.0000	15.7603	15.7603	4.7500e-003	0.0000	15.8602

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	5.2000e-004	9.2000e-004	9.5700e-003	2.0000e-005	1.3700e-003	1.0000e-005	1.3900e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.5752	1.5752	8.0000e-005	0.0000	1.5770
Total	5.2000e-004	9.2000e-004	9.5700e-003	2.0000e-005	1.3700e-003	1.0000e-005	1.3900e-003	3.7000e-004	1.0000e-005	3.8000e-004	0.0000	1.5752	1.5752	8.0000e-005	0.0000	1.5770

3.7 Paving - Amusement Park - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0105	0.1119	0.0741	1.1000e-004		6.3000e-003	6.3000e-003		5.8000e-003	5.8000e-003	0.0000	10.5069	10.5069	3.1700e-003	0.0000	10.5735
Paving	8.1200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0186	0.1119	0.0741	1.1000e-004		6.3000e-003	6.3000e-003		5.8000e-003	5.8000e-003	0.0000	10.5069	10.5069	3.1700e-003	0.0000	10.5735

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.5000e-004	6.1000e-004	6.3800e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.0501	1.0501	6.0000e-005	0.0000	1.0513
Total	3.5000e-004	6.1000e-004	6.3800e-003	1.0000e-005	1.1800e-003	1.0000e-005	1.1900e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.0501	1.0501	6.0000e-005	0.0000	1.0513

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0105	0.1119	0.0741	1.1000e-004		6.3000e-003	6.3000e-003		5.8000e-003	5.8000e-003	0.0000	10.5069	10.5069	3.1700e-003	0.0000	10.5735
Paving	8.1200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0186	0.1119	0.0741	1.1000e-004		6.3000e-003	6.3000e-003		5.8000e-003	5.8000e-003	0.0000	10.5069	10.5069	3.1700e-003	0.0000	10.5735

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.5000e-004	6.1000e-004	6.3800e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	1.0501	1.0501	6.0000e-005	0.0000	1.0513
Total	3.5000e-004	6.1000e-004	6.3800e-003	1.0000e-005	9.1000e-004	1.0000e-005	9.2000e-004	2.5000e-004	1.0000e-005	2.6000e-004	0.0000	1.0501	1.0501	6.0000e-005	0.0000	1.0513

3.8 Paving - Hwy 18 - 2016

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6100e-003	0.0280	0.0185	3.0000e-005		1.5800e-003	1.5800e-003		1.4500e-003	1.4500e-003	0.0000	2.6267	2.6267	7.9000e-004	0.0000	2.6434
Paving	2.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.6400e-003	0.0280	0.0185	3.0000e-005		1.5800e-003	1.5800e-003		1.4500e-003	1.4500e-003	0.0000	2.6267	2.6267	7.9000e-004	0.0000	2.6434

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	1.5000e-004	1.5900e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2625	0.2625	1.0000e-005	0.0000	0.2628
Total	9.0000e-005	1.5000e-004	1.5900e-003	0.0000	3.0000e-004	0.0000	3.0000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.2625	0.2625	1.0000e-005	0.0000	0.2628

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6100e-003	0.0280	0.0185	3.0000e-005		1.5800e-003	1.5800e-003		1.4500e-003	1.4500e-003	0.0000	2.6267	2.6267	7.9000e-004	0.0000	2.6434
Paving	2.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.6400e-003	0.0280	0.0185	3.0000e-005		1.5800e-003	1.5800e-003		1.4500e-003	1.4500e-003	0.0000	2.6267	2.6267	7.9000e-004	0.0000	2.6434

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	9.0000e-005	1.5000e-004	1.5900e-003	0.0000	2.3000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2625	0.2625	1.0000e-005	0.0000	0.2628
Total	9.0000e-005	1.5000e-004	1.5900e-003	0.0000	2.3000e-004	0.0000	2.3000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.2625	0.2625	1.0000e-005	0.0000	0.2628

3.8 Paving - Hwy 18 - 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					
Off-Road	7.1500e-003	0.0761	0.0552	8.0000e-005		4.2700e-003	4.2700e-003		3.9300e-003	3.9300e-003	0.0000	7.7600	7.7600	2.3800e-003	0.0000	7.8100
Paving	6.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0132	0.0761	0.0552	8.0000e-005		4.2700e-003	4.2700e-003		3.9300e-003	3.9300e-003	0.0000	7.7600	7.7600	2.3800e-003	0.0000	7.8100

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	2.3000e-004	4.1000e-004	4.2800e-003	1.0000e-005	8.9000e-004	1.0000e-005	8.9000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.7566	0.7566	4.0000e-005	0.0000	0.7574
Total	2.3000e-004	4.1000e-004	4.2800e-003	1.0000e-005	8.9000e-004	1.0000e-005	8.9000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.7566	0.7566	4.0000e-005	0.0000	0.7574

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.1500e-003	0.0761	0.0552	8.0000e-005		4.2700e-003	4.2700e-003		3.9300e-003	3.9300e-003	0.0000	7.7600	7.7600	2.3800e-003	0.0000	7.8100
Paving	6.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0132	0.0761	0.0552	8.0000e-005		4.2700e-003	4.2700e-003		3.9300e-003	3.9300e-003	0.0000	7.7600	7.7600	2.3800e-003	0.0000	7.8100

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	2.3000e-004	4.1000e-004	4.2800e-003	1.0000e-005	6.9000e-004	1.0000e-005	6.9000e-004	1.9000e-004	1.0000e-005	1.9000e-004	0.0000	0.7566	0.7566	4.0000e-005	0.0000	0.7574
Total	2.3000e-004	4.1000e-004	4.2800e-003	1.0000e-005	6.9000e-004	1.0000e-005	6.9000e-004	1.9000e-004	1.0000e-005	1.9000e-004	0.0000	0.7566	0.7566	4.0000e-005	0.0000	0.7574

3.9 Architectural Coating - 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					
Archit. Coating	2.1643					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0983	0.0841	1.3000e-004		7.8000e-003	7.8000e-003		7.8000e-003	7.8000e-003	0.0000	11.4896	11.4896	1.2100e-003	0.0000	11.5151
Total	2.1793	0.0983	0.0841	1.3000e-004		7.8000e-003	7.8000e-003		7.8000e-003	7.8000e-003	0.0000	11.4896	11.4896	1.2100e-003	0.0000	11.5151

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0119	0.0216	0.2248	5.5000e-004	0.0465	3.3000e-004	0.0468	0.0124	3.0000e-004	0.0127	0.0000	39.7220	39.7220	2.0200e-003	0.0000	39.7643
Total	0.0119	0.0216	0.2248	5.5000e-004	0.0465	3.3000e-004	0.0468	0.0124	3.0000e-004	0.0127	0.0000	39.7220	39.7220	2.0200e-003	0.0000	39.7643

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.1643					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0150	0.0983	0.0841	1.3000e-004		7.8000e-003	7.8000e-003		7.8000e-003	7.8000e-003	0.0000	11.4896	11.4896	1.2100e-003	0.0000	11.5151
Total	2.1793	0.0983	0.0841	1.3000e-004		7.8000e-003	7.8000e-003		7.8000e-003	7.8000e-003	0.0000	11.4896	11.4896	1.2100e-003	0.0000	11.5151

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	0.0119	0.0216	0.2248	5.5000e-004	0.0360	3.3000e-004	0.0364	9.7800e-003	3.0000e-004	0.0101	0.0000	39.7220	39.7220	2.0200e-003	0.0000	39.7643
Total	0.0119	0.0216	0.2248	5.5000e-004	0.0360	3.3000e-004	0.0364	9.7800e-003	3.0000e-004	0.0101	0.0000	39.7220	39.7220	2.0200e-003	0.0000	39.7643

3.10 Construction - Amusement Park - 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					
Off-Road	0.0100	0.0348	0.0383	5.0000e-005		2.5600e-003	2.5600e-003		2.5600e-003	2.5600e-003	0.0000	3.7644	3.7644	8.1000e-004	0.0000	3.7815
Total	0.0100	0.0348	0.0383	5.0000e-005		2.5600e-003	2.5600e-003		2.5600e-003	2.5600e-003	0.0000	3.7644	3.7644	8.1000e-004	0.0000	3.7815

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0239	0.2550	0.3155	6.8000e-004	0.0195	4.0700e-003	0.0236	5.5900e-003	3.7400e-003	9.3300e-003	0.0000	60.6500	60.6500	4.3000e-004	0.0000	60.6590
Worker	0.0266	0.0480	0.5010	1.2200e-003	0.1037	7.4000e-004	0.1044	0.0275	6.8000e-004	0.0282	0.0000	88.5233	88.5233	4.5000e-003	0.0000	88.6177
Total	0.0506	0.3030	0.8165	1.9000e-003	0.1232	4.8100e-003	0.1280	0.0331	4.4200e-003	0.0375	0.0000	149.1733	149.1733	4.9300e-003	0.0000	149.2766

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0100	0.0348	0.0383	5.0000e-005		2.5600e-003	2.5600e-003		2.5600e-003	2.5600e-003	0.0000	3.7644	3.7644	8.1000e-004	0.0000	3.7815
Total	0.0100	0.0348	0.0383	5.0000e-005		2.5600e-003	2.5600e-003		2.5600e-003	2.5600e-003	0.0000	3.7644	3.7644	8.1000e-004	0.0000	3.7815

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0239	0.2550	0.3155	6.8000e-004	0.0159	4.0700e-003	0.0199	4.6900e-003	3.7400e-003	8.4300e-003	0.0000	60.6500	60.6500	4.3000e-004	0.0000	60.6590
Worker	0.0266	0.0480	0.5010	1.2200e-003	0.0803	7.4000e-004	0.0810	0.0218	6.8000e-004	0.0225	0.0000	88.5233	88.5233	4.5000e-003	0.0000	88.6177
Total	0.0506	0.3030	0.8165	1.9000e-003	0.0962	4.8100e-003	0.1010	0.0265	4.4200e-003	0.0309	0.0000	149.1733	149.1733	4.9300e-003	0.0000	149.2766

3.11 Construction - Hwy 18 - 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					
Off-Road	0.0151	0.1497	0.0903	1.2000e-004		9.4200e-003	9.4200e-003		8.6700e-003	8.6700e-003	0.0000	10.8369	10.8369	3.3200e-003	0.0000	10.9066
Total	0.0151	0.1497	0.0903	1.2000e-004		9.4200e-003	9.4200e-003		8.6700e-003	8.6700e-003	0.0000	10.8369	10.8369	3.3200e-003	0.0000	10.9066

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0120	0.1275	0.1578	3.4000e-004	9.7600e-003	2.0300e-003	0.0118	2.7900e-003	1.8700e-003	4.6600e-003	0.0000	30.3250	30.3250	2.1000e-004	0.0000	30.3295
Worker	0.0133	0.0240	0.2505	6.1000e-004	0.0518	3.7000e-004	0.0522	0.0138	3.4000e-004	0.0141	0.0000	44.2616	44.2616	2.2500e-003	0.0000	44.3088
Total	0.0253	0.1515	0.4083	9.5000e-004	0.0616	2.4000e-003	0.0640	0.0166	2.2100e-003	0.0188	0.0000	74.5866	74.5866	2.4600e-003	0.0000	74.6383

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0151	0.1497	0.0903	1.2000e-004		9.4200e-003	9.4200e-003		8.6700e-003	8.6700e-003	0.0000	10.8369	10.8369	3.3200e-003	0.0000	10.9066
Total	0.0151	0.1497	0.0903	1.2000e-004		9.4200e-003	9.4200e-003		8.6700e-003	8.6700e-003	0.0000	10.8369	10.8369	3.3200e-003	0.0000	10.9066

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0120	0.1275	0.1578	3.4000e-004	7.9300e-003	2.0300e-003	9.9700e-003	2.3400e-003	1.8700e-003	4.2100e-003	0.0000	30.3250	30.3250	2.1000e-004	0.0000	30.3295
Worker	0.0133	0.0240	0.2505	6.1000e-004	0.0401	3.7000e-004	0.0405	0.0109	3.4000e-004	0.0112	0.0000	44.2616	44.2616	2.2500e-003	0.0000	44.3088
Total	0.0253	0.1515	0.4083	9.5000e-004	0.0481	2.4000e-003	0.0505	0.0132	2.2100e-003	0.0154	0.0000	74.5866	74.5866	2.4600e-003	0.0000	74.6383

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	0.5993	2.7734	10.7597	0.0358	3.1190	0.0535	3.1724	0.8348	0.0492	0.8840	0.0000	2,646.3291	2,646.3291	0.0942	0.0000	2,648.3074
Unmitigated	0.5993	2.7734	10.7597	0.0358	3.1190	0.0535	3.1724	0.8348	0.0492	0.8840	0.0000	2,646.3291	2,646.3291	0.0942	0.0000	2,648.3074

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	562.06	2,600.03	2600.03	8,253,728	8,253,728
Total	562.06	2,600.03	2,600.03	8,253,728	8,253,728

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	18.50	0.00	7.90	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	18.50	0.00	7.90	0.00	0.00	0.00	0	0	0
Parking Lot	18.50	0.00	7.90	0.00	0.00	0.00	0	0	0
Strip Mall	36.00	36.00	36.00	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.935900	0.000000	0.000000	0.000000	0.000000	0.000000	0.046300	0.000000	0.017800	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	140.2479	140.2479	6.4500e-003	1.3300e-003	140.7968
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	161.8567	161.8567	7.4400e-003	1.5400e-003	162.4901
NaturalGas Mitigated	2.9000e-004	2.6600e-003	2.2300e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8957	2.8957	6.0000e-005	5.0000e-005	2.9133
NaturalGas Unmitigated	2.9000e-004	2.6600e-003	2.2300e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8957	2.8957	6.0000e-005	5.0000e-005	2.9133

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other 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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	54262.5	2.9000e-004	2.6600e-003	2.2300e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8957	2.8957	6.0000e-005	5.0000e-005	2.9133
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	0.0000
Total		2.9000e-004	2.6600e-003	2.2300e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8957	2.8957	6.0000e-005	5.0000e-005	2.9133

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 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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	54262.5	2.9000e-004	2.6600e-003	2.2300e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8957	2.8957	6.0000e-005	5.0000e-005	2.9133
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	0.0000
Total		2.9000e-004	2.6600e-003	2.2300e-003	2.0000e-005		2.0000e-004	2.0000e-004		2.0000e-004	2.0000e-004	0.0000	2.8957	2.8957	6.0000e-005	5.0000e-005	2.9133

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	199331	57.0418	2.6200e-003	5.4000e-004	57.2650
Strip Mall	366272	104.8148	4.8200e-003	1.0000e-003	105.2250
Total		161.8567	7.4400e-003	1.5400e-003	162.4901

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	159464	45.6335	2.1000e-003	4.3000e-004	45.8120
Strip Mall	330627	94.6145	4.3500e-003	9.0000e-004	94.9848
Total		140.2479	6.4500e-003	1.3300e-003	140.7968

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	3.7652	1.0000e-005	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1100e-003
Unmitigated	3.7652	1.0000e-005	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1100e-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	tons/yr										MT/yr					
Architectural Coating	0.7214					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.0437					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1100e-003
Total	3.7652	1.0000e-005	5.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1100e-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	tons/yr										MT/yr					
Architectural Coating	0.7214						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.0437						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.5000e-004	0.0000			0.0000	0.0000		0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1100e-003
Total	3.7652	1.0000e-005	5.5000e-004	0.0000			0.0000	0.0000		0.0000	0.0000	1.0500e-003	1.0500e-003	0.0000	0.0000	1.1100e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Turf Reduction

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	53.5930	0.0476	1.5700e-003	55.0793
Unmitigated	58.1115	0.0591	1.8800e-003	59.9356

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 15.0127	47.7300	2.1900e-003	4.5000e-004	47.9168
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mail	1.73256 / 1.06189	10.3816	0.0569	1.4300e-003	12.0188
Total		58.1115	0.0591	1.8800e-003	59.9356

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 14.0969	44.8185	2.0600e-003	4.3000e-004	44.9939
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mail	1.38605 / 0.997114	8.7745	0.0455	1.1400e-003	10.0855
Total		53.5930	0.0476	1.5700e-003	55.0793

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.6023	0.1538	0.0000	5.8320
Unmitigated	5.2047	0.3076	0.0000	11.6640

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	1.08	0.2192	0.0130	0.0000	0.4913
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mail	24.56	4.9855	0.2946	0.0000	11.1727
Total		5.2047	0.3076	0.0000	11.6640

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	0.54	0.1096	6.4800e-003	0.0000	0.2457
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mail	12.28	2.4927	0.1473	0.0000	5.5864
Total		2.6024	0.1538	0.0000	5.8320

9.0 Operational Offroad

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

10.0 Vegetation
