SDG&E Tie Line 695/6971 Reconductor Project

San Diego Air Basin, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	0.00	1000sqft	98.33	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2018
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Selected General Light Industry as the most appropriate default land use type. Assumed that "Lot acreage" was equivalent to the total area of site disturbance as described in Section 4.3 within the document.

Construction Phase - The construction phasing is per the construction schedule within the PEA.

Off-road Equipment - Off-highway trucks = water truck, spray truck. Crew trucks and pickup trucks are included within the worker VMT calcuations.

Off-road Equipment - Off-highway trucks = water trucks (3), tractor trailer units (3), and bucket trucks (3).

Off-road Equipment - Off-road Equipment - Off-highway trucks = water trucks (2), and cement trucks (10). Crew trucks are counted in the worker VMT calculations.

Off-road Equipment - Off-highway trucks = water trucks (2), and cement trucks (10). Crew trucks are counted in the worker VMT calculations.

Off-road Equipment - Off-highway trucks = water trucks (2), tractor trailer units (2). Other construction equipment = mowers (2).

Off-road Equipment - Off-highway trucks = water trucks (3), boom trucks (3), bucket trucks (3), wire truck, pulling rig. Crew trucks and pickups are included within the worker VMT calculations.

Off-road Equipment - Off-highway trucks = water truck, bucket trucks (2), and wire dolly.

Trips and VMT - Trips and VMT-worker trips based on the max # of workers/phase. Assumed 10 haul trips/day for trenching, and 2 haul trips/day for staging yard construction. Vendor trips estimated to be 2 trips/day for each water truck/cement truck, 30 miles one-way.

Grading - Grading-site preparation activities would occur at approximately 10.25 acres total. Assumed half that amount for total acres disturbed from demobilization activities. Trenching operations will generate up to approximately 2,900 cubic yards total.

Construction Off-road Equipment Mitigation - Construction Off-road Equipment Mitigation - Mitigation measures: water exposed areas for dust control, and replace ground cover of disturbed areas.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	1,550.00	50.00
tblConstructionPhase	NumDays	1,550.00	90.00
tblConstructionPhase	NumDays	1,550.00	60.00
tblConstructionPhase	NumDays	155.00	10.00
tblConstructionPhase	NumDays	60.00	30.00
tblConstructionPhase	NumDays	60.00	40.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	PhaseEndDate	9/25/2018	7/30/2018
tblConstructionPhase	PhaseEndDate	9/12/2018	7/28/2018
tblConstructionPhase	PhaseEndDate	9/14/2018	8/31/2018
tblConstructionPhase	PhaseStartDate	2/4/2018	2/5/2018
tblConstructionPhase	PhaseStartDate	7/18/2018	5/22/2018
tblConstructionPhase	PhaseStartDate	9/1/2018	7/18/2018
tblConstructionPhase	PhaseStartDate	7/31/2018	7/17/2018
tblGrading	AcresOfGrading	22.50	29.50
tblGrading	AcresOfGrading	17.50	29.50
tblLandUse	LotAcreage	0.00	98.33
tblOffRoadEquipment	OffRoadEquipmentType		Dumpers/Tenders
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	12.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	9.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	11.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Pier Foundation and Micropile Construction
tblOffRoadEquipment	PhaseName		Direct Bury Construction and Pole Installation
tblOffRoadEquipment	PhaseName		Pier Foundation and Micropile Construction
tblOffRoadEquipment	PhaseName		Direct Bury Construction and Pole Installation
tblOffRoadEquipment	PhaseName		Trenching for Installation of Underground Cables
tblOffRoadEquipment	PhaseName		Pier Foundation and Micropile Construction
tblOffRoadEquipment	PhaseName		Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation
tblOffRoadEquipment	PhaseName		Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation
tblOffRoadEquipment	PhaseName		Demobilization/Clean Up/Road Refreshing
tblOffRoadEquipment	PhaseName		Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation
tblOffRoadEquipment	PhaseName		Pier Foundation and Micropile Construction
tblOffRoadEquipment	PhaseName		Direct Bury Construction and Pole Installation

tblOffRoadEquipment	PhaseName		Stringing Activities/Transfer Conductor/Sagging Activities
tblOffRoadEquipment	PhaseName		Demobilization/Clean Up/Road Refreshing
tblOffRoadEquipment	PhaseName		Trenching for Installation of Underground Cables
tblOffRoadEquipment	PhaseName		Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installatio
tblOffRoadEquipment	PhaseName		Pier Foundation and Micropile Construction
tblOffRoadEquipment	PhaseName		Pier Foundation and Micropile Construction
tblOffRoadEquipment	UsageHours	7.00	5.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	OperationalYear	2014	2018
tblTripsAndVMT	HaulingTripLength	20.00	74.00
tblTripsAndVMT	HaulingTripLength	20.00	74.00
tblTripsAndVMT	HaulingTripLength	20.00	74.00
tblTripsAndVMT	HaulingTripLength	20.00	74.00
tblTripsAndVMT	HaulingTripLength	20.00	74.00
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tblTripsAndVMT	HaulingTripNumber	0.00	363.00
tblTripsAndVMT	VendorTripLength	7.30	69.00
tblTripsAndVMT	VendorTripLength	7.30	69.00
tblTripsAndVMT	VendorTripLength	7.30	69.00
tblTripsAndVMT	VendorTripLength	7.30	69.00
tblTripsAndVMT	VendorTripLength	7.30	69.00
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tblTripsAndVMT	VendorTripNumber	0.00	24.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00

tblTripsAndVMT	WorkerTripNumber	23.00	14.00
tblTripsAndVMT	WorkerTripNumber	0.00	12.00
tblTripsAndVMT	WorkerTripNumber	0.00	60.00
tblTripsAndVMT	WorkerTripNumber	0.00	24.00
tblTripsAndVMT	WorkerTripNumber	10.00	14.00
tblTripsAndVMT	WorkerTripNumber	20.00	16.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	13.4547	148.6374	78.5132	0.2737	4.1894	5.4241	9.0121	1.0204	5.0083	5.8764	0.0000	27,072.7923	27,072.7923	6.1464	0.0000	27,201.8660
Total	**13.4547**	**148.6374**	**78.5132**	**0.2737**	**4.1894**	**5.4241**	**9.0121**	**1.0204**	**5.0083**	**5.8764**	**0.0000**	**27,072.7923**	**27,072.7923**	**6.1464**	**0.0000**	**27,201.8660**

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					
2018	13.4547	148.6374	78.5132	0.2737	3.5833	5.4241	8.4060	0.9550	5.0083	5.8109	0.0000	27,072.7923	27,072.7923	6.1464	0.0000	27,201.8659
Total	**13.4547**	**148.6374**	**78.5132**	**0.2737**	**3.5833**	**5.4241**	**8.4060**	**0.9550**	**5.0083**	**5.8109**	**0.0000**	**27,072.7923**	**27,072.7923**	**6.1464**	**0.0000**	**27,201.8659**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**14.47**	**0.00**	**6.73**	**6.41**	**0.00**	**1.11**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

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

Mitigated Operational

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

Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	Site Preparation	1/1/2018	2/3/2018	6	30	
2	Pier Foundation and Micropile Construction	Building Construction	2/5/2018	4/3/2018	6	50	
3	Direct Bury Construction and Pole Installation	Building Construction	4/4/2018	7/17/2018	6	90	
4	Stringing Activities/Transfer Conductor/Sagging Activities	Building Construction	5/22/2018	7/30/2018	6	60	
5	Demobilization/Clean Up/Road Refreshing	Site Preparation	7/17/2018	8/31/2018	6	40	
6	Trenching for Installation of Underground Cables	Grading	7/18/2018	7/28/2018	6	10	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	Dumpers/Tenders	1	3.00	16	0.38
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	Graders	2	6.00	174	0.41
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	Off-Highway Trucks	4	3.00	400	0.38
Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation	Other Construction Equipment	2	7.00	171	0.42
Pier Foundation and Micropile Construction	Air Compressors	3	5.00	78	0.48

Pier Foundation and Micropile Construction	Bore/Drill Rigs	3	7.00	205	0.50
Pier Foundation and Micropile Construction	Cement and Mortar Mixers	1	4.00	9	0.56
Pier Foundation and Micropile Construction	Forklifts	3	4.00	89	0.20
Pier Foundation and Micropile Construction	Off-Highway Trucks	12	3.00	400	0.38
Direct Bury Construction and Pole Installation	Air Compressors	3	3.00	78	0.48
Direct Bury Construction and Pole Installation	Bore/Drill Rigs	3	7.00	205	0.50
Direct Bury Construction and Pole Installation	Cranes	3	5.00	226	0.29
Direct Bury Construction and Pole Installation	Off-Highway Trucks	9	4.00	400	0.38
Stringing Activities/Transfer Conductor/Sagging Activities	Off-Highway Trucks	11	4.00	400	0.38
Demobilization/Clean Up/Road Refreshing	Graders	1	7.00	174	0.41
Demobilization/Clean Up/Road Refreshing	Off-Highway Trucks	2	6.00	400	0.38
Demobilization/Clean Up/Road Refreshing	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Trenching for Installation of Underground Cables	Bore/Drill Rigs	1	6.00	205	0.50
Trenching for Installation of Underground Cables	Off-Highway Trucks	4	3.00	400	0.38
Trenching for Installation of Underground Cables	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Pier Foundation and Micropile Construction	Dumpers/Tenders	1	4.00	16	0.38
Pier Foundation and Micropile Construction	Excavators	1	4.00	162	0.38

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
Staging Yard Setup, Road Refreshing, Vegetation Trimming, BMP Installation	9	14.00	2.00	0.00	10.80	69.00	74.00	LD_Mix	HDT_Mix	HHDT
Pier Foundation and Micropile Construction	22	12.00	8.00	0.00	10.80	69.00	74.00	LD_Mix	HDT_Mix	HHDT
Direct Bury Construction and Pole Installation	18	60.00	24.00	0.00	10.80	69.00	74.00	LD_Mix	HDT_Mix	HHDT
Stringing Activities/Transfer Conductor/Sagging Activities	11	24.00	6.00	0.00	10.80	69.00	74.00	LD_Mix	HDT_Mix	HHDT
Demobilization/Clean Up/Road Refreshing	4	14.00	2.00	0.00	10.80	69.00	74.00	LD_Mix	HDT_Mix	HHDT
Trenching for Installation of Underground Cables	8	16.00	2.00	363.00	10.80	69.00	74.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

3.2 Staging Yard Setup, Road Refinishing, Vegetation Trimming, BMP Installation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0428	0.0000	1.0428	0.1126	0.0000	0.1126			0.0000			0.0000
Off-Road	3.3975	35.6059	20.6005	0.0401		1.7157	1.7157		1.5790	1.5790		4,027.7900	4,027.7900	1.2492		4,054.0241
Total	**3.3975**	**35.6059**	**20.6005**	**0.0401**	**1.0428**	**1.7157**	**2.7585**	**0.1126**	**1.5790**	**1.6916**		**4,027.7900**	**4,027.7900**	**1.2492**		**4,054.0241**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0729	1.1288	0.5311	4.1600e-003	0.1251	0.0211	0.1461	0.0356	0.0194	0.0550		406.3627	406.3627	2.6300e-003		406.4180
Worker	0.0406	0.0476	0.5142	1.4600e-003	0.1150	8.2000e-004	0.1158	0.0305	7.6000e-004	0.0313		112.5175	112.5175	5.2400e-003		112.6276
Total	**0.1134**	**1.1764**	**1.0453**	**5.6200e-003**	**0.2401**	**0.0219**	**0.2619**	**0.0661**	**0.0201**	**0.0863**		**518.8802**	**518.8802**	**7.8700e-003**		**519.0456**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.2346	0.0000	0.2346	0.0253	0.0000	0.0253			0.0000			0.0000
Off-Road	3.3975	35.6059	20.6005	0.0401		1.7157	1.7157		1.5790	1.5790	0.0000	4,027.7900	4,027.7900	1.2492		4,054.0241
Total	**3.3975**	**35.6059**	**20.6005**	**0.0401**	**0.2346**	**1.7157**	**1.9503**	**0.0253**	**1.5790**	**1.6043**	**0.0000**	**4,027.7900**	**4,027.7900**	**1.2492**		**4,054.0241**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0729	1.1288	0.5311	4.1600e-003	0.1251	0.0211	0.1461	0.0356	0.0194	0.0550		406.3627	406.3627	2.6300e-003		406.4180
Worker	0.0406	0.0476	0.5142	1.4600e-003	0.1150	8.2000e-004	0.1158	0.0305	7.6000e-004	0.0313		112.5175	112.5175	5.2400e-003		112.6276
Total	**0.1134**	**1.1764**	**1.0453**	**5.6200e-003**	**0.2401**	**0.0219**	**0.2619**	**0.0661**	**0.0201**	**0.0863**		**518.8802**	**518.8802**	**7.8700e-003**		**519.0456**

3.3 Pier Foundation and Micropile Construction - 2018

Unmitigated Construction On-Site

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

Off-Road	5.4242	56.8741	32.3178	0.0952		2.3074	2.3074		2.1543	2.1543		9,509.3633	9,509.3633	2.7968		9,568.0951
Total	**5.4242**	**56.8741**	**32.3178**	**0.0952**		**2.3074**	**2.3074**		**2.1543**	**2.1543**		**9,509.3633**	**9,509.3633**	**2.7968**		**9,568.0951**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2915	4.5152	2.1245	0.0166	0.5002	0.0842	0.5844	0.1425	0.0775	0.2200		1,625.4507	1,625.4507	0.0105		1,625.6720
Worker	0.0348	0.0408	0.4408	1.2500e-003	0.0986	7.0000e-004	0.0993	0.0262	6.5000e-004	0.0268		96.4436	96.4436	4.4900e-003		96.5379
Total	**0.3262**	**4.5561**	**2.5652**	**0.0179**	**0.5988**	**0.0849**	**0.6837**	**0.1687**	**0.0781**	**0.2468**		**1,721.8943**	**1,721.8943**	**0.0150**		**1,722.2099**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.4242	55.2870	32.3178	0.0952		2.3074	2.3074		2.1543	2.1543	0.0000	9,509.3633	9,509.3633	2.7968		9,568.0951
Total	**5.4242**	**55.2870**	**32.3178**	**0.0952**		**2.3074**	**2.3074**		**2.1543**	**2.1543**	**0.0000**	**9,509.3633**	**9,509.3633**	**2.7968**		**9,568.0951**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2915	4.5152	2.1245	0.0166	0.5002	0.0842	0.5844	0.1425	0.0775	0.2200		1,625.4507	1,625.4507	0.0105		1,625.6720
Worker	0.0348	0.0408	0.4408	1.2500e-003	0.0986	7.0000e-004	0.0993	0.0262	6.5000e-004	0.0268		96.4436	96.4436	4.4900e-003		96.5379
Total	**0.3262**	**4.5561**	**2.5652**	**0.0179**	**0.5988**	**0.0849**	**0.6837**	**0.1687**	**0.0781**	**0.2468**		**1,721.8943**	**1,721.8943**	**0.0150**		**1,722.2099**

3.4 Direct Bury Construction and Pole Installation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	5.6910	63.0143	31.3140	0.0971		2.4167	2.4167		2.2414	2.2414		9,740.1934	9,740.1934	2.9409		9,801.9532
Total	**5.6910**	**63.0143**	**31.3140**	**0.0971**		**2.4167**	**2.4167**		**2.2414**	**2.2414**		**9,740.1934**	**9,740.1934**	**2.9409**		**9,801.9532**

Unmitigated Construction Off-Site

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

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8744	13.5457	6.3734	0.0499	1.5006	0.2526	1.7532	0.4276	0.2324	0.6600		4,876.3521	4,876.3521	0.0316		4,877.0159
Worker	0.1738	0.2041	2.2038	6.2400e-003	0.4929	3.5200e-003	0.4964	0.1307	3.2500e-003	0.1340		482.2178	482.2178	0.0225		482.6896
Total	**1.0482**	**13.7498**	**8.5772**	**0.0562**	**1.9935**	**0.2561**	**2.2496**	**0.5583**	**0.2356**	**0.7940**		**5,358.5699**	**5,358.5699**	**0.0541**		**5,359.7056**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	5.6910	63.0143	31.3140	0.0971		2.4167	2.4167		2.2414	2.2414	0.0000	9,740.1934	9,740.1934	2.9409		9,801.9532
Total	**5.6910**	**63.0143**	**31.3140**	**0.0971**		**2.4167**	**2.4167**		**2.2414**	**2.2414**	**0.0000**	**9,740.1934**	**9,740.1934**	**2.9409**		**9,801.9532**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.8744	13.5457	6.3734	0.0499	1.5006	0.2526	1.7532	0.4276	0.2324	0.6600		4,876.3521	4,876.3521	0.0316		4,877.0159
Worker	0.1738	0.2041	2.2038	6.2400e-003	0.4929	3.5200e-003	0.4964	0.1307	3.2500e-003	0.1340		482.2178	482.2178	0.0225		482.6896

Total	**1.0482**	**13.7498**	**8.5772**	**0.0562**	**1.9935**	**0.2561**	**2.2496**	**0.5583**	**0.2356**	**0.7940**		**5,358.5699**	**5,358.5699**	**0.0541**		**5,359.7056**

3.5 Stringing Activities/Transfer Conductor/Sagging Activities - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.2321	45.5598	22.9941	0.0723		1.6629	1.6629		1.5299	1.5299		7,276.5060	7,276.5060	2.2653		7,324.0768
Total	**4.2321**	**45.5598**	**22.9941**	**0.0723**		**1.6629**	**1.6629**		**1.5299**	**1.5299**		**7,276.5060**	**7,276.5060**	**2.2653**		**7,324.0768**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2186	3.3864	1.5934	0.0125	0.3752	0.0632	0.4383	0.1069	0.0581	0.1650		1,219.0880	1,219.0880	7.9000e-003		1,219.2540
Worker	0.0695	0.0817	0.8815	2.5000e-003	0.1972	1.4100e-003	0.1986	0.0523	1.3000e-003	0.0536		192.8871	192.8871	8.9900e-003		193.0759
Total	**0.2881**	**3.4681**	**2.4749**	**0.0150**	**0.5723**	**0.0646**	**0.6369**	**0.1592**	**0.0594**	**0.2186**		**1,411.9751**	**1,411.9751**	**0.0169**		**1,412.3298**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	4.2321	45.5598	22.9941	0.0723		1.6629	1.6629		1.5299	1.5299	0.0000	7,276.5060	7,276.5060	2.2653		7,324.0768
Total	**4.2321**	**45.5598**	**22.9941**	**0.0723**		**1.6629**	**1.6629**		**1.5299**	**1.5299**	**0.0000**	**7,276.5060**	**7,276.5060**	**2.2653**		**7,324.0768**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.2186	3.3864	1.5934	0.0125	0.3752	0.0632	0.4383	0.1069	0.0581	0.1650		1,219.0880	1,219.0880	7.9000e-003		1,219.2540
Worker	0.0695	0.0817	0.8815	2.5000e-003	0.1972	1.4100e-003	0.1986	0.0523	1.3000e-003	0.0536		192.8871	192.8871	8.9900e-003		193.0759
Total	**0.2881**	**3.4681**	**2.4749**	**0.0150**	**0.5723**	**0.0646**	**0.6369**	**0.1592**	**0.0594**	**0.2186**		**1,411.9751**	**1,411.9751**	**0.0169**		**1,412.3298**

3.6 Demobilization/Clean Up/Road Refreshing - 2018

Unmitigated Construction On-Site

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

Fugitive Dust					0.7821	0.0000	0.7821	0.0845	0.0000	0.0845			0.0000			0.0000
Off-Road	2.0819	21.6690	12.1077	0.0275		1.0020	1.0020		0.9219	0.9219		2,766.6677	2,766.6677	0.8613		2,784.7550
Total	**2.0819**	**21.6690**	**12.1077**	**0.0275**	**0.7821**	**1.0020**	**1.7841**	**0.0845**	**0.9219**	**1.0063**		**2,766.6677**	**2,766.6677**	**0.8613**		**2,784.7550**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0729	1.1288	0.5311	4.1600e-003	0.1251	0.0211	0.1461	0.0356	0.0194	0.0550		406.3627	406.3627	2.6300e-003		406.4180
Worker	0.0406	0.0476	0.5142	1.4600e-003	0.1150	8.2000e-004	0.1158	0.0305	7.6000e-004	0.0313		112.5175	112.5175	5.2400e-003		112.6276
Total	**0.1134**	**1.1764**	**1.0453**	**5.6200e-003**	**0.2401**	**0.0219**	**0.2619**	**0.0661**	**0.0201**	**0.0863**		**518.8802**	**518.8802**	**7.8700e-003**		**519.0456**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.1760	0.0000	0.1760	0.0190	0.0000	0.0190			0.0000			0.0000
Off-Road	2.0819	21.6690	12.1077	0.0275		1.0020	1.0020		0.9219	0.9219	0.0000	2,766.6677	2,766.6677	0.8613		2,784.7550
Total	**2.0819**	**21.6690**	**12.1077**	**0.0275**	**0.1760**	**1.0020**	**1.1780**	**0.0190**	**0.9219**	**0.9409**	**0.0000**	**2,766.6677**	**2,766.6677**	**0.8613**		**2,784.7550**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0729	1.1288	0.5311	4.1600e-003	0.1251	0.0211	0.1461	0.0356	0.0194	0.0550		406.3627	406.3627	2.6300e-003		406.4180
Worker	0.0406	0.0476	0.5142	1.4600e-003	0.1150	8.2000e-004	0.1158	0.0305	7.6000e-004	0.0313		112.5175	112.5175	5.2400e-003		112.6276
Total	**0.1134**	**1.1764**	**1.0453**	**5.6200e-003**	**0.2401**	**0.0219**	**0.2619**	**0.0661**	**0.0201**	**0.0863**		**518.8802**	**518.8802**	**7.8700e-003**		**519.0456**

3.7 Trenching for Installation of Underground Cables - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.0623	22.2477	13.8602	0.0344		1.0251	1.0251		0.9431	0.9431		3,462.5265	3,462.5265	1.0779		3,485.1630
Total	**2.0623**	**22.2477**	**13.8602**	**0.0344**	**0.0000**	**1.0251**	**1.0251**	**0.0000**	**0.9431**	**0.9431**		**3,462.5265**	**3,462.5265**	**1.0779**		**3,485.1630**

Unmitigated Construction Off-Site

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

Category	lb/day										lb/day					
Hauling	1.6597	28.2841	12.8779	0.0982	2.3384	0.4420	2.7804	0.6401	0.4066	1.0467		9,607.6117	9,607.6117	0.0637		9,608.9497
Vendor	0.0729	1.1288	0.5311	4.1600e-003	0.1251	0.0211	0.1461	0.0356	0.0194	0.0550		406.3627	406.3627	2.6300e-003		406.4180
Worker	0.0463	0.0544	0.5877	1.6600e-003	0.1314	9.4000e-004	0.1324	0.0349	8.7000e-004	0.0357		128.5914	128.5914	5.9900e-003		128.7172
Total	**1.7789**	**29.4673**	**13.9967**	**0.1040**	**2.5949**	**0.4639**	**3.0589**	**0.7106**	**0.4268**	**1.1374**		**10,142.5658**	**10,142.5658**	**0.0723**		**10,144.0849**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	2.0623	22.2477	13.8602	0.0344		1.0251	1.0251		0.9431	0.9431	0.0000	3,462.5265	3,462.5265	1.0779		3,485.1630
Total	**2.0623**	**22.2477**	**13.8602**	**0.0344**	**0.0000**	**1.0251**	**1.0251**	**0.0000**	**0.9431**	**0.9431**	**0.0000**	**3,462.5265**	**3,462.5265**	**1.0779**		**3,485.1630**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.6597	28.2841	12.8779	0.0982	2.3384	0.4420	2.7804	0.6401	0.4066	1.0467		9,607.6117	9,607.6117	0.0637		9,608.9497
Vendor	0.0729	1.1288	0.5311	4.1600e-003	0.1251	0.0211	0.1461	0.0356	0.0194	0.0550		406.3627	406.3627	2.6300e-003		406.4180
Worker	0.0463	0.0544	0.5877	1.6600e-003	0.1314	9.4000e-004	0.1324	0.0349	8.7000e-004	0.0357		128.5914	128.5914	5.9900e-003		128.7172

Total	**1.7789**	**29.4673**	**13.9967**	**0.1040**	**2.5949**	**0.4639**	**3.0589**	**0.7106**	**0.4268**	**1.1374**		**10,142.5658**	**10,142.5658**	**0.0723**		**10,144.0849**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511818	0.073499	0.191840	0.131575	0.036332	0.005186	0.012677	0.022513	0.001864	0.002072	0.006564	0.000601	0.003458

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

5.2 Energy by Land Use - NaturalGas

Unmitigated

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

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					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

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

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

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	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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