Appendix C
Air Quality/Greenhouse Gas Emissions Evaluations

CPUC Winterhaven Broadband

Imperial County, Annual

1.0 Project Characteristics

1.1 Land Usage

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

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	3.4	**Precipitation Freq (Days)**	12
Climate Zone	15			**Operational Year**	2017

Utility Company Imperial Irrigation District

CO2 Intensity (lb/MWhr) 1270.9   **CH4 Intensity (lb/MWhr)** 0.029   **N2O Intensity (lb/MWhr)** 0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Durations determined based on an assumed 2 miles/day for plow installation, 400 ft/day for bored installation, and 2 nodes/day.

Off-road Equipment - Bored installation has 2 pumps, 2 air compressors, 2 drill rigs, and 2 backhoes.

Off-road Equipment - Node construction will only have 1 backhoe.

Off-road Equipment - Plowed installation has 2 air compressors, and 2 crawler tractors.

Trips and VMT - Vendor trips include equipment delivery and water trucks for dust control. Workers in Winterhaven, vendors in Yuma. Equipment delivery rate=2/day for plowed and 1/day for bored installations. Node vaults = 1/day. Water truck = twice/day during each phase.

On-road Fugitive Dust - Approximately 10% of the roads in the project area are not paved.

Vehicle Trips - Assumed no workers.

Road Dust - Updated % road paved to be 90%.

Construction Off-road Equipment Mitigation - Assume cleaning of paved roads will provide a 10% reduction in PM.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	10
tblConstructionPhase	PhaseStartDate	3/5/2016	3/7/2016
tblOffRoadEquipment	HorsePower	78.00	174.00
tblOffRoadEquipment	HorsePower	208.00	97.00
tblOffRoadEquipment	HorsePower	84.00	208.00
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.74	0.43
tblOnRoadDust	VendorPercentPave	50.00	90.00
tblOnRoadDust	VendorPercentPave	50.00	90.00
tblOnRoadDust	VendorPercentPave	50.00	90.00
tblOnRoadDust	WorkerPercentPave	50.00	90.00
tblOnRoadDust	WorkerPercentPave	50.00	90.00
tblOnRoadDust	WorkerPercentPave	50.00	90.00
tblProjectCharacteristics	OperationalYear	2014	2017

tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	RoadPercentPave	50	90
tblTripsAndVMT	VendorTripLength	11.90	8.90
tblTripsAndVMT	VendorTripLength	11.90	8.90
tblTripsAndVMT	VendorTripLength	11.90	8.90
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripLength	10.20	7.30
tblTripsAndVMT	WorkerTripLength	10.20	7.30
tblTripsAndVMT	WorkerTripLength	10.20	7.30
tblTripsAndVMT	WorkerTripNumber	3.00	6.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	7.1940e-003	7.6650e-003
tblVehicleEF	HHD	3.02	2.95
tblVehicleEF	HHD	1.71	1.75
tblVehicleEF	HHD	70.59	75.37
tblVehicleEF	HHD	557.88	566.80
tblVehicleEF	HHD	1,511.58	1,538.63
tblVehicleEF	HHD	61.94	65.70
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	4.29	4.62
tblVehicleEF	HHD	4.30	4.86
tblVehicleEF	HHD	4.71	4.85
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.10	0.11

tblVehicleEF	HHD	4.0230e-003	4.9800e-003
tblVehicleEF	HHD	9.8530e-003	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8370e-003	8.8390e-003
tblVehicleEF	HHD	0.09	0.11
tblVehicleEF	HHD	3.1900e-003	3.9270e-003
tblVehicleEF	HHD	6.8240e-003	8.0590e-003
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	0.54	0.53
tblVehicleEF	HHD	3.2800e-003	3.8220e-003
tblVehicleEF	HHD	0.16	0.17
tblVehicleEF	HHD	0.80	0.95
tblVehicleEF	HHD	2.83	3.23
tblVehicleEF	HHD	5.6030e-003	5.6040e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8480e-003	1.9650e-003
tblVehicleEF	HHD	6.8240e-003	8.0590e-003
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	0.61	0.60
tblVehicleEF	HHD	3.2800e-003	3.8220e-003
tblVehicleEF	HHD	0.19	0.20
tblVehicleEF	HHD	0.80	0.95
tblVehicleEF	HHD	3.04	3.47
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	7.1940e-003	7.6650e-003
tblVehicleEF	HHD	2.20	2.14
tblVehicleEF	HHD	1.72	1.76
tblVehicleEF	HHD	67.18	72.53

tblVehicleEF	HHD	591.03	600.47
tblVehicleEF	HHD	1,511.58	1,538.63
tblVehicleEF	HHD	61.94	65.70
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	4.43	4.77
tblVehicleEF	HHD	3.91	4.42
tblVehicleEF	HHD	4.62	4.75
tblVehicleEF	HHD	9.0280e-003	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.10	0.11
tblVehicleEF	HHD	4.0230e-003	4.9800e-003
tblVehicleEF	HHD	8.3060e-003	9.9260e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8370e-003	8.8390e-003
tblVehicleEF	HHD	0.09	0.11
tblVehicleEF	HHD	3.1900e-003	3.9270e-003
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	0.25	0.30
tblVehicleEF	HHD	0.51	0.50
tblVehicleEF	HHD	5.2890e-003	6.1810e-003
tblVehicleEF	HHD	0.16	0.17
tblVehicleEF	HHD	0.84	0.99
tblVehicleEF	HHD	2.69	3.07
tblVehicleEF	HHD	5.9350e-003	5.9370e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.7900e-003	1.9150e-003
tblVehicleEF	HHD	0.01	0.02

tblVehicleEF	HHD	0.25	0.30
tblVehicleEF	HHD	0.58	0.57
tblVehicleEF	HHD	5.2890e-003	6.1810e-003
tblVehicleEF	HHD	0.19	0.20
tblVehicleEF	HHD	0.84	0.99
tblVehicleEF	HHD	2.88	3.30
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	7.1940e-003	7.6650e-003
tblVehicleEF	HHD	4.17	4.06
tblVehicleEF	HHD	1.69	1.73
tblVehicleEF	HHD	83.73	88.23
tblVehicleEF	HHD	512.11	520.30
tblVehicleEF	HHD	1,511.58	1,538.63
tblVehicleEF	HHD	61.94	65.70
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	4.10	4.42
tblVehicleEF	HHD	4.34	4.92
tblVehicleEF	HHD	4.95	5.09
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.10	0.11
tblVehicleEF	HHD	4.0230e-003	4.9800e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8370e-003	8.8390e-003
tblVehicleEF	HHD	0.09	0.11
tblVehicleEF	HHD	3.1900e-003	3.9270e-003

tblVehicleEF	HHD	2.8910e-003	3.4130e-003
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	0.58	0.57
tblVehicleEF	HHD	1.0500e-003	1.2110e-003
tblVehicleEF	HHD	0.16	0.17
tblVehicleEF	HHD	0.82	0.97
tblVehicleEF	HHD	3.34	3.83
tblVehicleEF	HHD	5.1430e-003	5.1440e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.0710e-003	2.1860e-003
tblVehicleEF	HHD	2.8910e-003	3.4130e-003
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	0.66	0.65
tblVehicleEF	HHD	1.0500e-003	1.2110e-003
tblVehicleEF	HHD	0.19	0.20
tblVehicleEF	HHD	0.82	0.97
tblVehicleEF	HHD	3.59	4.11
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tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.47	2.63
tblVehicleEF	LDA	5.75	6.11
tblVehicleEF	LDA	246.08	257.62
tblVehicleEF	LDA	57.24	59.93
tblVehicleEF	LDA	0.45	0.45
tblVehicleEF	LDA	0.34	0.35
tblVehicleEF	LDA	0.30	0.32
tblVehicleEF	LDA	1.6070e-003	1.6480e-003
tblVehicleEF	LDA	3.5900e-003	3.5020e-003

tblVehicleEF	LDA	1.4800e-003	1.5120e-003
tblVehicleEF	LDA	3.3110e-003	3.2200e-003
tblVehicleEF	LDA	0.17	0.19
tblVehicleEF	LDA	0.18	0.19
tblVehicleEF	LDA	0.11	0.12
tblVehicleEF	LDA	0.11	0.12
tblVehicleEF	LDA	0.39	0.42
tblVehicleEF	LDA	0.52	0.55
tblVehicleEF	LDA	3.3100e-003	3.3130e-003
tblVehicleEF	LDA	8.3900e-004	8.4600e-004
tblVehicleEF	LDA	0.17	0.19
tblVehicleEF	LDA	0.18	0.19
tblVehicleEF	LDA	0.11	0.12
tblVehicleEF	LDA	0.13	0.14
tblVehicleEF	LDA	0.39	0.42
tblVehicleEF	LDA	0.56	0.59
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.82	3.00
tblVehicleEF	LDA	6.01	6.39
tblVehicleEF	LDA	252.47	264.31
tblVehicleEF	LDA	57.24	59.93
tblVehicleEF	LDA	0.45	0.45
tblVehicleEF	LDA	0.30	0.32
tblVehicleEF	LDA	0.30	0.33
tblVehicleEF	LDA	1.6070e-003	1.6480e-003
tblVehicleEF	LDA	3.5900e-003	3.5020e-003
tblVehicleEF	LDA	1.4800e-003	1.5120e-003

tblVehicleEF		LDA	3.3110e-003	3.2200e-003
tblVehicleEF		LDA	0.36	0.39
tblVehicleEF		LDA	0.26	0.28
tblVehicleEF		LDA	0.20	0.21
tblVehicleEF		LDA	0.12	0.13
tblVehicleEF		LDA	0.40	0.44
tblVehicleEF		LDA	0.52	0.56
tblVehicleEF		LDA	3.4020e-003	3.4050e-003
tblVehicleEF		LDA	8.4400e-004	8.5100e-004
tblVehicleEF		LDA	0.36	0.39
tblVehicleEF		LDA	0.26	0.28
tblVehicleEF		LDA	0.20	0.21
tblVehicleEF		LDA	0.15	0.16
tblVehicleEF		LDA	0.40	0.44
tblVehicleEF		LDA	0.56	0.59
tblVehicleEF		LDA	0.02	0.02
tblVehicleEF		LDA	0.03	0.03
tblVehicleEF		LDA	2.12	2.26
tblVehicleEF		LDA	7.14	7.58
tblVehicleEF		LDA	232.04	242.93
tblVehicleEF		LDA	57.24	59.93
tblVehicleEF		LDA	0.45	0.45
tblVehicleEF		LDA	0.34	0.36
tblVehicleEF		LDA	0.32	0.35
tblVehicleEF		LDA	1.6070e-003	1.6480e-003
tblVehicleEF		LDA	3.5900e-003	3.5020e-003
tblVehicleEF		LDA	1.4800e-003	1.5120e-003
tblVehicleEF		LDA	3.3110e-003	3.2200e-003

tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.15	0.16
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.10	0.11
tblVehicleEF	LDA	0.43	0.46
tblVehicleEF	LDA	0.61	0.65
tblVehicleEF	LDA	3.1160e-003	3.1180e-003
tblVehicleEF	LDA	8.6400e-004	8.7200e-004
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.15	0.16
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.12	0.13
tblVehicleEF	LDA	0.43	0.46
tblVehicleEF	LDA	0.65	0.70
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	3.24	3.76
tblVehicleEF	LDT1	6.12	6.93
tblVehicleEF	LDT1	290.71	303.32
tblVehicleEF	LDT1	67.84	70.85
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.36	0.41
tblVehicleEF	LDT1	0.37	0.41
tblVehicleEF	LDT1	2.9930e-003	3.2950e-003
tblVehicleEF	LDT1	5.4120e-003	5.7030e-003
tblVehicleEF	LDT1	2.7510e-003	3.0140e-003
tblVehicleEF	LDT1	4.9820e-003	5.2270e-003
tblVehicleEF	LDT1	0.30	0.34

tblVehicleEF	LDT1	0.30	0.33
tblVehicleEF	LDT1	0.21	0.23
tblVehicleEF	LDT1	0.10	0.13
tblVehicleEF	LDT1	1.03	1.15
tblVehicleEF	LDT1	0.45	0.52
tblVehicleEF	LDT1	3.8320e-003	3.8380e-003
tblVehicleEF	LDT1	9.6000e-004	9.7600e-004
tblVehicleEF	LDT1	0.30	0.34
tblVehicleEF	LDT1	0.30	0.33
tblVehicleEF	LDT1	0.21	0.23
tblVehicleEF	LDT1	0.13	0.16
tblVehicleEF	LDT1	1.03	1.15
tblVehicleEF	LDT1	0.48	0.56
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	3.72	4.31
tblVehicleEF	LDT1	6.42	7.28
tblVehicleEF	LDT1	297.84	310.71
tblVehicleEF	LDT1	67.84	70.85
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.32	0.37
tblVehicleEF	LDT1	0.38	0.42
tblVehicleEF	LDT1	2.9930e-003	3.2950e-003
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tblVehicleEF	LDT1	4.9820e-003	5.2270e-003
tblVehicleEF	LDT1	0.63	0.71
tblVehicleEF	LDT1	0.40	0.45

tblVehicleEF	LDT1	0.35	0.39
tblVehicleEF	LDT1	0.12	0.15
tblVehicleEF	LDT1	1.09	1.21
tblVehicleEF	LDT1	0.46	0.53
tblVehicleEF	LDT1	3.9350e-003	3.9410e-003
tblVehicleEF	LDT1	9.6500e-004	9.8100e-004
tblVehicleEF	LDT1	0.63	0.71
tblVehicleEF	LDT1	0.40	0.45
tblVehicleEF	LDT1	0.35	0.39
tblVehicleEF	LDT1	0.15	0.18
tblVehicleEF	LDT1	1.09	1.21
tblVehicleEF	LDT1	0.49	0.57
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	2.86	3.33
tblVehicleEF	LDT1	7.55	8.55
tblVehicleEF	LDT1	275.04	287.07
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tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.37	0.43
tblVehicleEF	LDT1	0.39	0.44
tblVehicleEF	LDT1	2.9930e-003	3.2950e-003
tblVehicleEF	LDT1	5.4120e-003	5.7030e-003
tblVehicleEF	LDT1	2.7510e-003	3.0140e-003
tblVehicleEF	LDT1	4.9820e-003	5.2270e-003
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.26	0.30
tblVehicleEF	LDT1	0.06	0.07

tblVehicleEF	LDT1	0.09	0.12
tblVehicleEF	LDT1	1.15	1.28
tblVehicleEF	LDT1	0.53	0.62
tblVehicleEF	LDT1	3.6190e-003	3.6260e-003
tblVehicleEF	LDT1	9.8500e-004	1.0040e-003
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.26	0.30
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.12	0.14
tblVehicleEF	LDT1	1.15	1.28
tblVehicleEF	LDT1	0.57	0.66
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	1.89	2.17
tblVehicleEF	LDT2	3.90	4.45
tblVehicleEF	LDT2	362.13	375.84
tblVehicleEF	LDT2	83.72	86.86
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	0.24	0.28
tblVehicleEF	LDT2	0.39	0.45
tblVehicleEF	LDT2	1.6430e-003	1.7150e-003
tblVehicleEF	LDT2	3.4820e-003	3.4150e-003
tblVehicleEF	LDT2	1.5100e-003	1.5670e-003
tblVehicleEF	LDT2	3.2090e-003	3.1320e-003
tblVehicleEF	LDT2	0.15	0.17
tblVehicleEF	LDT2	0.18	0.19
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.05	0.06

tblVehicleEF	LDT2	0.59	0.64
tblVehicleEF	LDT2	0.25	0.30
tblVehicleEF	LDT2	4.4820e-003	4.4870e-003
tblVehicleEF	LDT2	1.0740e-003	1.0840e-003
tblVehicleEF	LDT2	0.15	0.17
tblVehicleEF	LDT2	0.18	0.19
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.59	0.64
tblVehicleEF	LDT2	0.27	0.32
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	2.16	2.48
tblVehicleEF	LDT2	4.07	4.65
tblVehicleEF	LDT2	371.33	385.36
tblVehicleEF	LDT2	83.72	86.86
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	0.21	0.25
tblVehicleEF	LDT2	0.40	0.46
tblVehicleEF	LDT2	1.6430e-003	1.7150e-003
tblVehicleEF	LDT2	3.4820e-003	3.4150e-003
tblVehicleEF	LDT2	1.5100e-003	1.5670e-003
tblVehicleEF	LDT2	3.2090e-003	3.1320e-003
tblVehicleEF	LDT2	0.32	0.35
tblVehicleEF	LDT2	0.23	0.26
tblVehicleEF	LDT2	0.19	0.21
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.61	0.67

tblVehicleEF	LDT2	0.26	0.30
tblVehicleEF	LDT2	4.6000e-003	4.6050e-003
tblVehicleEF	LDT2	1.0770e-003	1.0870e-003
tblVehicleEF	LDT2	0.32	0.35
tblVehicleEF	LDT2	0.23	0.26
tblVehicleEF	LDT2	0.19	0.21
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.61	0.67
tblVehicleEF	LDT2	0.27	0.32
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	1.65	1.90
tblVehicleEF	LDT2	4.84	5.52
tblVehicleEF	LDT2	341.91	354.92
tblVehicleEF	LDT2	83.72	86.86
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	0.24	0.28
tblVehicleEF	LDT2	0.42	0.48
tblVehicleEF	LDT2	1.6430e-003	1.7150e-003
tblVehicleEF	LDT2	3.4820e-003	3.4150e-003
tblVehicleEF	LDT2	1.5100e-003	1.5670e-003
tblVehicleEF	LDT2	3.2090e-003	3.1320e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.16	0.17
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.66	0.71
tblVehicleEF	LDT2	0.30	0.35

tblVehicleEF	LDT2	4.2270e-003	4.2330e-003
tblVehicleEF	LDT2	1.0900e-003	1.1020e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.16	0.17
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.66	0.71
tblVehicleEF	LDT2	0.32	0.37
tblVehicleEF	LHD1	1.2690e-003	1.2700e-003
tblVehicleEF	LHD1	9.7930e-003	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.18	0.18
tblVehicleEF	LHD1	1.16	1.29
tblVehicleEF	LHD1	3.79	4.03
tblVehicleEF	LHD1	8.63	8.76
tblVehicleEF	LHD1	517.21	525.58
tblVehicleEF	LHD1	35.27	35.68
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	1.83	2.02
tblVehicleEF	LHD1	1.40	1.44
tblVehicleEF	LHD1	8.4600e-004	8.5500e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.1000e-004	8.9800e-004
tblVehicleEF	LHD1	7.7900e-004	7.8700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.2110e-003	9.8140e-003

tblVehicleEF	LHD1	7.5000e-004	8.3100e-004
tblVehicleEF	LHD1	4.4200e-003	4.6750e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.1360e-003	2.2310e-003
tblVehicleEF	LHD1	0.08	0.09
tblVehicleEF	LHD1	0.42	0.44
tblVehicleEF	LHD1	0.40	0.42
tblVehicleEF	LHD1	5.3570e-003	5.3610e-003
tblVehicleEF	LHD1	4.4300e-004	4.4600e-004
tblVehicleEF	LHD1	4.4200e-003	4.6750e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.1360e-003	2.2310e-003
tblVehicleEF	LHD1	0.10	0.11
tblVehicleEF	LHD1	0.42	0.44
tblVehicleEF	LHD1	0.42	0.45
tblVehicleEF	LHD1	1.2690e-003	1.2700e-003
tblVehicleEF	LHD1	9.7930e-003	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.18	0.18
tblVehicleEF	LHD1	1.18	1.31
tblVehicleEF	LHD1	3.38	3.60
tblVehicleEF	LHD1	8.63	8.76
tblVehicleEF	LHD1	517.21	525.58
tblVehicleEF	LHD1	35.27	35.68
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.08	0.08

tblVehicleEF	LHD1	1.64	1.81
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tblVehicleEF	LHD1	8.4600e-004	8.5500e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.1000e-004	8.9800e-004
tblVehicleEF	LHD1	7.7900e-004	7.8700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.2110e-003	9.8140e-003
tblVehicleEF	LHD1	7.5000e-004	8.3100e-004
tblVehicleEF	LHD1	9.0780e-003	9.6080e-003
tblVehicleEF	LHD1	0.09	0.10
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.4560e-003	3.6360e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.43	0.45
tblVehicleEF	LHD1	0.37	0.40
tblVehicleEF	LHD1	5.3570e-003	5.3620e-003
tblVehicleEF	LHD1	4.3500e-004	4.3800e-004
tblVehicleEF	LHD1	9.0780e-003	9.6080e-003
tblVehicleEF	LHD1	0.09	0.10
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.4560e-003	3.6360e-003
tblVehicleEF	LHD1	0.10	0.11
tblVehicleEF	LHD1	0.43	0.45
tblVehicleEF	LHD1	0.40	0.42
tblVehicleEF	LHD1	1.2690e-003	1.2700e-003
tblVehicleEF	LHD1	9.7930e-003	0.01

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.18	0.18
tblVehicleEF	LHD1	1.13	1.26
tblVehicleEF	LHD1	4.82	5.14
tblVehicleEF	LHD1	8.63	8.76
tblVehicleEF	LHD1	517.21	525.58
tblVehicleEF	LHD1	35.27	35.68
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	1.87	2.06
tblVehicleEF	LHD1	1.47	1.51
tblVehicleEF	LHD1	8.4600e-004	8.5500e-004
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tblVehicleEF	LHD1	7.7900e-004	7.8700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.2110e-003	9.8140e-003
tblVehicleEF	LHD1	7.5000e-004	8.3100e-004
tblVehicleEF	LHD1	1.9690e-003	2.0890e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	7.3200e-004	7.5200e-004
tblVehicleEF	LHD1	0.08	0.09
tblVehicleEF	LHD1	0.44	0.46
tblVehicleEF	LHD1	0.46	0.49
tblVehicleEF	LHD1	5.3570e-003	5.3610e-003
tblVehicleEF	LHD1	4.6100e-004	4.6500e-004

tblVehicleEF	LHD1	1.9690e-003	2.0890e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	7.3200e-004	7.5200e-004
tblVehicleEF	LHD1	0.10	0.11
tblVehicleEF	LHD1	0.44	0.46
tblVehicleEF	LHD1	0.49	0.52
tblVehicleEF	LHD2	9.1000e-004	9.1100e-004
tblVehicleEF	LHD2	7.0380e-003	7.8700e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.87	1.00
tblVehicleEF	LHD2	2.26	2.50
tblVehicleEF	LHD2	9.49	9.64
tblVehicleEF	LHD2	507.97	516.33
tblVehicleEF	LHD2	21.01	21.44
tblVehicleEF	LHD2	5.5930e-003	5.5950e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	2.42	2.67
tblVehicleEF	LHD2	0.79	0.82
tblVehicleEF	LHD2	1.4380e-003	1.4470e-003
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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.2100e-004	6.3200e-004
tblVehicleEF	LHD2	1.3230e-003	1.3310e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6690e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5800e-004	5.5000e-004
tblVehicleEF	LHD2	2.5270e-003	2.8110e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2190e-003	1.3330e-003
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tblVehicleEF	LHD2	0.25	0.27
tblVehicleEF	LHD2	0.22	0.24
tblVehicleEF	LHD2	5.1930e-003	5.1980e-003
tblVehicleEF	LHD2	2.6300e-004	2.6900e-004
tblVehicleEF	LHD2	2.5270e-003	2.8110e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2190e-003	1.3330e-003
tblVehicleEF	LHD2	0.09	0.10
tblVehicleEF	LHD2	0.25	0.27
tblVehicleEF	LHD2	0.24	0.26
tblVehicleEF	LHD2	9.1000e-004	9.1100e-004
tblVehicleEF	LHD2	7.0380e-003	7.8700e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.89	1.03
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tblVehicleEF	LHD2	507.97	516.33
tblVehicleEF	LHD2	21.01	21.44
tblVehicleEF	LHD2	5.5930e-003	5.5950e-003

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tblVehicleEF	LHD2	2.19	2.42
tblVehicleEF	LHD2	0.78	0.81
tblVehicleEF	LHD2	1.4380e-003	1.4470e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.2100e-004	6.3200e-004
tblVehicleEF	LHD2	1.3230e-003	1.3310e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6690e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5800e-004	5.5000e-004
tblVehicleEF	LHD2	5.2230e-003	5.8260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.9850e-003	2.1890e-003
tblVehicleEF	LHD2	0.08	0.09
tblVehicleEF	LHD2	0.26	0.28
tblVehicleEF	LHD2	0.21	0.23
tblVehicleEF	LHD2	5.1940e-003	5.1990e-003
tblVehicleEF	LHD2	2.6000e-004	2.6500e-004
tblVehicleEF	LHD2	5.2230e-003	5.8260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.9850e-003	2.1890e-003
tblVehicleEF	LHD2	0.09	0.10
tblVehicleEF	LHD2	0.26	0.28

tblVehicleEF	LHD2	0.22	0.25
tblVehicleEF	LHD2	9.1000e-004	9.1100e-004
tblVehicleEF	LHD2	7.0380e-003	7.8700e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.86	0.99
tblVehicleEF	LHD2	2.81	3.10
tblVehicleEF	LHD2	9.49	9.64
tblVehicleEF	LHD2	507.97	516.33
tblVehicleEF	LHD2	21.01	21.44
tblVehicleEF	LHD2	5.5930e-003	5.5950e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	2.45	2.71
tblVehicleEF	LHD2	0.83	0.86
tblVehicleEF	LHD2	1.4380e-003	1.4470e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.2100e-004	6.3200e-004
tblVehicleEF	LHD2	1.3230e-003	1.3310e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6690e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5800e-004	5.5000e-004
tblVehicleEF	LHD2	1.1090e-003	1.2360e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9800e-004	4.2600e-004

tblVehicleEF	LHD2	0.08	0.09
tblVehicleEF	LHD2	0.26	0.28
tblVehicleEF	LHD2	0.25	0.28
tblVehicleEF	LHD2	5.1930e-003	5.1980e-003
tblVehicleEF	LHD2	2.7300e-004	2.7900e-004
tblVehicleEF	LHD2	1.1090e-003	1.2360e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9800e-004	4.2600e-004
tblVehicleEF	LHD2	0.09	0.10
tblVehicleEF	LHD2	0.26	0.28
tblVehicleEF	LHD2	0.27	0.30
tblVehicleEF	MCY	28.21	29.28
tblVehicleEF	MCY	9.55	9.53
tblVehicleEF	MCY	150.07	150.22
tblVehicleEF	MCY	41.75	43.15
tblVehicleEF	MCY	2.3740e-003	2.3930e-003
tblVehicleEF	MCY	1.24	1.25
tblVehicleEF	MCY	0.30	0.30
tblVehicleEF	MCY	4.4700e-004	5.1600e-004
tblVehicleEF	MCY	1.2100e-003	1.3910e-003
tblVehicleEF	MCY	3.6800e-004	4.2200e-004
tblVehicleEF	MCY	9.8500e-004	1.1200e-003
tblVehicleEF	MCY	2.15	2.17
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	1.36	1.38
tblVehicleEF	MCY	2.70	2.74
tblVehicleEF	MCY	1.45	1.54

tblVehicleEF	MCY	1.98	1.99
tblVehicleEF	MCY	2.1070e-003	2.1020e-003
tblVehicleEF	MCY	6.5200e-004	6.5900e-004
tblVehicleEF	MCY	2.15	2.17
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	1.36	1.38
tblVehicleEF	MCY	2.96	2.99
tblVehicleEF	MCY	1.45	1.54
tblVehicleEF	MCY	2.12	2.14
tblVehicleEF	MCY	31.32	32.54
tblVehicleEF	MCY	9.34	9.36
tblVehicleEF	MCY	150.07	150.22
tblVehicleEF	MCY	41.75	43.15
tblVehicleEF	MCY	2.3740e-003	2.3930e-003
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	4.4700e-004	5.1600e-004
tblVehicleEF	MCY	1.2100e-003	1.3910e-003
tblVehicleEF	MCY	3.6800e-004	4.2200e-004
tblVehicleEF	MCY	9.8500e-004	1.1200e-003
tblVehicleEF	MCY	4.48	4.54
tblVehicleEF	MCY	1.17	1.19
tblVehicleEF	MCY	2.56	2.58
tblVehicleEF	MCY	2.74	2.77
tblVehicleEF	MCY	1.52	1.61
tblVehicleEF	MCY	1.89	1.91
tblVehicleEF	MCY	2.1570e-003	2.1550e-003
tblVehicleEF	MCY	6.4500e-004	6.5400e-004

tblVehicleEF	MCY	4.48	4.54
tblVehicleEF	MCY	1.17	1.19
tblVehicleEF	MCY	2.56	2.58
tblVehicleEF	MCY	2.99	3.03
tblVehicleEF	MCY	1.52	1.61
tblVehicleEF	MCY	2.03	2.05
tblVehicleEF	MCY	28.43	29.53
tblVehicleEF	MCY	10.93	10.85
tblVehicleEF	MCY	150.07	150.22
tblVehicleEF	MCY	41.75	43.15
tblVehicleEF	MCY	2.3740e-003	2.3930e-003
tblVehicleEF	MCY	1.32	1.33
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	4.4700e-004	5.1600e-004
tblVehicleEF	MCY	1.2100e-003	1.3910e-003
tblVehicleEF	MCY	3.6800e-004	4.2200e-004
tblVehicleEF	MCY	9.8500e-004	1.1200e-003
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	0.50	0.52
tblVehicleEF	MCY	0.26	0.27
tblVehicleEF	MCY	2.78	2.82
tblVehicleEF	MCY	1.63	1.72
tblVehicleEF	MCY	2.29	2.31
tblVehicleEF	MCY	2.1130e-003	2.1090e-003
tblVehicleEF	MCY	6.8300e-004	6.9000e-004
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	0.50	0.52
tblVehicleEF	MCY	0.26	0.27

tblVehicleEF	MCY	3.03	3.08
tblVehicleEF	MCY	1.63	1.72
tblVehicleEF	MCY	2.46	2.48
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	2.36	2.59
tblVehicleEF	MDV	5.75	6.27
tblVehicleEF	MDV	476.77	493.22
tblVehicleEF	MDV	109.52	112.99
tblVehicleEF	MDV	0.16	0.16
tblVehicleEF	MDV	0.37	0.42
tblVehicleEF	MDV	0.64	0.71
tblVehicleEF	MDV	1.6430e-003	1.6670e-003
tblVehicleEF	MDV	3.4800e-003	3.3970e-003
tblVehicleEF	MDV	1.5180e-003	1.5390e-003
tblVehicleEF	MDV	3.2210e-003	3.1410e-003
tblVehicleEF	MDV	0.17	0.18
tblVehicleEF	MDV	0.22	0.23
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.76	0.77
tblVehicleEF	MDV	0.42	0.47
tblVehicleEF	MDV	5.7100e-003	5.7090e-003
tblVehicleEF	MDV	1.3760e-003	1.3830e-003
tblVehicleEF	MDV	0.17	0.18
tblVehicleEF	MDV	0.22	0.23
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.09	0.10

tblVehicleEF	MDV	0.76	0.77
tblVehicleEF	MDV	0.45	0.50
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	2.69	2.95
tblVehicleEF	MDV	5.99	6.54
tblVehicleEF	MDV	488.78	505.60
tblVehicleEF	MDV	109.52	112.99
tblVehicleEF	MDV	0.16	0.16
tblVehicleEF	MDV	0.34	0.38
tblVehicleEF	MDV	0.65	0.72
tblVehicleEF	MDV	1.6430e-003	1.6670e-003
tblVehicleEF	MDV	3.4800e-003	3.3970e-003
tblVehicleEF	MDV	1.5180e-003	1.5390e-003
tblVehicleEF	MDV	3.2210e-003	3.1410e-003
tblVehicleEF	MDV	0.36	0.37
tblVehicleEF	MDV	0.29	0.30
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.80	0.81
tblVehicleEF	MDV	0.43	0.47
tblVehicleEF	MDV	5.8600e-003	5.8580e-003
tblVehicleEF	MDV	1.3800e-003	1.3870e-003
tblVehicleEF	MDV	0.36	0.37
tblVehicleEF	MDV	0.29	0.30
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.80	0.81

tblVehicleEF	MDV	0.45	0.50
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	2.05	2.25
tblVehicleEF	MDV	7.13	7.78
tblVehicleEF	MDV	450.37	465.99
tblVehicleEF	MDV	109.52	112.99
tblVehicleEF	MDV	0.16	0.16
tblVehicleEF	MDV	0.38	0.43
tblVehicleEF	MDV	0.69	0.76
tblVehicleEF	MDV	1.6430e-003	1.6670e-003
tblVehicleEF	MDV	3.4800e-003	3.3970e-003
tblVehicleEF	MDV	1.5180e-003	1.5390e-003
tblVehicleEF	MDV	3.2210e-003	3.1410e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.85	0.86
tblVehicleEF	MDV	0.50	0.56
tblVehicleEF	MDV	5.3890e-003	5.3880e-003
tblVehicleEF	MDV	1.4000e-003	1.4090e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.85	0.86
tblVehicleEF	MDV	0.53	0.59

tblVehicleEF	MH	4.83	6.32
tblVehicleEF	MH	9.62	10.99
tblVehicleEF	MH	578.24	587.55
tblVehicleEF	MH	32.21	33.59
tblVehicleEF	MH	2.0580e-003	2.0540e-003
tblVehicleEF	MH	1.59	1.79
tblVehicleEF	MH	1.14	1.23
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.3990e-003	8.4010e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.5000e-003	1.9550e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.3270e-003	1.7030e-003
tblVehicleEF	MH	2.83	3.26
tblVehicleEF	MH	0.11	0.13
tblVehicleEF	MH	0.90	1.03
tblVehicleEF	MH	0.12	0.15
tblVehicleEF	MH	2.24	2.48
tblVehicleEF	MH	0.61	0.72
tblVehicleEF	MH	6.1080e-003	6.1340e-003
tblVehicleEF	MH	5.0900e-004	5.4300e-004
tblVehicleEF	MH	2.83	3.26
tblVehicleEF	MH	0.11	0.13
tblVehicleEF	MH	0.90	1.03
tblVehicleEF	MH	0.15	0.19
tblVehicleEF	MH	2.24	2.48
tblVehicleEF	MH	0.65	0.77

tblVehicleEF	MH	5.03	6.62
tblVehicleEF	MH	8.51	9.76
tblVehicleEF	MH	578.24	587.55
tblVehicleEF	MH	32.21	33.59
tblVehicleEF	MH	2.0580e-003	2.0540e-003
tblVehicleEF	MH	1.36	1.53
tblVehicleEF	MH	1.12	1.20
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.3990e-003	8.4010e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.5000e-003	1.9550e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.3270e-003	1.7030e-003
tblVehicleEF	MH	5.90	6.80
tblVehicleEF	MH	0.14	0.16
tblVehicleEF	MH	1.37	1.58
tblVehicleEF	MH	0.12	0.16
tblVehicleEF	MH	2.27	2.51
tblVehicleEF	MH	0.56	0.66
tblVehicleEF	MH	6.1120e-003	6.1390e-003
tblVehicleEF	MH	4.9000e-004	5.2200e-004
tblVehicleEF	MH	5.90	6.80
tblVehicleEF	MH	0.14	0.16
tblVehicleEF	MH	1.37	1.58
tblVehicleEF	MH	0.15	0.19
tblVehicleEF	MH	2.27	2.51
tblVehicleEF	MH	0.60	0.71

tblVehicleEF		MH		4.67	6.13
tblVehicleEF		MH		12.61	14.36
tblVehicleEF		MH		578.24	587.55
tblVehicleEF		MH		32.21	33.59
tblVehicleEF		MH		2.0580e-003	2.0540e-003
tblVehicleEF		MH		1.66	1.87
tblVehicleEF		MH		1.20	1.29
tblVehicleEF		MH		0.05	0.05
tblVehicleEF		MH		8.3990e-003	8.4010e-003
tblVehicleEF		MH		0.02	0.02
tblVehicleEF		MH		1.5000e-003	1.9550e-003
tblVehicleEF		MH		0.02	0.02
tblVehicleEF		MH		0.02	0.02
tblVehicleEF		MH		1.3270e-003	1.7030e-003
tblVehicleEF		MH		1.41	1.62
tblVehicleEF		MH		0.11	0.13
tblVehicleEF		MH		0.36	0.41
tblVehicleEF		MH		0.12	0.15
tblVehicleEF		MH		2.32	2.57
tblVehicleEF		MH		0.74	0.88
tblVehicleEF		MH		6.1060e-003	6.1310e-003
tblVehicleEF		MH		5.6000e-004	6.0100e-004
tblVehicleEF		MH		1.41	1.62
tblVehicleEF		MH		0.11	0.13
tblVehicleEF		MH		0.36	0.41
tblVehicleEF		MH		0.14	0.18
tblVehicleEF		MH		2.32	2.57
tblVehicleEF		MH		0.80	0.94

tblVehicleEF	MHD	8.2170e-003	8.7450e-003
tblVehicleEF	MHD	3.4250e-003	3.9360e-003
tblVehicleEF	MHD	1.86	1.90
tblVehicleEF	MHD	1.42	1.74
tblVehicleEF	MHD	19.14	21.71
tblVehicleEF	MHD	593.73	599.36
tblVehicleEF	MHD	841.36	857.48
tblVehicleEF	MHD	58.04	61.87
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.60	6.98
tblVehicleEF	MHD	2.89	3.35
tblVehicleEF	MHD	2.12	2.29
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	3.4720e-003	4.5650e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	2.6740e-003	2.6780e-003
tblVehicleEF	MHD	0.08	0.09
tblVehicleEF	MHD	2.8940e-003	3.7500e-003
tblVehicleEF	MHD	8.1560e-003	9.7400e-003
tblVehicleEF	MHD	0.20	0.25
tblVehicleEF	MHD	0.18	0.19
tblVehicleEF	MHD	3.8230e-003	4.5030e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.87	1.03

tblVehicleEF	MHD	1.44	1.71
tblVehicleEF	MHD	5.9630e-003	5.9260e-003
tblVehicleEF	MHD	8.5480e-003	8.5790e-003
tblVehicleEF	MHD	9.5600e-004	1.0350e-003
tblVehicleEF	MHD	8.1560e-003	9.7400e-003
tblVehicleEF	MHD	0.20	0.25
tblVehicleEF	MHD	0.20	0.21
tblVehicleEF	MHD	3.8230e-003	4.5030e-003
tblVehicleEF	MHD	0.13	0.15
tblVehicleEF	MHD	0.87	1.03
tblVehicleEF	MHD	1.55	1.83
tblVehicleEF	MHD	7.7440e-003	8.2410e-003
tblVehicleEF	MHD	3.4250e-003	3.9360e-003
tblVehicleEF	MHD	1.35	1.38
tblVehicleEF	MHD	1.48	1.81
tblVehicleEF	MHD	17.63	20.20
tblVehicleEF	MHD	629.00	634.97
tblVehicleEF	MHD	841.36	857.48
tblVehicleEF	MHD	58.04	61.87
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.81	7.20
tblVehicleEF	MHD	2.59	3.01
tblVehicleEF	MHD	2.08	2.25
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	3.4720e-003	4.5650e-003

tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	2.6740e-003	2.6780e-003
tblVehicleEF	MHD	0.08	0.09
tblVehicleEF	MHD	2.8940e-003	3.7500e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.25	0.32
tblVehicleEF	MHD	0.17	0.18
tblVehicleEF	MHD	6.2270e-003	7.3600e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.90	1.07
tblVehicleEF	MHD	1.36	1.61
tblVehicleEF	MHD	6.3170e-003	6.2780e-003
tblVehicleEF	MHD	8.5480e-003	8.5800e-003
tblVehicleEF	MHD	9.3000e-004	1.0080e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.25	0.32
tblVehicleEF	MHD	0.19	0.20
tblVehicleEF	MHD	6.2270e-003	7.3600e-003
tblVehicleEF	MHD	0.13	0.15
tblVehicleEF	MHD	0.90	1.07
tblVehicleEF	MHD	1.46	1.73
tblVehicleEF	MHD	8.8710e-003	9.4400e-003
tblVehicleEF	MHD	3.4250e-003	3.9360e-003
tblVehicleEF	MHD	2.56	2.61
tblVehicleEF	MHD	1.40	1.72
tblVehicleEF	MHD	23.67	26.56
tblVehicleEF	MHD	545.01	550.19

tblVehicleEF	MHD	841.36	857.48
tblVehicleEF	MHD	58.04	61.87
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.31	6.67
tblVehicleEF	MHD	2.93	3.40
tblVehicleEF	MHD	2.23	2.41
tblVehicleEF	MHD	0.04	0.05
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	3.4720e-003	4.5650e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	2.6740e-003	2.6780e-003
tblVehicleEF	MHD	0.08	0.09
tblVehicleEF	MHD	2.8940e-003	3.7500e-003
tblVehicleEF	MHD	3.5420e-003	4.2210e-003
tblVehicleEF	MHD	0.19	0.25
tblVehicleEF	MHD	0.19	0.20
tblVehicleEF	MHD	1.2300e-003	1.4290e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.91	1.07
tblVehicleEF	MHD	1.70	2.02
tblVehicleEF	MHD	5.4730e-003	5.4390e-003
tblVehicleEF	MHD	8.5470e-003	8.5790e-003
tblVehicleEF	MHD	1.0350e-003	1.1210e-003
tblVehicleEF	MHD	3.5420e-003	4.2210e-003
tblVehicleEF	MHD	0.19	0.25

tblVehicleEF	MHD	0.22	0.23
tblVehicleEF	MHD	1.2300e-003	1.4290e-003
tblVehicleEF	MHD	0.13	0.15
tblVehicleEF	MHD	0.91	1.07
tblVehicleEF	MHD	1.82	2.16
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	1.7570e-003	2.0040e-003
tblVehicleEF	OBUS	2.37	2.36
tblVehicleEF	OBUS	1.76	2.09
tblVehicleEF	OBUS	12.97	14.29
tblVehicleEF	OBUS	563.74	571.35
tblVehicleEF	OBUS	926.08	947.54
tblVehicleEF	OBUS	35.14	36.47
tblVehicleEF	OBUS	1.8600e-003	1.8690e-003
tblVehicleEF	OBUS	5.55	5.94
tblVehicleEF	OBUS	3.23	3.78
tblVehicleEF	OBUS	2.01	2.15
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.5890e-003	2.0050e-003
tblVehicleEF	OBUS	9.6700e-003	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5360e-003	2.5430e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.4430e-003	1.7870e-003
tblVehicleEF	OBUS	3.4490e-003	3.9110e-003

tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.40	0.41
tblVehicleEF	OBUS	1.2760e-003	1.4280e-003
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	0.66	0.73
tblVehicleEF	OBUS	0.93	1.05
tblVehicleEF	OBUS	5.6610e-003	5.6490e-003
tblVehicleEF	OBUS	9.4380e-003	9.5090e-003
tblVehicleEF	OBUS	6.0200e-004	6.3500e-004
tblVehicleEF	OBUS	3.4490e-003	3.9110e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.46	0.47
tblVehicleEF	OBUS	1.2760e-003	1.4280e-003
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	OBUS	0.66	0.73
tblVehicleEF	OBUS	1.00	1.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	1.7570e-003	2.0040e-003
tblVehicleEF	OBUS	1.72	1.72
tblVehicleEF	OBUS	1.79	2.12
tblVehicleEF	OBUS	11.62	12.86
tblVehicleEF	OBUS	597.23	605.30
tblVehicleEF	OBUS	926.08	947.54
tblVehicleEF	OBUS	35.14	36.47
tblVehicleEF	OBUS	1.8600e-003	1.8690e-003
tblVehicleEF	OBUS	5.73	6.13
tblVehicleEF	OBUS	2.89	3.39
tblVehicleEF	OBUS	1.97	2.11

tblVehicleEF		OBUS		8.8610e-003		0.02
tblVehicleEF		OBUS		0.09		0.09
tblVehicleEF		OBUS		0.01		0.01
tblVehicleEF		OBUS		0.04		0.06
tblVehicleEF		OBUS		1.5890e-003		2.0050e-003
tblVehicleEF		OBUS		8.1520e-003		0.01
tblVehicleEF		OBUS		0.04		0.04
tblVehicleEF		OBUS		2.5360e-003		2.5430e-003
tblVehicleEF		OBUS		0.04		0.05
tblVehicleEF		OBUS		1.4430e-003		1.7870e-003
tblVehicleEF		OBUS		7.1970e-003		8.1900e-003
tblVehicleEF		OBUS		0.05		0.06
tblVehicleEF		OBUS		0.38		0.39
tblVehicleEF		OBUS		1.9550e-003		2.1990e-003
tblVehicleEF		OBUS		0.11		0.13
tblVehicleEF		OBUS		0.67		0.75
tblVehicleEF		OBUS		0.88		0.99
tblVehicleEF		OBUS		5.9980e-003		5.9840e-003
tblVehicleEF		OBUS		9.4390e-003		9.5090e-003
tblVehicleEF		OBUS		5.7900e-004		6.1000e-004
tblVehicleEF		OBUS		7.1970e-003		8.1900e-003
tblVehicleEF		OBUS		0.05		0.06
tblVehicleEF		OBUS		0.43		0.44
tblVehicleEF		OBUS		1.9550e-003		2.1990e-003
tblVehicleEF		OBUS		0.13		0.16
tblVehicleEF		OBUS		0.67		0.75
tblVehicleEF		OBUS		0.94		1.05
tblVehicleEF		OBUS		0.02		0.02

tblVehicleEF	OBUS	1.7570e-003	2.0040e-003
tblVehicleEF	OBUS	3.26	3.26
tblVehicleEF	OBUS	1.72	2.04
tblVehicleEF	OBUS	16.54	18.14
tblVehicleEF	OBUS	517.49	524.48
tblVehicleEF	OBUS	926.08	947.54
tblVehicleEF	OBUS	35.14	36.47
tblVehicleEF	OBUS	1.8600e-003	1.8690e-003
tblVehicleEF	OBUS	5.30	5.67
tblVehicleEF	OBUS	3.29	3.85
tblVehicleEF	OBUS	2.11	2.26
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.5890e-003	2.0050e-003
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5360e-003	2.5430e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.4430e-003	1.7870e-003
tblVehicleEF	OBUS	1.6380e-003	1.8600e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.44	0.45
tblVehicleEF	OBUS	4.7700e-004	5.2800e-004
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	0.68	0.76
tblVehicleEF	OBUS	1.09	1.22

tblVehicleEF	OBUS	5.1970e-003	5.1850e-003
tblVehicleEF	OBUS	9.4380e-003	9.5080e-003
tblVehicleEF	OBUS	6.6300e-004	7.0100e-004
tblVehicleEF	OBUS	1.6380e-003	1.8600e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.50	0.51
tblVehicleEF	OBUS	4.7700e-004	5.2800e-004
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	OBUS	0.68	0.76
tblVehicleEF	OBUS	1.16	1.31
tblVehicleEF	SBUS	5.4440e-003	5.4360e-003
tblVehicleEF	SBUS	4.8860e-003	4.8500e-003
tblVehicleEF	SBUS	1.07	1.06
tblVehicleEF	SBUS	21.12	25.20
tblVehicleEF	SBUS	42.56	47.50
tblVehicleEF	SBUS	562.55	570.82
tblVehicleEF	SBUS	949.40	967.22
tblVehicleEF	SBUS	137.71	144.59
tblVehicleEF	SBUS	6.7700e-004	6.8700e-004
tblVehicleEF	SBUS	8.05	8.09
tblVehicleEF	SBUS	6.11	6.32
tblVehicleEF	SBUS	2.23	2.33
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.36	0.37
tblVehicleEF	SBUS	9.8520e-003	9.8700e-003
tblVehicleEF	SBUS	0.06	0.06
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.02	0.02

tblVehicleEF	SBUS	0.16	0.16
tblVehicleEF	SBUS	2.4630e-003	2.4680e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.12	0.13
tblVehicleEF	SBUS	0.48	0.58
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.49	1.69
tblVehicleEF	SBUS	2.81	3.24
tblVehicleEF	SBUS	3.85	4.43
tblVehicleEF	SBUS	5.6490e-003	5.6430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.2370e-003	2.3820e-003
tblVehicleEF	SBUS	0.12	0.13
tblVehicleEF	SBUS	0.48	0.58
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.60	1.82
tblVehicleEF	SBUS	2.81	3.24
tblVehicleEF	SBUS	4.13	4.76
tblVehicleEF	SBUS	5.1310e-003	5.1230e-003
tblVehicleEF	SBUS	4.8860e-003	4.8500e-003
tblVehicleEF	SBUS	0.78	0.77
tblVehicleEF	SBUS	22.86	27.38
tblVehicleEF	SBUS	40.04	44.98
tblVehicleEF	SBUS	595.97	604.73
tblVehicleEF	SBUS	949.40	967.22

tblVehicleEF	SBUS	137.71	144.59
tblVehicleEF	SBUS	6.7700e-004	6.8700e-004
tblVehicleEF	SBUS	8.31	8.35
tblVehicleEF	SBUS	5.41	5.59
tblVehicleEF	SBUS	2.13	2.22
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.36	0.37
tblVehicleEF	SBUS	9.8520e-003	9.8700e-003
tblVehicleEF	SBUS	0.06	0.06
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.16	0.16
tblVehicleEF	SBUS	2.4630e-003	2.4680e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.25	0.29
tblVehicleEF	SBUS	0.57	0.68
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.06	0.07
tblVehicleEF	SBUS	1.51	1.72
tblVehicleEF	SBUS	2.70	3.12
tblVehicleEF	SBUS	3.56	4.10
tblVehicleEF	SBUS	5.9850e-003	5.9790e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.1890e-003	2.3320e-003
tblVehicleEF	SBUS	0.25	0.29
tblVehicleEF	SBUS	0.57	0.68
tblVehicleEF	SBUS	0.13	0.13

tblVehicleEF	SBUS	0.06	0.07
tblVehicleEF	SBUS	1.63	1.85
tblVehicleEF	SBUS	2.70	3.12
tblVehicleEF	SBUS	3.82	4.40
tblVehicleEF	SBUS	5.8770e-003	5.8680e-003
tblVehicleEF	SBUS	4.8860e-003	4.8500e-003
tblVehicleEF	SBUS	1.47	1.46
tblVehicleEF	SBUS	21.42	25.67
tblVehicleEF	SBUS	50.99	56.44
tblVehicleEF	SBUS	516.39	523.99
tblVehicleEF	SBUS	949.40	967.22
tblVehicleEF	SBUS	137.71	144.59
tblVehicleEF	SBUS	6.7700e-004	6.8700e-004
tblVehicleEF	SBUS	7.69	7.73
tblVehicleEF	SBUS	6.26	6.48
tblVehicleEF	SBUS	2.43	2.54
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.36	0.37
tblVehicleEF	SBUS	9.8520e-003	9.8700e-003
tblVehicleEF	SBUS	0.06	0.06
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.16	0.16
tblVehicleEF	SBUS	2.4630e-003	2.4680e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.06
tblVehicleEF	SBUS	0.48	0.58

tblVehicleEF		SBUS		0.13	0.13
tblVehicleEF		SBUS		0.01	0.02
tblVehicleEF		SBUS		1.50	1.72
tblVehicleEF		SBUS		3.23	3.73
tblVehicleEF		SBUS		4.64	5.36
tblVehicleEF		SBUS		5.1860e-003	5.1800e-003
tblVehicleEF		SBUS		0.01	0.01
tblVehicleEF		SBUS		2.3950e-003	2.5520e-003
tblVehicleEF		SBUS		0.05	0.06
tblVehicleEF		SBUS		0.48	0.58
tblVehicleEF		SBUS		0.14	0.14
tblVehicleEF		SBUS		0.01	0.02
tblVehicleEF		SBUS		1.61	1.84
tblVehicleEF		SBUS		3.23	3.73
tblVehicleEF		SBUS		4.98	5.76
tblVehicleEF		UBUS		7.77	8.70
tblVehicleEF		UBUS		32.97	35.88
tblVehicleEF		UBUS		991.41	1,011.14
tblVehicleEF		UBUS		121.37	123.29
tblVehicleEF		UBUS		1.5100e-004	1.5200e-004
tblVehicleEF		UBUS		5.82	6.23
tblVehicleEF		UBUS		6.17	6.59
tblVehicleEF		UBUS		0.05	0.05
tblVehicleEF		UBUS		1.0030e-003	1.0840e-003
tblVehicleEF		UBUS		0.04	0.05
tblVehicleEF		UBUS		9.3000e-004	1.0060e-003
tblVehicleEF		UBUS		0.03	0.04
tblVehicleEF		UBUS		0.37	0.41

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.57	0.64
tblVehicleEF	UBUS	2.18	2.31
tblVehicleEF	UBUS	3.17	3.36
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	1.8930e-003	1.9450e-003
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.37	0.41
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.64	0.71
tblVehicleEF	UBUS	2.18	2.31
tblVehicleEF	UBUS	3.38	3.59
tblVehicleEF	UBUS	7.88	8.82
tblVehicleEF	UBUS	30.01	32.66
tblVehicleEF	UBUS	991.41	1,011.14
tblVehicleEF	UBUS	121.37	123.29
tblVehicleEF	UBUS	1.5100e-004	1.5200e-004
tblVehicleEF	UBUS	5.07	5.42
tblVehicleEF	UBUS	6.01	6.42
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0030e-003	1.0840e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	9.3000e-004	1.0060e-003
tblVehicleEF	UBUS	0.07	0.08
tblVehicleEF	UBUS	0.46	0.51
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	0.58	0.65
tblVehicleEF	UBUS	2.23	2.36

tblVehicleEF	UBUS	3.00	3.18
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	1.8410e-003	1.8890e-003
tblVehicleEF	UBUS	0.07	0.08
tblVehicleEF	UBUS	0.46	0.51
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	0.64	0.72
tblVehicleEF	UBUS	2.23	2.36
tblVehicleEF	UBUS	3.20	3.40
tblVehicleEF	UBUS	7.58	8.48
tblVehicleEF	UBUS	39.84	43.36
tblVehicleEF	UBUS	991.41	1,011.14
tblVehicleEF	UBUS	121.37	123.29
tblVehicleEF	UBUS	1.5100e-004	1.5200e-004
tblVehicleEF	UBUS	5.98	6.41
tblVehicleEF	UBUS	6.53	6.98
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0030e-003	1.0840e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	9.3000e-004	1.0060e-003
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.37	0.40
tblVehicleEF	UBUS	6.5610e-003	7.0430e-003
tblVehicleEF	UBUS	0.56	0.62
tblVehicleEF	UBUS	2.44	2.58
tblVehicleEF	UBUS	3.55	3.76
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	2.0130e-003	2.0750e-003

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.37	0.40
tblVehicleEF	UBUS	6.5610e-003	7.0430e-003
tblVehicleEF	UBUS	0.62	0.69
tblVehicleEF	UBUS	2.44	2.58
tblVehicleEF	UBUS	3.79	4.01
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	WD_TR	6.97	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2016	0.0548	0.5650	0.3192	8.6000e-004	0.5634	0.0265	0.5900	0.0567	0.0252	0.0819	0.0000	77.1427	77.1427	0.0138	0.0000	77.4318
Total	**0.0548**	**0.5650**	**0.3192**	**8.6000e-004**	**0.5634**	**0.0265**	**0.5900**	**0.0567**	**0.0252**	**0.0819**	**0.0000**	**77.1427**	**77.1427**	**0.0138**	**0.0000**	**77.4318**

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	0.0548	0.5650	0.3192	8.6000e-004	0.4458	0.0265	0.4723	0.0449	0.0252	0.0701	0.0000	77.1426	77.1426	0.0138	0.0000	77.4317
Total	**0.0548**	**0.5650**	**0.3192**	**8.6000e-004**	**0.4458**	**0.0265**	**0.4723**	**0.0449**	**0.0252**	**0.0701**	**0.0000**	**77.1426**	**77.1426**	**0.0138**	**0.0000**	**77.4317**

	ROG	NOx	CO	SO2	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	20.88	0.00	19.94	20.80	0.00	14.40	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste							0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water							0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	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	Plowed conduit installation	Trenching	1/12/2016	1/20/2016	5	7	
2	Bored installation	Trenching	1/21/2016	3/4/2016	5	32	
3	Node installation	Trenching	3/7/2016	3/11/2016	5	5	

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
Plowed conduit installation	Air Compressors	2	4.00	174	0.41
Plowed conduit installation	Crawler Tractors	2	8.00	97	0.37
Bored installation	Air Compressors	2	4.00	78	0.48
Bored installation	Bore/Drill Rigs	2	8.00	205	0.50
Bored installation	Pumps	2	8.00	208	0.43
Bored installation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Node installation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Plowed conduit installation	4	10.00	8.00	0.00	7.30	8.90	20.00	LD_Mix	HDT_Mix	HHDT
Bored installation	8	20.00	6.00	0.00	7.30	8.90	20.00	LD_Mix	HDT_Mix	HHDT
Node installation	1	6.00	6.00	0.00	7.30	8.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Plowed conduit installation - 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	6.1500e-003	0.0504	0.0327	5.0000e-005		3.7100e-003	3.7100e-003		3.4900e-003	3.4900e-003	0.0000	4.3255	4.3255	8.1000e-004	0.0000	4.3425
Total	**6.1500e-003**	**0.0504**	**0.0327**	**5.0000e-005**		**3.7100e-003**	**3.7100e-003**		**3.4900e-003**	**3.4900e-003**	**0.0000**	**4.3255**	**4.3255**	**8.1000e-004**	**0.0000**	**4.3425**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr							MT/yr			
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-004	2.8600e-003	4.1100e-003	1.0000e-005	0.0357	6.0000e-005	0.0357	3.6000e-003	6.0000e-005	3.6500e-003	0.0000	0.6400	0.6400	0.0000	0.0000	0.6401
Worker	1.9000e-004	2.3000e-004	2.0500e-003	0.0000	0.0365	0.0000	0.0366	3.6800e-003	0.0000	3.6800e-003	0.0000	0.1595	0.1595	1.0000e-005	0.0000	0.1598
Total	**5.3000e-004**	**3.0900e-003**	**6.1600e-003**	**1.0000e-005**	**0.0722**	**6.0000e-005**	**0.0723**	**7.2800e-003**	**6.0000e-005**	**7.3300e-003**	**0.0000**	**0.7996**	**0.7996**	**1.0000e-005**	**0.0000**	**0.8000**

3.2 Plowed conduit installation - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Off-Road	6.1500e-003	0.0504	0.0327	5.0000e-005		3.7100e-003	3.7100e-003		3.4900e-003	3.4900e-003	0.0000	4.3255	4.3255	8.1000e-004	0.0000	4.3425
Total	**6.1500e-003**	**0.0504**	**0.0327**	**5.0000e-005**		**3.7100e-003**	**3.7100e-003**		**3.4900e-003**	**3.4900e-003**	**0.0000**	**4.3255**	**4.3255**	**8.1000e-004**	**0.0000**	**4.3425**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-004	2.8600e-003	4.1100e-003	1.0000e-005	0.0282	6.0000e-005	0.0283	2.8500e-003	6.0000e-005	2.9100e-003	0.0000	0.6400	0.6400	0.0000	0.0000	0.6401
Worker	1.9000e-004	2.3000e-004	2.0500e-003	0.0000	0.0289	0.0000	0.0289	2.9100e-003	0.0000	2.9100e-003	0.0000	0.1595	0.1595	1.0000e-005	0.0000	0.1598
Total	**5.3000e-004**	**3.0900e-003**	**6.1600e-003**	**1.0000e-005**	**0.0571**	**6.0000e-005**	**0.0572**	**5.7600e-003**	**6.0000e-005**	**5.8200e-003**	**0.0000**	**0.7996**	**0.7996**	**1.0000e-005**	**0.0000**	**0.8000**

3.3 Bored installation - 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	0.0440	0.4899	0.2384	7.5000e-004		0.0219	0.0219		0.0209	0.0209	0.0000	67.2192	67.2192	0.0126	0.0000	67.4832
Total	0.0440	0.4899	0.2384	7.5000e-004		0.0219	0.0219		0.0209	0.0209	0.0000	67.2192	67.2192	0.0126	0.0000	67.4832

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1500e-003	9.8000e-003	0.0141	2.0000e-005	0.1223	2.1000e-004	0.1225	0.0123	1.9000e-004	0.0125	0.0000	2.1944	2.1944	1.0000e-005	0.0000	2.1947
Worker	1.7800e-003	2.0800e-003	0.0188	2.0000e-005	0.3341	1.0000e-005	0.3341	0.0336	1.0000e-005	0.0336	0.0000	1.4586	1.4586	1.3000e-004	0.0000	1.4613
Total	2.9300e-003	0.0119	0.0329	4.0000e-005	0.4564	2.2000e-004	0.4567	0.0460	2.0000e-004	0.0462	0.0000	3.6530	3.6530	1.4000e-004	0.0000	3.6560

3.3 Bored installation - 2016

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0440	0.4899	0.2384	7.5000e-004		0.0219	0.0219		0.0209	0.0209	0.0000	67.2191	67.2191	0.0126	0.0000	67.4831
Total	0.0440	0.4899	0.2384	7.5000e-004		0.0219	0.0219		0.0209	0.0209	0.0000	67.2191	67.2191	0.0126	0.0000	67.4831

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category						tons/yr								MT/yr		
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1500e-003	9.8000e-003	0.0141	2.0000e-005	0.0968	2.1000e-004	0.0970	9.7800e-003	1.9000e-004	9.9700e-003	0.0000	2.1944	2.1944	1.0000e-005	0.0000	2.1947
Worker	1.7800e-003	2.0800e-003	0.0188	2.0000e-005	0.2643	1.0000e-005	0.2643	0.0266	1.0000e-005	0.0266	0.0000	1.4586	1.4586	1.3000e-004	0.0000	1.4613
Total	2.9300e-003	0.0119	0.0329	4.0000e-005	0.3611	2.2000e-004	0.3613	0.0364	2.0000e-004	0.0366	0.0000	3.6530	3.6530	1.4000e-004	0.0000	3.6560

3.4 Node installation - 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	8.5000e-004	8.1400e-003	6.0300e-003	1.0000e-005		6.3000e-004	6.3000e-004		5.8000e-004	5.8000e-004	0.0000	0.7341	0.7341	2.2000e-004	0.0000	0.7387
Total	**8.5000e-004**	**8.1400e-003**	**6.0300e-003**	**1.0000e-005**		**6.3000e-004**	**6.3000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**0.7341**	**0.7341**	**2.2000e-004**	**0.0000**	**0.7387**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	1.5300e-003	2.2000e-003	0.0000	0.0191	3.0000e-005	0.0191	1.9300e-003	3.0000e-005	1.9600e-003	0.0000	0.3429	0.3429	0.0000	0.0000	0.3429
Worker	8.0000e-005	1.0000e-004	8.8000e-004	0.0000	0.0157	0.0000	0.0157	1.5800e-003	0.0000	1.5800e-003	0.0000	0.0684	0.0684	1.0000e-005	0.0000	0.0685
Total	**2.6000e-004**	**1.6300e-003**	**3.0800e-003**	**0.0000**	**0.0348**	**3.0000e-005**	**0.0348**	**3.5100e-003**	**3.0000e-005**	**3.5400e-003**	**0.0000**	**0.4113**	**0.4113**	**1.0000e-005**	**0.0000**	**0.4114**

3.4 Node installation - 2016

Mitigated Construction On-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category		tons/yr										MT/yr					
Off-Road		8.5000e-004	8.1400e-003	6.0300e-003	1.0000e-005		6.3000e-004	6.3000e-004		5.8000e-004	5.8000e-004	0.0000	0.7341	0.7341	2.2000e-004	0.0000	0.7387
Total		**8.5000e-004**	**8.1400e-003**	**6.0300e-003**	**1.0000e-005**		**6.3000e-004**	**6.3000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**0.7341**	**0.7341**	**2.2000e-004**	**0.0000**	**0.7387**

Mitigated Construction Off-Site

		ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category		tons/yr										MT/yr					
Hauling		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor		1.8000e-004	1.5300e-003	2.2000e-003	0.0000	0.0151	3.0000e-005	0.0152	1.5300e-003	3.0000e-005	1.5600e-003	0.0000	0.3429	0.3429	0.0000	0.0000	0.3429
Worker		8.0000e-005	1.0000e-004	8.8000e-004	0.0000	0.0124	0.0000	0.0124	1.2500e-003	0.0000	1.2500e-003	0.0000	0.0684	0.0684	1.0000e-005	0.0000	0.0685
Total		**2.6000e-004**	**1.6300e-003**	**3.0800e-003**	**0.0000**	**0.0275**	**3.0000e-005**	**0.0276**	**2.7800e-003**	**3.0000e-005**	**2.8100e-003**	**0.0000**	**0.4113**	**0.4113**	**1.0000e-005**	**0.0000**	**0.4114**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
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	16.40	9.50	11.90	59.00	28.00	13.00	92	5	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.452463	0.070907	0.165532	0.163183	0.043777	0.005595	0.012812	0.078576	0.001869	0.000152	0.002393	0.000687	0.002054

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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

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

5.2 Energy by Land Use - NaturalGas

Mitigated

Land Use	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
	kBTU/yr	tons/yr										MT/yr					
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	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

Land Use	Electricity Use	Total CO2	CH4	N2O	CO2e
	kWh/yr	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	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

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

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

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

Land Use	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
	Mgal	MT/yr			
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

10.0 Vegetation

CPUC Winterhaven Broadband

Imperial County, Winter

1.0 Project Characteristics

1.1 Land Usage

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

1.2 Other Project Characteristics

Urbanization	Rural	**Wind Speed (m/s)**	3.4	**Precipitation Freq (Days)**	12
Climate Zone	15			**Operational Year**	2017

Utility Company Imperial Irrigation District

CO2 Intensity (lb/MWhr)	1270.9	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use -

Construction Phase - Durations determined based on an assumed 2 miles/day for plow installation, 400 ft/day for bored installation, and 2 nodes/day.

Off-road Equipment - Bored installation has 2 pumps, 2 air compressors, 2 drill rigs, and 2 backhoes.

Off-road Equipment - Node construction will only have 1 backhoe.

Off-road Equipment - Plowed installation has 2 air compressors, and 2 crawler tractors.

Trips and VMT - Vendor trips include equipment delivery and water trucks for dust control. Workers in Winterhaven, vendors in Yuma. Equipment delivery rate=2/day for plowed and 1/day for bored installations. Node vaults = 1/day. Water truck = twice/day during each phase.

On-road Fugitive Dust - Approximately 10% of the roads in the project area are not paved.

Vehicle Trips - Assumed no workers.

Road Dust - Updated % road paved to be 90%.

Construction Off-road Equipment Mitigation - Assume cleaning of paved roads will provide a 10% reduction in PM.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	10
tblConstructionPhase	PhaseStartDate	3/5/2016	3/7/2016
tblOffRoadEquipment	HorsePower	78.00	174.00
tblOffRoadEquipment	HorsePower	208.00	97.00
tblOffRoadEquipment	HorsePower	84.00	208.00
tblOffRoadEquipment	LoadFactor	0.48	0.41
tblOffRoadEquipment	LoadFactor	0.43	0.37
tblOffRoadEquipment	LoadFactor	0.74	0.43
tblOnRoadDust	VendorPercentPave	50.00	90.00
tblOnRoadDust	VendorPercentPave	50.00	90.00
tblOnRoadDust	VendorPercentPave	50.00	90.00
tblOnRoadDust	WorkerPercentPave	50.00	90.00
tblOnRoadDust	WorkerPercentPave	50.00	90.00
tblOnRoadDust	WorkerPercentPave	50.00	90.00
tblProjectCharacteristics	OperationalYear	2014	2017

tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblRoadDust	RoadPercentPave	50	90
tblTripsAndVMT	VendorTripLength	11.90	8.90
tblTripsAndVMT	VendorTripLength	11.90	8.90
tblTripsAndVMT	VendorTripLength	11.90	8.90
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripLength	10.20	7.30
tblTripsAndVMT	WorkerTripLength	10.20	7.30
tblTripsAndVMT	WorkerTripLength	10.20	7.30
tblTripsAndVMT	WorkerTripNumber	3.00	6.00
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	7.1940e-003	7.6650e-003
tblVehicleEF	HHD	3.02	2.95
tblVehicleEF	HHD	1.71	1.75
tblVehicleEF	HHD	70.59	75.37
tblVehicleEF	HHD	557.88	566.80
tblVehicleEF	HHD	1,511.58	1,538.63
tblVehicleEF	HHD	61.94	65.70
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	4.29	4.62
tblVehicleEF	HHD	4.30	4.86
tblVehicleEF	HHD	4.71	4.85
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.10	0.11

tblVehicleEF	HHD	4.0230e-003	4.9800e-003
tblVehicleEF	HHD	9.8530e-003	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8370e-003	8.8390e-003
tblVehicleEF	HHD	0.09	0.11
tblVehicleEF	HHD	3.1900e-003	3.9270e-003
tblVehicleEF	HHD	6.8240e-003	8.0590e-003
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	0.54	0.53
tblVehicleEF	HHD	3.2800e-003	3.8220e-003
tblVehicleEF	HHD	0.16	0.17
tblVehicleEF	HHD	0.80	0.95
tblVehicleEF	HHD	2.83	3.23
tblVehicleEF	HHD	5.6030e-003	5.6040e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8480e-003	1.9650e-003
tblVehicleEF	HHD	6.8240e-003	8.0590e-003
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	0.61	0.60
tblVehicleEF	HHD	3.2800e-003	3.8220e-003
tblVehicleEF	HHD	0.19	0.20
tblVehicleEF	HHD	0.80	0.95
tblVehicleEF	HHD	3.04	3.47
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	7.1940e-003	7.6650e-003
tblVehicleEF	HHD	2.20	2.14
tblVehicleEF	HHD	1.72	1.76
tblVehicleEF	HHD	67.18	72.53

tblVehicleEF	HHD	591.03	600.47
tblVehicleEF	HHD	1,511.58	1,538.63
tblVehicleEF	HHD	61.94	65.70
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	4.43	4.77
tblVehicleEF	HHD	3.91	4.42
tblVehicleEF	HHD	4.62	4.75
tblVehicleEF	HHD	9.0280e-003	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.10	0.11
tblVehicleEF	HHD	4.0230e-003	4.9800e-003
tblVehicleEF	HHD	8.3060e-003	9.9260e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8370e-003	8.8390e-003
tblVehicleEF	HHD	0.09	0.11
tblVehicleEF	HHD	3.1900e-003	3.9270e-003
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	0.25	0.30
tblVehicleEF	HHD	0.51	0.50
tblVehicleEF	HHD	5.2890e-003	6.1810e-003
tblVehicleEF	HHD	0.16	0.17
tblVehicleEF	HHD	0.84	0.99
tblVehicleEF	HHD	2.69	3.07
tblVehicleEF	HHD	5.9350e-003	5.9370e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.7900e-003	1.9150e-003
tblVehicleEF	HHD	0.01	0.02

tblVehicleEF	HHD	0.25	0.30
tblVehicleEF	HHD	0.58	0.57
tblVehicleEF	HHD	5.2890e-003	6.1810e-003
tblVehicleEF	HHD	0.19	0.20
tblVehicleEF	HHD	0.84	0.99
tblVehicleEF	HHD	2.88	3.30
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	7.1940e-003	7.6650e-003
tblVehicleEF	HHD	4.17	4.06
tblVehicleEF	HHD	1.69	1.73
tblVehicleEF	HHD	83.73	88.23
tblVehicleEF	HHD	512.11	520.30
tblVehicleEF	HHD	1,511.58	1,538.63
tblVehicleEF	HHD	61.94	65.70
tblVehicleEF	HHD	0.08	0.08
tblVehicleEF	HHD	4.10	4.42
tblVehicleEF	HHD	4.34	4.92
tblVehicleEF	HHD	4.95	5.09
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.10	0.11
tblVehicleEF	HHD	4.0230e-003	4.9800e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8370e-003	8.8390e-003
tblVehicleEF	HHD	0.09	0.11
tblVehicleEF	HHD	3.1900e-003	3.9270e-003

tblVehicleEF	HHD	2.8910e-003	3.4130e-003
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	0.58	0.57
tblVehicleEF	HHD	1.0500e-003	1.2110e-003
tblVehicleEF	HHD	0.16	0.17
tblVehicleEF	HHD	0.82	0.97
tblVehicleEF	HHD	3.34	3.83
tblVehicleEF	HHD	5.1430e-003	5.1440e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.0710e-003	2.1860e-003
tblVehicleEF	HHD	2.8910e-003	3.4130e-003
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	0.66	0.65
tblVehicleEF	HHD	1.0500e-003	1.2110e-003
tblVehicleEF	HHD	0.19	0.20
tblVehicleEF	HHD	0.82	0.97
tblVehicleEF	HHD	3.59	4.11
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.47	2.63
tblVehicleEF	LDA	5.75	6.11
tblVehicleEF	LDA	246.08	257.62
tblVehicleEF	LDA	57.24	59.93
tblVehicleEF	LDA	0.45	0.45
tblVehicleEF	LDA	0.34	0.35
tblVehicleEF	LDA	0.30	0.32
tblVehicleEF	LDA	1.6070e-003	1.6480e-003
tblVehicleEF	LDA	3.5900e-003	3.5020e-003

tblVehicleEF	LDA	1.4800e-003	1.5120e-003
tblVehicleEF	LDA	3.3110e-003	3.2200e-003
tblVehicleEF	LDA	0.17	0.19
tblVehicleEF	LDA	0.18	0.19
tblVehicleEF	LDA	0.11	0.12
tblVehicleEF	LDA	0.11	0.12
tblVehicleEF	LDA	0.39	0.42
tblVehicleEF	LDA	0.52	0.55
tblVehicleEF	LDA	3.3100e-003	3.3130e-003
tblVehicleEF	LDA	8.3900e-004	8.4600e-004
tblVehicleEF	LDA	0.17	0.19
tblVehicleEF	LDA	0.18	0.19
tblVehicleEF	LDA	0.11	0.12
tblVehicleEF	LDA	0.13	0.14
tblVehicleEF	LDA	0.39	0.42
tblVehicleEF	LDA	0.56	0.59
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.82	3.00
tblVehicleEF	LDA	6.01	6.39
tblVehicleEF	LDA	252.47	264.31
tblVehicleEF	LDA	57.24	59.93
tblVehicleEF	LDA	0.45	0.45
tblVehicleEF	LDA	0.30	0.32
tblVehicleEF	LDA	0.30	0.33
tblVehicleEF	LDA	1.6070e-003	1.6480e-003
tblVehicleEF	LDA	3.5900e-003	3.5020e-003
tblVehicleEF	LDA	1.4800e-003	1.5120e-003

tblVehicleEF	LDA	3.3110e-003	3.2200e-003
tblVehicleEF	LDA	0.36	0.39
tblVehicleEF	LDA	0.26	0.28
tblVehicleEF	LDA	0.20	0.21
tblVehicleEF	LDA	0.12	0.13
tblVehicleEF	LDA	0.40	0.44
tblVehicleEF	LDA	0.52	0.56
tblVehicleEF	LDA	3.4020e-003	3.4050e-003
tblVehicleEF	LDA	8.4400e-004	8.5100e-004
tblVehicleEF	LDA	0.36	0.39
tblVehicleEF	LDA	0.26	0.28
tblVehicleEF	LDA	0.20	0.21
tblVehicleEF	LDA	0.15	0.16
tblVehicleEF	LDA	0.40	0.44
tblVehicleEF	LDA	0.56	0.59
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	2.12	2.26
tblVehicleEF	LDA	7.14	7.58
tblVehicleEF	LDA	232.04	242.93
tblVehicleEF	LDA	57.24	59.93
tblVehicleEF	LDA	0.45	0.45
tblVehicleEF	LDA	0.34	0.36
tblVehicleEF	LDA	0.32	0.35
tblVehicleEF	LDA	1.6070e-003	1.6480e-003
tblVehicleEF	LDA	3.5900e-003	3.5020e-003
tblVehicleEF	LDA	1.4800e-003	1.5120e-003
tblVehicleEF	LDA	3.3110e-003	3.2200e-003

tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.15	0.16
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.10	0.11
tblVehicleEF	LDA	0.43	0.46
tblVehicleEF	LDA	0.61	0.65
tblVehicleEF	LDA	3.1160e-003	3.1180e-003
tblVehicleEF	LDA	8.6400e-004	8.7200e-004
tblVehicleEF	LDA	0.07	0.08
tblVehicleEF	LDA	0.15	0.16
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.12	0.13
tblVehicleEF	LDA	0.43	0.46
tblVehicleEF	LDA	0.65	0.70
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	3.24	3.76
tblVehicleEF	LDT1	6.12	6.93
tblVehicleEF	LDT1	290.71	303.32
tblVehicleEF	LDT1	67.84	70.85
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.36	0.41
tblVehicleEF	LDT1	0.37	0.41
tblVehicleEF	LDT1	2.9930e-003	3.2950e-003
tblVehicleEF	LDT1	5.4120e-003	5.7030e-003
tblVehicleEF	LDT1	2.7510e-003	3.0140e-003
tblVehicleEF	LDT1	4.9820e-003	5.2270e-003
tblVehicleEF	LDT1	0.30	0.34

tblVehicleEF	LDT1	0.30	0.33
tblVehicleEF	LDT1	0.21	0.23
tblVehicleEF	LDT1	0.10	0.13
tblVehicleEF	LDT1	1.03	1.15
tblVehicleEF	LDT1	0.45	0.52
tblVehicleEF	LDT1	3.8320e-003	3.8380e-003
tblVehicleEF	LDT1	9.6000e-004	9.7600e-004
tblVehicleEF	LDT1	0.30	0.34
tblVehicleEF	LDT1	0.30	0.33
tblVehicleEF	LDT1	0.21	0.23
tblVehicleEF	LDT1	0.13	0.16
tblVehicleEF	LDT1	1.03	1.15
tblVehicleEF	LDT1	0.48	0.56
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	3.72	4.31
tblVehicleEF	LDT1	6.42	7.28
tblVehicleEF	LDT1	297.84	310.71
tblVehicleEF	LDT1	67.84	70.85
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.32	0.37
tblVehicleEF	LDT1	0.38	0.42
tblVehicleEF	LDT1	2.9930e-003	3.2950e-003
tblVehicleEF	LDT1	5.4120e-003	5.7030e-003
tblVehicleEF	LDT1	2.7510e-003	3.0140e-003
tblVehicleEF	LDT1	4.9820e-003	5.2270e-003
tblVehicleEF	LDT1	0.63	0.71
tblVehicleEF	LDT1	0.40	0.45

tblVehicleEF	LDT1	0.35	0.39
tblVehicleEF	LDT1	0.12	0.15
tblVehicleEF	LDT1	1.09	1.21
tblVehicleEF	LDT1	0.46	0.53
tblVehicleEF	LDT1	3.9350e-003	3.9410e-003
tblVehicleEF	LDT1	9.6500e-004	9.8100e-004
tblVehicleEF	LDT1	0.63	0.71
tblVehicleEF	LDT1	0.40	0.45
tblVehicleEF	LDT1	0.35	0.39
tblVehicleEF	LDT1	0.15	0.18
tblVehicleEF	LDT1	1.09	1.21
tblVehicleEF	LDT1	0.49	0.57
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	2.86	3.33
tblVehicleEF	LDT1	7.55	8.55
tblVehicleEF	LDT1	275.04	287.07
tblVehicleEF	LDT1	67.84	70.85
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.37	0.43
tblVehicleEF	LDT1	0.39	0.44
tblVehicleEF	LDT1	2.9930e-003	3.2950e-003
tblVehicleEF	LDT1	5.4120e-003	5.7030e-003
tblVehicleEF	LDT1	2.7510e-003	3.0140e-003
tblVehicleEF	LDT1	4.9820e-003	5.2270e-003
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.26	0.30
tblVehicleEF	LDT1	0.06	0.07

tblVehicleEF	LDT1	0.09	0.12
tblVehicleEF	LDT1	1.15	1.28
tblVehicleEF	LDT1	0.53	0.62
tblVehicleEF	LDT1	3.6190e-003	3.6260e-003
tblVehicleEF	LDT1	9.8500e-004	1.0040e-003
tblVehicleEF	LDT1	0.13	0.14
tblVehicleEF	LDT1	0.26	0.30
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.12	0.14
tblVehicleEF	LDT1	1.15	1.28
tblVehicleEF	LDT1	0.57	0.66
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	1.89	2.17
tblVehicleEF	LDT2	3.90	4.45
tblVehicleEF	LDT2	362.13	375.84
tblVehicleEF	LDT2	83.72	86.86
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	0.24	0.28
tblVehicleEF	LDT2	0.39	0.45
tblVehicleEF	LDT2	1.6430e-003	1.7150e-003
tblVehicleEF	LDT2	3.4820e-003	3.4150e-003
tblVehicleEF	LDT2	1.5100e-003	1.5670e-003
tblVehicleEF	LDT2	3.2090e-003	3.1320e-003
tblVehicleEF	LDT2	0.15	0.17
tblVehicleEF	LDT2	0.18	0.19
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.05	0.06

tblVehicleEF	LDT2	0.59	0.64
tblVehicleEF	LDT2	0.25	0.30
tblVehicleEF	LDT2	4.4820e-003	4.4870e-003
tblVehicleEF	LDT2	1.0740e-003	1.0840e-003
tblVehicleEF	LDT2	0.15	0.17
tblVehicleEF	LDT2	0.18	0.19
tblVehicleEF	LDT2	0.11	0.12
tblVehicleEF	LDT2	0.07	0.08
tblVehicleEF	LDT2	0.59	0.64
tblVehicleEF	LDT2	0.27	0.32
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	2.16	2.48
tblVehicleEF	LDT2	4.07	4.65
tblVehicleEF	LDT2	371.33	385.36
tblVehicleEF	LDT2	83.72	86.86
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	0.21	0.25
tblVehicleEF	LDT2	0.40	0.46
tblVehicleEF	LDT2	1.6430e-003	1.7150e-003
tblVehicleEF	LDT2	3.4820e-003	3.4150e-003
tblVehicleEF	LDT2	1.5100e-003	1.5670e-003
tblVehicleEF	LDT2	3.2090e-003	3.1320e-003
tblVehicleEF	LDT2	0.32	0.35
tblVehicleEF	LDT2	0.23	0.26
tblVehicleEF	LDT2	0.19	0.21
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.61	0.67

tblVehicleEF	LDT2	0.26	0.30
tblVehicleEF	LDT2	4.6000e-003	4.6050e-003
tblVehicleEF	LDT2	1.0770e-003	1.0870e-003
tblVehicleEF	LDT2	0.32	0.35
tblVehicleEF	LDT2	0.23	0.26
tblVehicleEF	LDT2	0.19	0.21
tblVehicleEF	LDT2	0.08	0.09
tblVehicleEF	LDT2	0.61	0.67
tblVehicleEF	LDT2	0.27	0.32
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	1.65	1.90
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tblVehicleEF	LDT2	341.91	354.92
tblVehicleEF	LDT2	83.72	86.86
tblVehicleEF	LDT2	0.17	0.17
tblVehicleEF	LDT2	0.24	0.28
tblVehicleEF	LDT2	0.42	0.48
tblVehicleEF	LDT2	1.6430e-003	1.7150e-003
tblVehicleEF	LDT2	3.4820e-003	3.4150e-003
tblVehicleEF	LDT2	1.5100e-003	1.5670e-003
tblVehicleEF	LDT2	3.2090e-003	3.1320e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.16	0.17
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.66	0.71
tblVehicleEF	LDT2	0.30	0.35

tblVehicleEF	LDT2	4.2270e-003	4.2330e-003
tblVehicleEF	LDT2	1.0900e-003	1.1020e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.16	0.17
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.66	0.71
tblVehicleEF	LDT2	0.32	0.37
tblVehicleEF	LHD1	1.2690e-003	1.2700e-003
tblVehicleEF	LHD1	9.7930e-003	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.18	0.18
tblVehicleEF	LHD1	1.16	1.29
tblVehicleEF	LHD1	3.79	4.03
tblVehicleEF	LHD1	8.63	8.76
tblVehicleEF	LHD1	517.21	525.58
tblVehicleEF	LHD1	35.27	35.68
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	1.83	2.02
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tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.1000e-004	8.9800e-004
tblVehicleEF	LHD1	7.7900e-004	7.8700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.2110e-003	9.8140e-003

tblVehicleEF	LHD1	7.5000e-004	8.3100e-004
tblVehicleEF	LHD1	4.4200e-003	4.6750e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.1360e-003	2.2310e-003
tblVehicleEF	LHD1	0.08	0.09
tblVehicleEF	LHD1	0.42	0.44
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tblVehicleEF	LHD1	5.3570e-003	5.3610e-003
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tblVehicleEF	LHD1	4.4200e-003	4.6750e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.1360e-003	2.2310e-003
tblVehicleEF	LHD1	0.10	0.11
tblVehicleEF	LHD1	0.42	0.44
tblVehicleEF	LHD1	0.42	0.45
tblVehicleEF	LHD1	1.2690e-003	1.2700e-003
tblVehicleEF	LHD1	9.7930e-003	0.01
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.18	0.18
tblVehicleEF	LHD1	1.18	1.31
tblVehicleEF	LHD1	3.38	3.60
tblVehicleEF	LHD1	8.63	8.76
tblVehicleEF	LHD1	517.21	525.58
tblVehicleEF	LHD1	35.27	35.68
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.08	0.08

tblVehicleEF	LHD1	1.64	1.81
tblVehicleEF	LHD1	1.38	1.41
tblVehicleEF	LHD1	8.4600e-004	8.5500e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.1000e-004	8.9800e-004
tblVehicleEF	LHD1	7.7900e-004	7.8700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.2110e-003	9.8140e-003
tblVehicleEF	LHD1	7.5000e-004	8.3100e-004
tblVehicleEF	LHD1	9.0780e-003	9.6080e-003
tblVehicleEF	LHD1	0.09	0.10
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.4560e-003	3.6360e-003
tblVehicleEF	LHD1	0.09	0.09
tblVehicleEF	LHD1	0.43	0.45
tblVehicleEF	LHD1	0.37	0.40
tblVehicleEF	LHD1	5.3570e-003	5.3620e-003
tblVehicleEF	LHD1	4.3500e-004	4.3800e-004
tblVehicleEF	LHD1	9.0780e-003	9.6080e-003
tblVehicleEF	LHD1	0.09	0.10
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.4560e-003	3.6360e-003
tblVehicleEF	LHD1	0.10	0.11
tblVehicleEF	LHD1	0.43	0.45
tblVehicleEF	LHD1	0.40	0.42
tblVehicleEF	LHD1	1.2690e-003	1.2700e-003
tblVehicleEF	LHD1	9.7930e-003	0.01

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.18	0.18
tblVehicleEF	LHD1	1.13	1.26
tblVehicleEF	LHD1	4.82	5.14
tblVehicleEF	LHD1	8.63	8.76
tblVehicleEF	LHD1	517.21	525.58
tblVehicleEF	LHD1	35.27	35.68
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.08	0.08
tblVehicleEF	LHD1	1.87	2.06
tblVehicleEF	LHD1	1.47	1.51
tblVehicleEF	LHD1	8.4600e-004	8.5500e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.1000e-004	8.9800e-004
tblVehicleEF	LHD1	7.7900e-004	7.8700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.2110e-003	9.8140e-003
tblVehicleEF	LHD1	7.5000e-004	8.3100e-004
tblVehicleEF	LHD1	1.9690e-003	2.0890e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	7.3200e-004	7.5200e-004
tblVehicleEF	LHD1	0.08	0.09
tblVehicleEF	LHD1	0.44	0.46
tblVehicleEF	LHD1	0.46	0.49
tblVehicleEF	LHD1	5.3570e-003	5.3610e-003
tblVehicleEF	LHD1	4.6100e-004	4.6500e-004

tblVehicleEF	LHD1	1.9690e-003	2.0890e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	7.3200e-004	7.5200e-004
tblVehicleEF	LHD1	0.10	0.11
tblVehicleEF	LHD1	0.44	0.46
tblVehicleEF	LHD1	0.49	0.52
tblVehicleEF	LHD2	9.1000e-004	9.1100e-004
tblVehicleEF	LHD2	7.0380e-003	7.8700e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.87	1.00
tblVehicleEF	LHD2	2.26	2.50
tblVehicleEF	LHD2	9.49	9.64
tblVehicleEF	LHD2	507.97	516.33
tblVehicleEF	LHD2	21.01	21.44
tblVehicleEF	LHD2	5.5930e-003	5.5950e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	2.42	2.67
tblVehicleEF	LHD2	0.79	0.82
tblVehicleEF	LHD2	1.4380e-003	1.4470e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.2100e-004	6.3200e-004
tblVehicleEF	LHD2	1.3230e-003	1.3310e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6690e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5800e-004	5.5000e-004
tblVehicleEF	LHD2	2.5270e-003	2.8110e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2190e-003	1.3330e-003
tblVehicleEF	LHD2	0.08	0.09
tblVehicleEF	LHD2	0.25	0.27
tblVehicleEF	LHD2	0.22	0.24
tblVehicleEF	LHD2	5.1930e-003	5.1980e-003
tblVehicleEF	LHD2	2.6300e-004	2.6900e-004
tblVehicleEF	LHD2	2.5270e-003	2.8110e-003
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2190e-003	1.3330e-003
tblVehicleEF	LHD2	0.09	0.10
tblVehicleEF	LHD2	0.25	0.27
tblVehicleEF	LHD2	0.24	0.26
tblVehicleEF	LHD2	9.1000e-004	9.1100e-004
tblVehicleEF	LHD2	7.0380e-003	7.8700e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.89	1.03
tblVehicleEF	LHD2	2.05	2.28
tblVehicleEF	LHD2	9.49	9.64
tblVehicleEF	LHD2	507.97	516.33
tblVehicleEF	LHD2	21.01	21.44
tblVehicleEF	LHD2	5.5930e-003	5.5950e-003

tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	2.19	2.42
tblVehicleEF	LHD2	0.78	0.81
tblVehicleEF	LHD2	1.4380e-003	1.4470e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.2100e-004	6.3200e-004
tblVehicleEF	LHD2	1.3230e-003	1.3310e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6680e-003	2.6690e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.5800e-004	5.5000e-004
tblVehicleEF	LHD2	5.2230e-003	5.8260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.9850e-003	2.1890e-003
tblVehicleEF	LHD2	0.08	0.09
tblVehicleEF	LHD2	0.26	0.28
tblVehicleEF	LHD2	0.21	0.23
tblVehicleEF	LHD2	5.1940e-003	5.1990e-003
tblVehicleEF	LHD2	2.6000e-004	2.6500e-004
tblVehicleEF	LHD2	5.2230e-003	5.8260e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.9850e-003	2.1890e-003
tblVehicleEF	LHD2	0.09	0.10
tblVehicleEF	LHD2	0.26	0.28

tblVehicleEF		LHD2	0.22	0.25
tblVehicleEF		LHD2	9.1000e-004	9.1100e-004
tblVehicleEF		LHD2	7.0380e-003	7.8700e-003
tblVehicleEF		LHD2	0.01	0.01
tblVehicleEF		LHD2	0.14	0.14
tblVehicleEF		LHD2	0.86	0.99
tblVehicleEF		LHD2	2.81	3.10
tblVehicleEF		LHD2	9.49	9.64
tblVehicleEF		LHD2	507.97	516.33
tblVehicleEF		LHD2	21.01	21.44
tblVehicleEF		LHD2	5.5930e-003	5.5950e-003
tblVehicleEF		LHD2	0.13	0.13
tblVehicleEF		LHD2	2.45	2.71
tblVehicleEF		LHD2	0.83	0.86
tblVehicleEF		LHD2	1.4380e-003	1.4470e-003
tblVehicleEF		LHD2	0.07	0.07
tblVehicleEF		LHD2	0.01	0.01
tblVehicleEF		LHD2	0.02	0.02
tblVehicleEF		LHD2	5.2100e-004	6.3200e-004
tblVehicleEF		LHD2	1.3230e-003	1.3310e-003
tblVehicleEF		LHD2	0.03	0.03
tblVehicleEF		LHD2	2.6680e-003	2.6690e-003
tblVehicleEF		LHD2	0.01	0.01
tblVehicleEF		LHD2	4.5800e-004	5.5000e-004
tblVehicleEF		LHD2	1.1090e-003	1.2360e-003
tblVehicleEF		LHD2	0.04	0.04
tblVehicleEF		LHD2	0.02	0.02
tblVehicleEF		LHD2	3.9800e-004	4.2600e-004

tblVehicleEF	LHD2	0.08	0.09
tblVehicleEF	LHD2	0.26	0.28
tblVehicleEF	LHD2	0.25	0.28
tblVehicleEF	LHD2	5.1930e-003	5.1980e-003
tblVehicleEF	LHD2	2.7300e-004	2.7900e-004
tblVehicleEF	LHD2	1.1090e-003	1.2360e-003
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.9800e-004	4.2600e-004
tblVehicleEF	LHD2	0.09	0.10
tblVehicleEF	LHD2	0.26	0.28
tblVehicleEF	LHD2	0.27	0.30
tblVehicleEF	MCY	28.21	29.28
tblVehicleEF	MCY	9.55	9.53
tblVehicleEF	MCY	150.07	150.22
tblVehicleEF	MCY	41.75	43.15
tblVehicleEF	MCY	2.3740e-003	2.3930e-003
tblVehicleEF	MCY	1.24	1.25
tblVehicleEF	MCY	0.30	0.30
tblVehicleEF	MCY	4.4700e-004	5.1600e-004
tblVehicleEF	MCY	1.2100e-003	1.3910e-003
tblVehicleEF	MCY	3.6800e-004	4.2200e-004
tblVehicleEF	MCY	9.8500e-004	1.1200e-003
tblVehicleEF	MCY	2.15	2.17
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	1.36	1.38
tblVehicleEF	MCY	2.70	2.74
tblVehicleEF	MCY	1.45	1.54

tblVehicleEF	MCY	1.98	1.99
tblVehicleEF	MCY	2.1070e-003	2.1020e-003
tblVehicleEF	MCY	6.5200e-004	6.5900e-004
tblVehicleEF	MCY	2.15	2.17
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	1.36	1.38
tblVehicleEF	MCY	2.96	2.99
tblVehicleEF	MCY	1.45	1.54
tblVehicleEF	MCY	2.12	2.14
tblVehicleEF	MCY	31.32	32.54
tblVehicleEF	MCY	9.34	9.36
tblVehicleEF	MCY	150.07	150.22
tblVehicleEF	MCY	41.75	43.15
tblVehicleEF	MCY	2.3740e-003	2.3930e-003
tblVehicleEF	MCY	1.01	1.02
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	4.4700e-004	5.1600e-004
tblVehicleEF	MCY	1.2100e-003	1.3910e-003
tblVehicleEF	MCY	3.6800e-004	4.2200e-004
tblVehicleEF	MCY	9.8500e-004	1.1200e-003
tblVehicleEF	MCY	4.48	4.54
tblVehicleEF	MCY	1.17	1.19
tblVehicleEF	MCY	2.56	2.58
tblVehicleEF	MCY	2.74	2.77
tblVehicleEF	MCY	1.52	1.61
tblVehicleEF	MCY	1.89	1.91
tblVehicleEF	MCY	2.1570e-003	2.1550e-003
tblVehicleEF	MCY	6.4500e-004	6.5400e-004

tblVehicleEF	MCY	4.48	4.54
tblVehicleEF	MCY	1.17	1.19
tblVehicleEF	MCY	2.56	2.58
tblVehicleEF	MCY	2.99	3.03
tblVehicleEF	MCY	1.52	1.61
tblVehicleEF	MCY	2.03	2.05
tblVehicleEF	MCY	28.43	29.53
tblVehicleEF	MCY	10.93	10.85
tblVehicleEF	MCY	150.07	150.22
tblVehicleEF	MCY	41.75	43.15
tblVehicleEF	MCY	2.3740e-003	2.3930e-003
tblVehicleEF	MCY	1.32	1.33
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	4.4700e-004	5.1600e-004
tblVehicleEF	MCY	1.2100e-003	1.3910e-003
tblVehicleEF	MCY	3.6800e-004	4.2200e-004
tblVehicleEF	MCY	9.8500e-004	1.1200e-003
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	0.50	0.52
tblVehicleEF	MCY	0.26	0.27
tblVehicleEF	MCY	2.78	2.82
tblVehicleEF	MCY	1.63	1.72
tblVehicleEF	MCY	2.29	2.31
tblVehicleEF	MCY	2.1130e-003	2.1090e-003
tblVehicleEF	MCY	6.8300e-004	6.9000e-004
tblVehicleEF	MCY	0.94	0.95
tblVehicleEF	MCY	0.50	0.52
tblVehicleEF	MCY	0.26	0.27

tblVehicleEF	MCY	3.03	3.08
tblVehicleEF	MCY	1.63	1.72
tblVehicleEF	MCY	2.46	2.48
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	2.36	2.59
tblVehicleEF	MDV	5.75	6.27
tblVehicleEF	MDV	476.77	493.22
tblVehicleEF	MDV	109.52	112.99
tblVehicleEF	MDV	0.16	0.16
tblVehicleEF	MDV	0.37	0.42
tblVehicleEF	MDV	0.64	0.71
tblVehicleEF	MDV	1.6430e-003	1.6670e-003
tblVehicleEF	MDV	3.4800e-003	3.3970e-003
tblVehicleEF	MDV	1.5180e-003	1.5390e-003
tblVehicleEF	MDV	3.2210e-003	3.1410e-003
tblVehicleEF	MDV	0.17	0.18
tblVehicleEF	MDV	0.22	0.23
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.76	0.77
tblVehicleEF	MDV	0.42	0.47
tblVehicleEF	MDV	5.7100e-003	5.7090e-003
tblVehicleEF	MDV	1.3760e-003	1.3830e-003
tblVehicleEF	MDV	0.17	0.18
tblVehicleEF	MDV	0.22	0.23
tblVehicleEF	MDV	0.14	0.14
tblVehicleEF	MDV	0.09	0.10

tblVehicleEF	MDV	0.76	0.77
tblVehicleEF	MDV	0.45	0.50
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	2.69	2.95
tblVehicleEF	MDV	5.99	6.54
tblVehicleEF	MDV	488.78	505.60
tblVehicleEF	MDV	109.52	112.99
tblVehicleEF	MDV	0.16	0.16
tblVehicleEF	MDV	0.34	0.38
tblVehicleEF	MDV	0.65	0.72
tblVehicleEF	MDV	1.6430e-003	1.6670e-003
tblVehicleEF	MDV	3.4800e-003	3.3970e-003
tblVehicleEF	MDV	1.5180e-003	1.5390e-003
tblVehicleEF	MDV	3.2210e-003	3.1410e-003
tblVehicleEF	MDV	0.36	0.37
tblVehicleEF	MDV	0.29	0.30
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.80	0.81
tblVehicleEF	MDV	0.43	0.47
tblVehicleEF	MDV	5.8600e-003	5.8580e-003
tblVehicleEF	MDV	1.3800e-003	1.3870e-003
tblVehicleEF	MDV	0.36	0.37
tblVehicleEF	MDV	0.29	0.30
tblVehicleEF	MDV	0.22	0.22
tblVehicleEF	MDV	0.10	0.11
tblVehicleEF	MDV	0.80	0.81

tblVehicleEF	MDV	0.45	0.50
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.02	0.03
tblVehicleEF	MDV	2.05	2.25
tblVehicleEF	MDV	7.13	7.78
tblVehicleEF	MDV	450.37	465.99
tblVehicleEF	MDV	109.52	112.99
tblVehicleEF	MDV	0.16	0.16
tblVehicleEF	MDV	0.38	0.43
tblVehicleEF	MDV	0.69	0.76
tblVehicleEF	MDV	1.6430e-003	1.6670e-003
tblVehicleEF	MDV	3.4800e-003	3.3970e-003
tblVehicleEF	MDV	1.5180e-003	1.5390e-003
tblVehicleEF	MDV	3.2210e-003	3.1410e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.85	0.86
tblVehicleEF	MDV	0.50	0.56
tblVehicleEF	MDV	5.3890e-003	5.3880e-003
tblVehicleEF	MDV	1.4000e-003	1.4090e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.20	0.20
tblVehicleEF	MDV	0.04	0.04
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.85	0.86
tblVehicleEF	MDV	0.53	0.59

tblVehicleEF		MH		4.83	6.32
tblVehicleEF		MH		9.62	10.99
tblVehicleEF		MH		578.24	587.55
tblVehicleEF		MH		32.21	33.59
tblVehicleEF		MH		2.0580e-003	2.0540e-003
tblVehicleEF		MH		1.59	1.79
tblVehicleEF		MH		1.14	1.23
tblVehicleEF		MH		0.05	0.05
tblVehicleEF		MH		8.3990e-003	8.4010e-003
tblVehicleEF		MH		0.02	0.02
tblVehicleEF		MH		1.5000e-003	1.9550e-003
tblVehicleEF		MH		0.02	0.02
tblVehicleEF		MH		0.02	0.02
tblVehicleEF		MH		1.3270e-003	1.7030e-003
tblVehicleEF		MH		2.83	3.26
tblVehicleEF		MH		0.11	0.13
tblVehicleEF		MH		0.90	1.03
tblVehicleEF		MH		0.12	0.15
tblVehicleEF		MH		2.24	2.48
tblVehicleEF		MH		0.61	0.72
tblVehicleEF		MH		6.1080e-003	6.1340e-003
tblVehicleEF		MH		5.0900e-004	5.4300e-004
tblVehicleEF		MH		2.83	3.26
tblVehicleEF		MH		0.11	0.13
tblVehicleEF		MH		0.90	1.03
tblVehicleEF		MH		0.15	0.19
tblVehicleEF		MH		2.24	2.48
tblVehicleEF		MH		0.65	0.77

tblVehicleEF		MH		5.03	6.62
tblVehicleEF		MH		8.51	9.76
tblVehicleEF		MH		578.24	587.55
tblVehicleEF		MH		32.21	33.59
tblVehicleEF		MH		2.0580e-003	2.0540e-003
tblVehicleEF		MH		1.36	1.53
tblVehicleEF		MH		1.12	1.20
tblVehicleEF		MH		0.05	0.05
tblVehicleEF		MH		8.3990e-003	8.4010e-003
tblVehicleEF		MH		0.02	0.02
tblVehicleEF		MH		1.5000e-003	1.9550e-003
tblVehicleEF		MH		0.02	0.02
tblVehicleEF		MH		0.02	0.02
tblVehicleEF		MH		1.3270e-003	1.7030e-003
tblVehicleEF		MH		5.90	6.80
tblVehicleEF		MH		0.14	0.16
tblVehicleEF		MH		1.37	1.58
tblVehicleEF		MH		0.12	0.16
tblVehicleEF		MH		2.27	2.51
tblVehicleEF		MH		0.56	0.66
tblVehicleEF		MH		6.1120e-003	6.1390e-003
tblVehicleEF		MH		4.9000e-004	5.2200e-004
tblVehicleEF		MH		5.90	6.80
tblVehicleEF		MH		0.14	0.16
tblVehicleEF		MH		1.37	1.58
tblVehicleEF		MH		0.15	0.19
tblVehicleEF		MH		2.27	2.51
tblVehicleEF		MH		0.60	0.71

tblVehicleEF		MH	4.67	6.13
tblVehicleEF		MH	12.61	14.36
tblVehicleEF		MH	578.24	587.55
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tblVehicleEF		MH	2.0580e-003	2.0540e-003
tblVehicleEF		MH	1.66	1.87
tblVehicleEF		MH	1.20	1.29
tblVehicleEF		MH	0.05	0.05
tblVehicleEF		MH	8.3990e-003	8.4010e-003
tblVehicleEF		MH	0.02	0.02
tblVehicleEF		MH	1.5000e-003	1.9550e-003
tblVehicleEF		MH	0.02	0.02
tblVehicleEF		MH	0.02	0.02
tblVehicleEF		MH	1.3270e-003	1.7030e-003
tblVehicleEF		MH	1.41	1.62
tblVehicleEF		MH	0.11	0.13
tblVehicleEF		MH	0.36	0.41
tblVehicleEF		MH	0.12	0.15
tblVehicleEF		MH	2.32	2.57
tblVehicleEF		MH	0.74	0.88
tblVehicleEF		MH	6.1060e-003	6.1310e-003
tblVehicleEF		MH	5.6000e-004	6.0100e-004
tblVehicleEF		MH	1.41	1.62
tblVehicleEF		MH	0.11	0.13
tblVehicleEF		MH	0.36	0.41
tblVehicleEF		MH	0.14	0.18
tblVehicleEF		MH	2.32	2.57
tblVehicleEF		MH	0.80	0.94

tblVehicleEF	MHD	8.2170e-003	8.7450e-003
tblVehicleEF	MHD	3.4250e-003	3.9360e-003
tblVehicleEF	MHD	1.86	1.90
tblVehicleEF	MHD	1.42	1.74
tblVehicleEF	MHD	19.14	21.71
tblVehicleEF	MHD	593.73	599.36
tblVehicleEF	MHD	841.36	857.48
tblVehicleEF	MHD	58.04	61.87
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.60	6.98
tblVehicleEF	MHD	2.89	3.35
tblVehicleEF	MHD	2.12	2.29
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	3.4720e-003	4.5650e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	2.6740e-003	2.6780e-003
tblVehicleEF	MHD	0.08	0.09
tblVehicleEF	MHD	2.8940e-003	3.7500e-003
tblVehicleEF	MHD	8.1560e-003	9.7400e-003
tblVehicleEF	MHD	0.20	0.25
tblVehicleEF	MHD	0.18	0.19
tblVehicleEF	MHD	3.8230e-003	4.5030e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.87	1.03

tblVehicleEF	MHD	1.44	1.71
tblVehicleEF	MHD	5.9630e-003	5.9260e-003
tblVehicleEF	MHD	8.5480e-003	8.5790e-003
tblVehicleEF	MHD	9.5600e-004	1.0350e-003
tblVehicleEF	MHD	8.1560e-003	9.7400e-003
tblVehicleEF	MHD	0.20	0.25
tblVehicleEF	MHD	0.20	0.21
tblVehicleEF	MHD	3.8230e-003	4.5030e-003
tblVehicleEF	MHD	0.13	0.15
tblVehicleEF	MHD	0.87	1.03
tblVehicleEF	MHD	1.55	1.83
tblVehicleEF	MHD	7.7440e-003	8.2410e-003
tblVehicleEF	MHD	3.4250e-003	3.9360e-003
tblVehicleEF	MHD	1.35	1.38
tblVehicleEF	MHD	1.48	1.81
tblVehicleEF	MHD	17.63	20.20
tblVehicleEF	MHD	629.00	634.97
tblVehicleEF	MHD	841.36	857.48
tblVehicleEF	MHD	58.04	61.87
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.81	7.20
tblVehicleEF	MHD	2.59	3.01
tblVehicleEF	MHD	2.08	2.25
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	3.4720e-003	4.5650e-003

tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	2.6740e-003	2.6780e-003
tblVehicleEF	MHD	0.08	0.09
tblVehicleEF	MHD	2.8940e-003	3.7500e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.25	0.32
tblVehicleEF	MHD	0.17	0.18
tblVehicleEF	MHD	6.2270e-003	7.3600e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.90	1.07
tblVehicleEF	MHD	1.36	1.61
tblVehicleEF	MHD	6.3170e-003	6.2780e-003
tblVehicleEF	MHD	8.5480e-003	8.5800e-003
tblVehicleEF	MHD	9.3000e-004	1.0080e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.25	0.32
tblVehicleEF	MHD	0.19	0.20
tblVehicleEF	MHD	6.2270e-003	7.3600e-003
tblVehicleEF	MHD	0.13	0.15
tblVehicleEF	MHD	0.90	1.07
tblVehicleEF	MHD	1.46	1.73
tblVehicleEF	MHD	8.8710e-003	9.4400e-003
tblVehicleEF	MHD	3.4250e-003	3.9360e-003
tblVehicleEF	MHD	2.56	2.61
tblVehicleEF	MHD	1.40	1.72
tblVehicleEF	MHD	23.67	26.56
tblVehicleEF	MHD	545.01	550.19

tblVehicleEF	MHD	841.36	857.48
tblVehicleEF	MHD	58.04	61.87
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.31	6.67
tblVehicleEF	MHD	2.93	3.40
tblVehicleEF	MHD	2.23	2.41
tblVehicleEF	MHD	0.04	0.05
tblVehicleEF	MHD	0.10	0.10
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	3.4720e-003	4.5650e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	2.6740e-003	2.6780e-003
tblVehicleEF	MHD	0.08	0.09
tblVehicleEF	MHD	2.8940e-003	3.7500e-003
tblVehicleEF	MHD	3.5420e-003	4.2210e-003
tblVehicleEF	MHD	0.19	0.25
tblVehicleEF	MHD	0.19	0.20
tblVehicleEF	MHD	1.2300e-003	1.4290e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.91	1.07
tblVehicleEF	MHD	1.70	2.02
tblVehicleEF	MHD	5.4730e-003	5.4390e-003
tblVehicleEF	MHD	8.5470e-003	8.5790e-003
tblVehicleEF	MHD	1.0350e-003	1.1210e-003
tblVehicleEF	MHD	3.5420e-003	4.2210e-003
tblVehicleEF	MHD	0.19	0.25

tblVehicleEF	MHD	0.22	0.23
tblVehicleEF	MHD	1.2300e-003	1.4290e-003
tblVehicleEF	MHD	0.13	0.15
tblVehicleEF	MHD	0.91	1.07
tblVehicleEF	MHD	1.82	2.16
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	1.7570e-003	2.0040e-003
tblVehicleEF	OBUS	2.37	2.36
tblVehicleEF	OBUS	1.76	2.09
tblVehicleEF	OBUS	12.97	14.29
tblVehicleEF	OBUS	563.74	571.35
tblVehicleEF	OBUS	926.08	947.54
tblVehicleEF	OBUS	35.14	36.47
tblVehicleEF	OBUS	1.8600e-003	1.8690e-003
tblVehicleEF	OBUS	5.55	5.94
tblVehicleEF	OBUS	3.23	3.78
tblVehicleEF	OBUS	2.01	2.15
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.5890e-003	2.0050e-003
tblVehicleEF	OBUS	9.6700e-003	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5360e-003	2.5430e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.4430e-003	1.7870e-003
tblVehicleEF	OBUS	3.4490e-003	3.9110e-003

tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.40	0.41
tblVehicleEF	OBUS	1.2760e-003	1.4280e-003
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	0.66	0.73
tblVehicleEF	OBUS	0.93	1.05
tblVehicleEF	OBUS	5.6610e-003	5.6490e-003
tblVehicleEF	OBUS	9.4380e-003	9.5090e-003
tblVehicleEF	OBUS	6.0200e-004	6.3500e-004
tblVehicleEF	OBUS	3.4490e-003	3.9110e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.46	0.47
tblVehicleEF	OBUS	1.2760e-003	1.4280e-003
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	OBUS	0.66	0.73
tblVehicleEF	OBUS	1.00	1.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	1.7570e-003	2.0040e-003
tblVehicleEF	OBUS	1.72	1.72
tblVehicleEF	OBUS	1.79	2.12
tblVehicleEF	OBUS	11.62	12.86
tblVehicleEF	OBUS	597.23	605.30
tblVehicleEF	OBUS	926.08	947.54
tblVehicleEF	OBUS	35.14	36.47
tblVehicleEF	OBUS	1.8600e-003	1.8690e-003
tblVehicleEF	OBUS	5.73	6.13
tblVehicleEF	OBUS	2.89	3.39
tblVehicleEF	OBUS	1.97	2.11

tblVehicleEF	OBUS	8.8610e-003	0.02
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.5890e-003	2.0050e-003
tblVehicleEF	OBUS	8.1520e-003	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5360e-003	2.5430e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.4430e-003	1.7870e-003
tblVehicleEF	OBUS	7.1970e-003	8.1900e-003
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	0.38	0.39
tblVehicleEF	OBUS	1.9550e-003	2.1990e-003
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	0.67	0.75
tblVehicleEF	OBUS	0.88	0.99
tblVehicleEF	OBUS	5.9980e-003	5.9840e-003
tblVehicleEF	OBUS	9.4390e-003	9.5090e-003
tblVehicleEF	OBUS	5.7900e-004	6.1000e-004
tblVehicleEF	OBUS	7.1970e-003	8.1900e-003
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	0.43	0.44
tblVehicleEF	OBUS	1.9550e-003	2.1990e-003
tblVehicleEF	OBUS	0.13	0.16
tblVehicleEF	OBUS	0.67	0.75
tblVehicleEF	OBUS	0.94	1.05
tblVehicleEF	OBUS	0.02	0.02

tblVehicleEF	OBUS	1.7570e-003	2.0040e-003
tblVehicleEF	OBUS	3.26	3.26
tblVehicleEF	OBUS	1.72	2.04
tblVehicleEF	OBUS	16.54	18.14
tblVehicleEF	OBUS	517.49	524.48
tblVehicleEF	OBUS	926.08	947.54
tblVehicleEF	OBUS	35.14	36.47
tblVehicleEF	OBUS	1.8600e-003	1.8690e-003
tblVehicleEF	OBUS	5.30	5.67
tblVehicleEF	OBUS	3.29	3.85
tblVehicleEF	OBUS	2.11	2.26
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.06
tblVehicleEF	OBUS	1.5890e-003	2.0050e-003
tblVehicleEF	OBUS	0.01	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.5360e-003	2.5430e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.4430e-003	1.7870e-003
tblVehicleEF	OBUS	1.6380e-003	1.8600e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.44	0.45
tblVehicleEF	OBUS	4.7700e-004	5.2800e-004
tblVehicleEF	OBUS	0.11	0.13
tblVehicleEF	OBUS	0.68	0.76
tblVehicleEF	OBUS	1.09	1.22

tblVehicleEF	OBUS	5.1970e-003	5.1850e-003
tblVehicleEF	OBUS	9.4380e-003	9.5080e-003
tblVehicleEF	OBUS	6.6300e-004	7.0100e-004
tblVehicleEF	OBUS	1.6380e-003	1.8600e-003
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	0.50	0.51
tblVehicleEF	OBUS	4.7700e-004	5.2800e-004
tblVehicleEF	OBUS	0.13	0.15
tblVehicleEF	OBUS	0.68	0.76
tblVehicleEF	OBUS	1.16	1.31
tblVehicleEF	SBUS	5.4440e-003	5.4360e-003
tblVehicleEF	SBUS	4.8860e-003	4.8500e-003
tblVehicleEF	SBUS	1.07	1.06
tblVehicleEF	SBUS	21.12	25.20
tblVehicleEF	SBUS	42.56	47.50
tblVehicleEF	SBUS	562.55	570.82
tblVehicleEF	SBUS	949.40	967.22
tblVehicleEF	SBUS	137.71	144.59
tblVehicleEF	SBUS	6.7700e-004	6.8700e-004
tblVehicleEF	SBUS	8.05	8.09
tblVehicleEF	SBUS	6.11	6.32
tblVehicleEF	SBUS	2.23	2.33
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.36	0.37
tblVehicleEF	SBUS	9.8520e-003	9.8700e-003
tblVehicleEF	SBUS	0.06	0.06
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.02	0.02

tblVehicleEF	SBUS	0.16	0.16
tblVehicleEF	SBUS	2.4630e-003	2.4680e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.12	0.13
tblVehicleEF	SBUS	0.48	0.58
tblVehicleEF	SBUS	0.12	0.12
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.49	1.69
tblVehicleEF	SBUS	2.81	3.24
tblVehicleEF	SBUS	3.85	4.43
tblVehicleEF	SBUS	5.6490e-003	5.6430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.2370e-003	2.3820e-003
tblVehicleEF	SBUS	0.12	0.13
tblVehicleEF	SBUS	0.48	0.58
tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.60	1.82
tblVehicleEF	SBUS	2.81	3.24
tblVehicleEF	SBUS	4.13	4.76
tblVehicleEF	SBUS	5.1310e-003	5.1230e-003
tblVehicleEF	SBUS	4.8860e-003	4.8500e-003
tblVehicleEF	SBUS	0.78	0.77
tblVehicleEF	SBUS	22.86	27.38
tblVehicleEF	SBUS	40.04	44.98
tblVehicleEF	SBUS	595.97	604.73
tblVehicleEF	SBUS	949.40	967.22

tblVehicleEF	SBUS	137.71	144.59
tblVehicleEF	SBUS	6.7700e-004	6.8700e-004
tblVehicleEF	SBUS	8.31	8.35
tblVehicleEF	SBUS	5.41	5.59
tblVehicleEF	SBUS	2.13	2.22
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.36	0.37
tblVehicleEF	SBUS	9.8520e-003	9.8700e-003
tblVehicleEF	SBUS	0.06	0.06
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.16	0.16
tblVehicleEF	SBUS	2.4630e-003	2.4680e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.25	0.29
tblVehicleEF	SBUS	0.57	0.68
tblVehicleEF	SBUS	0.11	0.11
tblVehicleEF	SBUS	0.06	0.07
tblVehicleEF	SBUS	1.51	1.72
tblVehicleEF	SBUS	2.70	3.12
tblVehicleEF	SBUS	3.56	4.10
tblVehicleEF	SBUS	5.9850e-003	5.9790e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.1890e-003	2.3320e-003
tblVehicleEF	SBUS	0.25	0.29
tblVehicleEF	SBUS	0.57	0.68
tblVehicleEF	SBUS	0.13	0.13

tblVehicleEF	SBUS	0.06	0.07
tblVehicleEF	SBUS	1.63	1.85
tblVehicleEF	SBUS	2.70	3.12
tblVehicleEF	SBUS	3.82	4.40
tblVehicleEF	SBUS	5.8770e-003	5.8680e-003
tblVehicleEF	SBUS	4.8860e-003	4.8500e-003
tblVehicleEF	SBUS	1.47	1.46
tblVehicleEF	SBUS	21.42	25.67
tblVehicleEF	SBUS	50.99	56.44
tblVehicleEF	SBUS	516.39	523.99
tblVehicleEF	SBUS	949.40	967.22
tblVehicleEF	SBUS	137.71	144.59
tblVehicleEF	SBUS	6.7700e-004	6.8700e-004
tblVehicleEF	SBUS	7.69	7.73
tblVehicleEF	SBUS	6.26	6.48
tblVehicleEF	SBUS	2.43	2.54
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.36	0.37
tblVehicleEF	SBUS	9.8520e-003	9.8700e-003
tblVehicleEF	SBUS	0.06	0.06
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.16	0.16
tblVehicleEF	SBUS	2.4630e-003	2.4680e-003
tblVehicleEF	SBUS	0.05	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.05	0.06
tblVehicleEF	SBUS	0.48	0.58

tblVehicleEF	SBUS	0.13	0.13
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.50	1.72
tblVehicleEF	SBUS	3.23	3.73
tblVehicleEF	SBUS	4.64	5.36
tblVehicleEF	SBUS	5.1860e-003	5.1800e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.3950e-003	2.5520e-003
tblVehicleEF	SBUS	0.05	0.06
tblVehicleEF	SBUS	0.48	0.58
tblVehicleEF	SBUS	0.14	0.14
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	1.61	1.84
tblVehicleEF	SBUS	3.23	3.73
tblVehicleEF	SBUS	4.98	5.76
tblVehicleEF	UBUS	7.77	8.70
tblVehicleEF	UBUS	32.97	35.88
tblVehicleEF	UBUS	991.41	1,011.14
tblVehicleEF	UBUS	121.37	123.29
tblVehicleEF	UBUS	1.5100e-004	1.5200e-004
tblVehicleEF	UBUS	5.82	6.23
tblVehicleEF	UBUS	6.17	6.59
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0030e-003	1.0840e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	9.3000e-004	1.0060e-003
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.37	0.41

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.57	0.64
tblVehicleEF	UBUS	2.18	2.31
tblVehicleEF	UBUS	3.17	3.36
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	1.8930e-003	1.9450e-003
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	0.37	0.41
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.64	0.71
tblVehicleEF	UBUS	2.18	2.31
tblVehicleEF	UBUS	3.38	3.59
tblVehicleEF	UBUS	7.88	8.82
tblVehicleEF	UBUS	30.01	32.66
tblVehicleEF	UBUS	991.41	1,011.14
tblVehicleEF	UBUS	121.37	123.29
tblVehicleEF	UBUS	1.5100e-004	1.5200e-004
tblVehicleEF	UBUS	5.07	5.42
tblVehicleEF	UBUS	6.01	6.42
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0030e-003	1.0840e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	9.3000e-004	1.0060e-003
tblVehicleEF	UBUS	0.07	0.08
tblVehicleEF	UBUS	0.46	0.51
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	0.58	0.65
tblVehicleEF	UBUS	2.23	2.36

tblVehicleEF	UBUS	3.00	3.18
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	1.8410e-003	1.8890e-003
tblVehicleEF	UBUS	0.07	0.08
tblVehicleEF	UBUS	0.46	0.51
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	0.64	0.72
tblVehicleEF	UBUS	2.23	2.36
tblVehicleEF	UBUS	3.20	3.40
tblVehicleEF	UBUS	7.58	8.48
tblVehicleEF	UBUS	39.84	43.36
tblVehicleEF	UBUS	991.41	1,011.14
tblVehicleEF	UBUS	121.37	123.29
tblVehicleEF	UBUS	1.5100e-004	1.5200e-004
tblVehicleEF	UBUS	5.98	6.41
tblVehicleEF	UBUS	6.53	6.98
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.0030e-003	1.0840e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	9.3000e-004	1.0060e-003
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.37	0.40
tblVehicleEF	UBUS	6.5610e-003	7.0430e-003
tblVehicleEF	UBUS	0.56	0.62
tblVehicleEF	UBUS	2.44	2.58
tblVehicleEF	UBUS	3.55	3.76
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	2.0130e-003	2.0750e-003

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.37	0.40
tblVehicleEF	UBUS	6.5610e-003	7.0430e-003
tblVehicleEF	UBUS	0.62	0.69
tblVehicleEF	UBUS	2.44	2.58
tblVehicleEF	UBUS	3.79	4.01
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	WD_TR	6.97	0.00

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					
2016	2.9337	31.3707	17.0270	0.0493	29.4930	1.3819	30.8749	2.9680	1.3160	4.2840	0.0000	4,876.6421	4,876.6421	0.8758	0.0000	4,895.0344
Total	2.9337	31.3707	17.0270	0.0493	29.4930	1.3819	30.8749	2.9680	1.3160	4.2840	0.0000	4,876.6421	4,876.6421	0.8758	0.0000	4,895.0344

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	2.9337	31.3707	17.0270	0.0493	23.3334	1.3819	24.7153	2.3503	1.3160	3.6663	0.0000	4,876.6421	4,876.6421	0.8758	0.0000	4,895.0344
Total	2.9337	31.3707	17.0270	0.0493	23.3334	1.3819	24.7153	2.3503	1.3160	3.6663	0.0000	4,876.6421	4,876.6421	0.8758	0.0000	4,895.0344

	ROG	NOx	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	20.88	0.00	19.95	20.81	0.00	14.42	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	Plowed conduit installation	Trenching	1/12/2016	1/20/2016	5	7	
2	Bored installation	Trenching	1/21/2016	3/4/2016	5	32	
3	Node installation	Trenching	3/7/2016	3/11/2016	5	5	

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
Plowed conduit installation	Air Compressors	2	4.00	174	0.41
Plowed conduit installation	Crawler Tractors	2	8.00	97	0.37
Bored installation	Air Compressors	2	4.00	78	0.48
Bored installation	Bore/Drill Rigs	2	8.00	205	0.50
Bored installation	Pumps	2	8.00	208	0.43
Bored installation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Node installation	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Plowed conduit installation	4	10.00	8.00	0.00	7.30	8.90	20.00	LD_Mix	HDT_Mix	HHDT
Bored installation	8	20.00	6.00	0.00	7.30	8.90	20.00	LD_Mix	HDT_Mix	HHDT
Node installation	1	6.00	6.00	0.00	7.30	8.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Plowed conduit installation - 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	1.7572	14.3981	9.3389	0.0138		1.0592	1.0592		0.9966	0.9966		1,362.3028	1,362.3028	0.2544		1,367.6446
Total	**1.7572**	**14.3981**	**9.3389**	**0.0138**		**1.0592**	**1.0592**		**0.9966**	**0.9966**		**1,362.3028**	**1,362.3028**	**0.2544**		**1,367.6446**

3.2 Plowed conduit installation - 2016

Unmitigated Construction Off-Site

		ROG	NOx	CO	SO2	Fugitive 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		0.1050	0.8240	1.3447	2.0100e-003	10.5380	0.0174	10.5554	1.0624	0.0160	1.0784		200.7353	200.7353	1.2400e-003		200.7613
Worker		0.0515	0.0673	0.5589	6.0000e-004	10.7948	4.3000e-004	10.7952	1.0856	3.9000e-004	1.0860		47.5297	47.5297	4.4500e-003		47.6232
Total		**0.1565**	**0.8913**	**1.9035**	**2.6100e-003**	**21.3327**	**0.0179**	**21.3506**	**2.1480**	**0.0164**	**2.1644**		**248.2649**	**248.2649**	**5.6900e-003**		**248.3844**

Mitigated Construction On-Site

		ROG	NOx	CO	SO2	Fugitive 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		1.7572	14.3981	9.3389	0.0138		1.0592	1.0592		0.9966	0.9966	0.0000	1,362.3028	1,362.3028	0.2544		1,367.6446
Total		**1.7572**	**14.3981**	**9.3389**	**0.0138**		**1.0592**	**1.0592**		**0.9966**	**0.9966**	**0.0000**	**1,362.3028**	**1,362.3028**	**0.2544**		**1,367.6446**

3.2 Plowed conduit installation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive 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	0.1050	0.8240	1.3447	2.0100e-003	8.3385	0.0174	8.3560	0.8419	0.0160	0.8579		200.7353	200.7353	1.2400e-003		200.7613
Worker	0.0515	0.0673	0.5589	6.0000e-004	8.5398	4.3000e-004	8.5402	0.8595	3.9000e-004	0.8599		47.5297	47.5297	4.4500e-003		47.6232
Total	**0.1565**	**0.8913**	**1.9035**	**2.6100e-003**	**16.8783**	**0.0179**	**16.8961**	**1.7013**	**0.0164**	**1.7177**		**248.2649**	**248.2649**	**5.6900e-003**		**248.3844**

3.3 Bored installation - 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	2.7520	30.6181	14.9008	0.0466		1.3680	1.3680		1.3032	1.3032		4,631.0313	4,631.0313	0.8660		4,649.2172
Total	**2.7520**	**30.6181**	**14.9008**	**0.0466**		**1.3680**	**1.3680**		**1.3032**	**1.3032**		**4,631.0313**	**4,631.0313**	**0.8660**		**4,649.2172**

3.3 Bored installation - 2016

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive 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	0.0787	0.6180	1.0085	1.5100e-003	7.9035	0.0131	7.9165	0.7968	0.0120	0.8088		150.5515	150.5515	9.3000e-004		150.5709
Worker	0.1030	0.1347	1.1177	1.1900e-003	21.5896	8.6000e-004	21.5904	2.1712	7.8000e-004	2.1720		95.0594	95.0594	8.9000e-003		95.2463
Total	**0.1818**	**0.7526**	**2.1262**	**2.7000e-003**	**29.4930**	**0.0139**	**29.5070**	**2.9680**	**0.0128**	**2.9808**		**245.6108**	**245.6108**	**9.8300e-003**		**245.8173**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive 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	2.7520	30.6181	14.9008	0.0466		1.3680	1.3680		1.3032	1.3032	0.0000	4,631.0313	4,631.0313	0.8660		4,649.2172
Total	**2.7520**	**30.6181**	**14.9008**	**0.0466**		**1.3680**	**1.3680**		**1.3032**	**1.3032**	**0.0000**	**4,631.0313**	**4,631.0313**	**0.8660**		**4,649.2172**

3.3 Bored installation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive 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	0.0787	0.6180	1.0085	1.5100e-003	6.2539	0.0131	6.2670	0.6314	0.0120	0.6434		150.5515	150.5515	9.3000e-004		150.5709
Worker	0.1030	0.1347	1.1177	1.1900e-003	17.0795	8.6000e-004	17.0804	1.7189	7.8000e-004	1.7197		95.0594	95.0594	8.9000e-003		95.2463
Total	**0.1818**	**0.7526**	**2.1262**	**2.7000e-003**	**23.3334**	**0.0139**	**23.3473**	**2.3503**	**0.0128**	**2.3631**		**245.6108**	**245.6108**	**9.8300e-003**		**245.8173**

3.4 Node installation - 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	0.3406	3.2551	2.4126	3.1100e-003		0.2506	0.2506		0.2306	0.2306		323.6773	323.6773	0.0976		325.7276
Total	**0.3406**	**3.2551**	**2.4126**	**3.1100e-003**		**0.2506**	**0.2506**		**0.2306**	**0.2306**		**323.6773**	**323.6773**	**0.0976**		**325.7276**

3.4 Node installation - 2016

Unmitigated Construction Off-Site

		ROG	NOx	CO	SO2	Fugitive 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		0.0787	0.6180	1.0085	1.5100e-003	7.9035	0.0131	7.9165	0.7968	0.0120	0.8088		150.5515	150.5515	9.3000e-004		150.5709
Worker		0.0309	0.0404	0.3353	3.6000e-004	6.4769	2.6000e-004	6.4771	0.6514	2.4000e-004	0.6516		28.5178	28.5178	2.6700e-003		28.5739
Total		**0.1096**	**0.6584**	**1.3438**	**1.8700e-003**	**14.3803**	**0.0133**	**14.3937**	**1.4482**	**0.0123**	**1.4604**		**179.0693**	**179.0693**	**3.6000e-003**		**179.1448**

Mitigated Construction On-Site

		ROG	NOx	CO	SO2	Fugitive 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		0.3406	3.2551	2.4126	3.1100e-003		0.2506	0.2506		0.2306	0.2306	0.0000	323.6773	323.6773	0.0976		325.7276
Total		**0.3406**	**3.2551**	**2.4126**	**3.1100e-003**		**0.2506**	**0.2506**		**0.2306**	**0.2306**	**0.0000**	**323.6773**	**323.6773**	**0.0976**		**325.7276**

3.4 Node installation - 2016

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive 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	0.0787	0.6180	1.0085	1.5100e-003	6.2539	0.0131	6.2670	0.6314	0.0120	0.6434		150.5515	150.5515	9.3000e-004		150.5709
Worker	0.0309	0.0404	0.3353	3.6000e-004	5.1239	2.6000e-004	5.1241	0.5157	2.4000e-004	0.5159		28.5178	28.5178	2.6700e-003		28.5739
Total	**0.1096**	**0.6584**	**1.3438**	**1.8700e-003**	**11.3778**	**0.0133**	**11.3911**	**1.1471**	**0.0123**	**1.1593**		**179.0693**	**179.0693**	**3.6000e-003**		**179.1448**

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	16.40	9.50	11.90	59.00	28.00	13.00	92	5	3

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.452463	0.070907	0.165532	0.163183	0.043777	0.005595	0.012812	0.078576	0.001869	0.000152	0.002393	0.000687	0.002054

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**

6.2 Area by SubCategory

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

10.0 Vegetation