



11.7 Air Quality/Greenhouse Gas Emissions/Energy Data

Doheny Village Zoning District Update - Existing Operational 2045 - South Coast AQMD Air District, Annual

Doheny Village Zoning District Update - Existing Operational 2045
South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.19	1000sqft	1.31	57,187.00	0
Place of Worship	46.69	1000sqft	1.07	46,690.00	0
General Light Industry	137.73	1000sqft	3.16	137,729.00	0
Racquet Club	101.30	1000sqft	2.33	101,300.00	0
Apartments Low Rise	273.00	Dwelling Unit	17.06	273,000.00	781
Mobile Home Park	160.00	Dwelling Unit	20.16	192,000.00	458
Single Family Housing	13.00	Dwelling Unit	4.22	23,400.00	37
Regional Shopping Center	172.50	1000sqft	3.96	172,501.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	8			Operational Year	2045
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - No construction - only operational emissions. SB100 - 100% renewable by 2045.

Land Use - Existing Development

Construction Phase - Operational Emissions only.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Trips and VMT - No construction.

Grading -

Architectural Coating - operational emissions only.

Vehicle Trips - Traffic Study Table 5-2, existing uses = 12,656 trips daily & 13,381 on Saturdays. All trips were put on a single land use.

Vehicle Emission Factors - EMFAC2017 Orange County 2045

Vehicle Emission Factors - EMFAC2017 Orange County 2045

Vehicle Emission Factors - EMFAC2017 Orange County 2045

Energy Use -

Waste Mitigation - AB 341

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	257,704.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	773,111.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	329,670.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	989,010.00	0.00
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tblConstructionPhase	NumDays	1,110.00	0.00
tblConstructionPhase	NumDays	70.00	0.00
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	75.00	0.00
tblConstructionPhase	NumDays	40.00	0.00
tblLandUse	LandUseSquareFeet	57,190.00	57,187.00
tblLandUse	LandUseSquareFeet	137,730.00	137,729.00
tblLandUse	LandUseSquareFeet	172,500.00	172,501.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	VendorTripNumber	132.00	0.00
tblTripsAndVMT	WorkerTripNumber	510.00	0.00
tblTripsAndVMT	WorkerTripNumber	102.00	0.00
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tblVehicleEF	HHD	23.50	5.08
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tblVehicleEF	HHD	19.76	2.49
tblVehicleEF	HHD	0.02	1.8810e-003
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tblVehicleEF	LDA	0.09	0.10
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tblVehicleEF	LDA	0.12	0.03
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tblVehicleEF	LDT1	0.20	0.12
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tblVehicleEF	LDT1	0.35	0.05
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tblVehicleEF	LDT2	0.11	0.08
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tblVehicleEF	LDT2	0.03	3.8700e-003
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tblVehicleEF	LDT2	2.1290e-003	6.1600e-004
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tblVehicleEF	LDT2	0.13	0.04
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tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	4.1620e-003	2.2040e-003
tblVehicleEF	LDT2	8.6000e-004	4.2400e-004
tblVehicleEF	LDT2	0.09	0.04
tblVehicleEF	LDT2	0.13	0.04
tblVehicleEF	LDT2	0.08	0.05
tblVehicleEF	LDT2	0.03	4.0810e-003
tblVehicleEF	LDT2	0.06	0.15
tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	7.5270e-003	8.6600e-004
tblVehicleEF	LDT2	8.3890e-003	0.02
tblVehicleEF	LDT2	0.88	0.43
tblVehicleEF	LDT2	1.71	1.73
tblVehicleEF	LDT2	388.14	213.55
tblVehicleEF	LDT2	83.55	43.35
tblVehicleEF	LDT2	0.09	0.02
tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	1.9980e-003	5.9500e-004
tblVehicleEF	LDT2	2.3150e-003	6.7000e-004

tblVehicleEF	LDT2	1.8380e-003	5.4900e-004
tblVehicleEF	LDT2	2.1290e-003	6.1600e-004
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.13	0.04
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.02	2.6410e-003
tblVehicleEF	LDT2	0.08	0.20
tblVehicleEF	LDT2	0.11	0.09
tblVehicleEF	LDT2	3.8890e-003	2.1120e-003
tblVehicleEF	LDT2	8.6500e-004	4.2900e-004
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.13	0.04
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.03	3.7990e-003
tblVehicleEF	LDT2	0.08	0.20
tblVehicleEF	LDT2	0.12	0.09
tblVehicleEF	LHD1	6.1690e-003	3.1040e-003
tblVehicleEF	LHD1	0.01	1.4400e-003
tblVehicleEF	LHD1	0.02	4.7090e-003
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.01	0.15
tblVehicleEF	LHD1	3.02	0.67
tblVehicleEF	LHD1	8.99	7.51
tblVehicleEF	LHD1	619.19	498.64
tblVehicleEF	LHD1	34.59	7.75
tblVehicleEF	LHD1	0.07	0.04
tblVehicleEF	LHD1	1.42	0.08
tblVehicleEF	LHD1	1.10	0.15
tblVehicleEF	LHD1	8.3800e-004	1.0980e-003
tblVehicleEF	LHD1	9.9390e-003	0.01

tblVehicleEF	LHD1	0.01	3.4640e-003
tblVehicleEF	LHD1	1.1010e-003	1.6300e-004
tblVehicleEF	LHD1	8.0200e-004	1.0510e-003
tblVehicleEF	LHD1	2.4850e-003	2.5370e-003
tblVehicleEF	LHD1	0.01	3.2940e-003
tblVehicleEF	LHD1	1.0140e-003	1.5000e-004
tblVehicleEF	LHD1	3.4450e-003	9.1700e-004
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.9730e-003	7.4900e-004
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.32	0.13
tblVehicleEF	LHD1	0.31	0.02
tblVehicleEF	LHD1	9.1000e-005	7.2000e-005
tblVehicleEF	LHD1	6.0900e-003	4.8450e-003
tblVehicleEF	LHD1	4.0300e-004	7.7000e-005
tblVehicleEF	LHD1	3.4450e-003	9.1700e-004
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	1.9730e-003	7.4900e-004
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.32	0.13
tblVehicleEF	LHD1	0.34	0.02
tblVehicleEF	LHD1	6.1690e-003	3.1100e-003
tblVehicleEF	LHD1	0.01	1.4510e-003
tblVehicleEF	LHD1	0.02	4.5620e-003
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.03	0.15
tblVehicleEF	LHD1	2.88	0.64
tblVehicleEF	LHD1	8.99	7.51

tblVehicleEF	LHD1	619.19	498.65
tblVehicleEF	LHD1	34.59	7.70
tblVehicleEF	LHD1	0.07	0.04
tblVehicleEF	LHD1	1.33	0.08
tblVehicleEF	LHD1	1.05	0.14
tblVehicleEF	LHD1	8.3800e-004	1.0980e-003
tblVehicleEF	LHD1	9.9390e-003	0.01
tblVehicleEF	LHD1	0.01	3.4640e-003
tblVehicleEF	LHD1	1.1010e-003	1.6300e-004
tblVehicleEF	LHD1	8.0200e-004	1.0510e-003
tblVehicleEF	LHD1	2.4850e-003	2.5370e-003
tblVehicleEF	LHD1	0.01	3.2940e-003
tblVehicleEF	LHD1	1.0140e-003	1.5000e-004
tblVehicleEF	LHD1	5.3890e-003	1.2910e-003
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	2.9990e-003	9.9700e-004
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.31	0.13
tblVehicleEF	LHD1	0.29	0.02
tblVehicleEF	LHD1	9.1000e-005	7.2000e-005
tblVehicleEF	LHD1	6.0900e-003	4.8450e-003
tblVehicleEF	LHD1	4.0000e-004	7.6000e-005
tblVehicleEF	LHD1	5.3890e-003	1.2910e-003
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.9990e-003	9.9700e-004
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	0.31	0.13
tblVehicleEF	LHD1	0.32	0.02

tblVehicleEF	LHD1	6.1690e-003	3.1030e-003
tblVehicleEF	LHD1	0.01	1.4380e-003
tblVehicleEF	LHD1	0.02	4.7390e-003
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.01	0.15
tblVehicleEF	LHD1	3.03	0.67
tblVehicleEF	LHD1	8.99	7.51
tblVehicleEF	LHD1	619.19	498.64
tblVehicleEF	LHD1	34.59	7.75
tblVehicleEF	LHD1	0.07	0.04
tblVehicleEF	LHD1	1.39	0.08
tblVehicleEF	LHD1	1.11	0.15
tblVehicleEF	LHD1	8.3800e-004	1.0980e-003
tblVehicleEF	LHD1	9.9390e-003	0.01
tblVehicleEF	LHD1	0.01	3.4640e-003
tblVehicleEF	LHD1	1.1010e-003	1.6300e-004
tblVehicleEF	LHD1	8.0200e-004	1.0510e-003
tblVehicleEF	LHD1	2.4850e-003	2.5370e-003
tblVehicleEF	LHD1	0.01	3.2940e-003
tblVehicleEF	LHD1	1.0140e-003	1.5000e-004
tblVehicleEF	LHD1	3.5410e-003	8.5300e-004
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tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.9440e-003	7.3100e-004
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.34	0.15
tblVehicleEF	LHD1	0.31	0.02
tblVehicleEF	LHD1	9.1000e-005	7.2000e-005
tblVehicleEF	LHD1	6.0900e-003	4.8450e-003
tblVehicleEF	LHD1	4.0300e-004	7.7000e-005

tblVehicleEF	LHD1	3.5410e-003	8.5300e-004
tblVehicleEF	LHD1	0.12	0.03
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	1.9440e-003	7.3100e-004
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.34	0.15
tblVehicleEF	LHD1	0.34	0.02
tblVehicleEF	LHD2	4.5150e-003	2.0890e-003
tblVehicleEF	LHD2	5.5780e-003	1.6080e-003
tblVehicleEF	LHD2	0.01	2.8370e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.46	0.17
tblVehicleEF	LHD2	1.57	0.42
tblVehicleEF	LHD2	13.71	11.77
tblVehicleEF	LHD2	630.24	505.82
tblVehicleEF	LHD2	29.03	5.53
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.08	0.11
tblVehicleEF	LHD2	0.65	0.09
tblVehicleEF	LHD2	1.2060e-003	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.4130e-003
tblVehicleEF	LHD2	5.2400e-004	1.0100e-004
tblVehicleEF	LHD2	1.1530e-003	1.4420e-003
tblVehicleEF	LHD2	2.6390e-003	2.7200e-003
tblVehicleEF	LHD2	0.01	8.9940e-003
tblVehicleEF	LHD2	4.8200e-004	9.3000e-005
tblVehicleEF	LHD2	1.4360e-003	5.9500e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.01

tblVehicleEF	LHD2	8.6600e-004	4.8700e-004
tblVehicleEF	LHD2	0.05	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.15	0.01
tblVehicleEF	LHD2	1.3400e-004	1.1200e-004
tblVehicleEF	LHD2	6.1460e-003	4.8730e-003
tblVehicleEF	LHD2	3.1900e-004	5.5000e-005
tblVehicleEF	LHD2	1.4360e-003	5.9500e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.6600e-004	4.8700e-004
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.16	0.01
tblVehicleEF	LHD2	4.5150e-003	2.0930e-003
tblVehicleEF	LHD2	5.6580e-003	1.6140e-003
tblVehicleEF	LHD2	0.01	2.7490e-003
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tblVehicleEF	LHD2	0.47	0.17
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tblVehicleEF	LHD2	13.71	11.77
tblVehicleEF	LHD2	630.24	505.82
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tblVehicleEF	LHD2	1.2060e-003	1.5070e-003
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tblVehicleEF	LHD2	0.01	9.4130e-003
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tblVehicleEF	LHD2	1.1530e-003	1.4420e-003
tblVehicleEF	LHD2	2.6390e-003	2.7200e-003
tblVehicleEF	LHD2	0.01	8.9940e-003
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tblVehicleEF	LHD2	2.2360e-003	8.3700e-004
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tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.3010e-003	6.4700e-004
tblVehicleEF	LHD2	0.05	0.03
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.14	0.01
tblVehicleEF	LHD2	1.3400e-004	1.1200e-004
tblVehicleEF	LHD2	6.1470e-003	4.8730e-003
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tblVehicleEF	LHD2	2.2360e-003	8.3700e-004
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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.3010e-003	6.4700e-004
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.16	0.01
tblVehicleEF	LHD2	4.5150e-003	2.0880e-003
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tblVehicleEF	LHD2	630.24	505.82
tblVehicleEF	LHD2	29.03	5.53

tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.06	0.11
tblVehicleEF	LHD2	0.65	0.09
tblVehicleEF	LHD2	1.2060e-003	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.4130e-003
tblVehicleEF	LHD2	5.2400e-004	1.0100e-004
tblVehicleEF	LHD2	1.1530e-003	1.4420e-003
tblVehicleEF	LHD2	2.6390e-003	2.7200e-003
tblVehicleEF	LHD2	0.01	8.9940e-003
tblVehicleEF	LHD2	4.8200e-004	9.3000e-005
tblVehicleEF	LHD2	1.4330e-003	5.5200e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	8.3800e-004	4.7500e-004
tblVehicleEF	LHD2	0.05	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.15	0.01
tblVehicleEF	LHD2	1.3400e-004	1.1200e-004
tblVehicleEF	LHD2	6.1460e-003	4.8730e-003
tblVehicleEF	LHD2	3.2000e-004	5.5000e-005
tblVehicleEF	LHD2	1.4330e-003	5.5200e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.3800e-004	4.7500e-004
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.16	0.01
tblVehicleEF	MCY	0.50	0.34
tblVehicleEF	MCY	0.15	0.22

tblVehicleEF	MCY	19.39	16.84
tblVehicleEF	MCY	9.61	8.73
tblVehicleEF	MCY	181.38	214.11
tblVehicleEF	MCY	45.65	56.50
tblVehicleEF	MCY	1.13	1.11
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.1550e-003	2.4740e-003
tblVehicleEF	MCY	3.9350e-003	2.9710e-003
tblVehicleEF	MCY	2.0160e-003	2.3070e-003
tblVehicleEF	MCY	3.7130e-003	2.7710e-003
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.70	0.67
tblVehicleEF	MCY	0.71	0.71
tblVehicleEF	MCY	2.50	2.27
tblVehicleEF	MCY	0.64	1.20
tblVehicleEF	MCY	2.08	1.72
tblVehicleEF	MCY	2.2050e-003	2.1190e-003
tblVehicleEF	MCY	6.7500e-004	5.5900e-004
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.70	0.67
tblVehicleEF	MCY	0.71	0.71
tblVehicleEF	MCY	3.09	2.85
tblVehicleEF	MCY	0.64	1.20
tblVehicleEF	MCY	2.26	1.87
tblVehicleEF	MCY	0.49	0.33
tblVehicleEF	MCY	0.14	0.20
tblVehicleEF	MCY	18.88	16.30
tblVehicleEF	MCY	8.86	7.93
tblVehicleEF	MCY	181.38	213.11
tblVehicleEF	MCY	45.65	54.69

tblVehicleEF	MCY	0.99	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.1550e-003	2.4740e-003
tblVehicleEF	MCY	3.9350e-003	2.9710e-003
tblVehicleEF	MCY	2.0160e-003	2.3070e-003
tblVehicleEF	MCY	3.7130e-003	2.7710e-003
tblVehicleEF	MCY	1.99	1.81
tblVehicleEF	MCY	0.81	0.73
tblVehicleEF	MCY	1.26	1.10
tblVehicleEF	MCY	2.44	2.23
tblVehicleEF	MCY	0.61	1.10
tblVehicleEF	MCY	1.85	1.55
tblVehicleEF	MCY	2.1950e-003	2.1090e-003
tblVehicleEF	MCY	6.5600e-004	5.4100e-004
tblVehicleEF	MCY	1.99	1.81
tblVehicleEF	MCY	0.81	0.73
tblVehicleEF	MCY	1.26	1.10
tblVehicleEF	MCY	3.02	2.80
tblVehicleEF	MCY	0.61	1.10
tblVehicleEF	MCY	2.01	1.69
tblVehicleEF	MCY	0.50	0.34
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	19.41	16.92
tblVehicleEF	MCY	9.70	8.87
tblVehicleEF	MCY	181.38	214.26
tblVehicleEF	MCY	45.65	56.83
tblVehicleEF	MCY	1.11	1.08
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.1550e-003	2.4740e-003
tblVehicleEF	MCY	3.9350e-003	2.9710e-003

tblVehicleEF	MCY	2.0160e-003	2.3070e-003
tblVehicleEF	MCY	3.7130e-003	2.7710e-003
tblVehicleEF	MCY	1.27	1.33
tblVehicleEF	MCY	0.90	0.84
tblVehicleEF	MCY	0.68	0.73
tblVehicleEF	MCY	2.51	2.28
tblVehicleEF	MCY	0.73	1.43
tblVehicleEF	MCY	2.11	1.75
tblVehicleEF	MCY	2.2060e-003	2.1200e-003
tblVehicleEF	MCY	6.7700e-004	5.6200e-004
tblVehicleEF	MCY	1.27	1.33
tblVehicleEF	MCY	0.90	0.84
tblVehicleEF	MCY	0.68	0.73
tblVehicleEF	MCY	3.10	2.86
tblVehicleEF	MCY	0.73	1.43
tblVehicleEF	MCY	2.30	1.91
tblVehicleEF	MDV	0.02	9.3700e-004
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.65	0.45
tblVehicleEF	MDV	3.14	1.66
tblVehicleEF	MDV	529.43	261.84
tblVehicleEF	MDV	110.47	51.22
tblVehicleEF	MDV	0.18	0.02
tblVehicleEF	MDV	0.29	0.12
tblVehicleEF	MDV	2.2250e-003	5.8400e-004
tblVehicleEF	MDV	2.5590e-003	6.7600e-004
tblVehicleEF	MDV	2.0540e-003	5.3800e-004
tblVehicleEF	MDV	2.3560e-003	6.2200e-004
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.18	0.06

tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.05	2.9720e-003
tblVehicleEF	MDV	0.10	0.18
tblVehicleEF	MDV	0.25	0.09
tblVehicleEF	MDV	5.3090e-003	2.5870e-003
tblVehicleEF	MDV	1.1600e-003	5.0700e-004
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.18	0.06
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.06	4.2740e-003
tblVehicleEF	MDV	0.10	0.18
tblVehicleEF	MDV	0.27	0.10
tblVehicleEF	MDV	0.02	9.9900e-004
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.82	0.49
tblVehicleEF	MDV	2.71	1.44
tblVehicleEF	MDV	556.55	268.47
tblVehicleEF	MDV	110.47	50.84
tblVehicleEF	MDV	0.16	0.02
tblVehicleEF	MDV	0.28	0.11
tblVehicleEF	MDV	2.2250e-003	5.8400e-004
tblVehicleEF	MDV	2.5590e-003	6.7600e-004
tblVehicleEF	MDV	2.0540e-003	5.3800e-004
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tblVehicleEF	MDV	0.13	0.07
tblVehicleEF	MDV	0.19	0.06
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.05	3.1310e-003
tblVehicleEF	MDV	0.09	0.16
tblVehicleEF	MDV	0.22	0.08

tblVehicleEF	MDV	5.5820e-003	2.6530e-003
tblVehicleEF	MDV	1.1520e-003	5.0300e-004
tblVehicleEF	MDV	0.13	0.07
tblVehicleEF	MDV	0.19	0.06
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.07	4.5060e-003
tblVehicleEF	MDV	0.09	0.16
tblVehicleEF	MDV	0.24	0.09
tblVehicleEF	MDV	0.01	9.1800e-004
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.60	0.43
tblVehicleEF	MDV	3.23	1.71
tblVehicleEF	MDV	520.55	259.39
tblVehicleEF	MDV	110.47	51.31
tblVehicleEF	MDV	0.18	0.02
tblVehicleEF	MDV	0.30	0.12
tblVehicleEF	MDV	2.2250e-003	5.8400e-004
tblVehicleEF	MDV	2.5590e-003	6.7600e-004
tblVehicleEF	MDV	2.0540e-003	5.3800e-004
tblVehicleEF	MDV	2.3560e-003	6.2200e-004
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.19	0.07
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.05	2.9190e-003
tblVehicleEF	MDV	0.11	0.21
tblVehicleEF	MDV	0.25	0.09
tblVehicleEF	MDV	5.2190e-003	2.5630e-003
tblVehicleEF	MDV	1.1620e-003	5.0800e-004
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.19	0.07

tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.06	4.1970e-003
tblVehicleEF	MDV	0.11	0.21
tblVehicleEF	MDV	0.28	0.10
tblVehicleEF	MH	0.04	2.8690e-003
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.22	0.15
tblVehicleEF	MH	6.70	1.37
tblVehicleEF	MH	1,108.09	1,147.75
tblVehicleEF	MH	61.52	13.13
tblVehicleEF	MH	1.41	0.78
tblVehicleEF	MH	0.88	0.19
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	7.9460e-003
tblVehicleEF	MH	1.4250e-003	2.0800e-004
tblVehicleEF	MH	3.2150e-003	3.3120e-003
tblVehicleEF	MH	0.03	7.5730e-003
tblVehicleEF	MH	1.3180e-003	1.9200e-004
tblVehicleEF	MH	1.25	0.25
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.50	0.15
tblVehicleEF	MH	0.12	0.02
tblVehicleEF	MH	0.02	0.17
tblVehicleEF	MH	0.40	0.06
tblVehicleEF	MH	0.01	0.01
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tblVehicleEF	MH	1.25	0.25
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.50	0.15
tblVehicleEF	MH	0.16	0.02

tblVehicleEF	MH	0.02	0.17
tblVehicleEF	MH	0.44	0.07
tblVehicleEF	MH	0.04	2.9100e-003
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.29	0.16
tblVehicleEF	MH	6.31	1.30
tblVehicleEF	MH	1,108.09	1,147.76
tblVehicleEF	MH	61.52	13.01
tblVehicleEF	MH	1.30	0.73
tblVehicleEF	MH	0.84	0.18
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	7.9460e-003
tblVehicleEF	MH	1.4250e-003	2.0800e-004
tblVehicleEF	MH	3.2150e-003	3.3120e-003
tblVehicleEF	MH	0.03	7.5730e-003
tblVehicleEF	MH	1.3180e-003	1.9200e-004
tblVehicleEF	MH	1.93	0.35
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.78	0.20
tblVehicleEF	MH	0.12	0.02
tblVehicleEF	MH	0.02	0.16
tblVehicleEF	MH	0.39	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	7.2600e-004	1.2900e-004
tblVehicleEF	MH	1.93	0.35
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.78	0.20
tblVehicleEF	MH	0.17	0.02
tblVehicleEF	MH	0.02	0.16
tblVehicleEF	MH	0.42	0.07

tblVehicleEF	MH	0.04	2.8560e-003
tblVehicleEF	MH	0.03	0.02
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tblVehicleEF	MH	6.75	1.38
tblVehicleEF	MH	1,108.09	1,147.75
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tblVehicleEF	MH	0.88	0.19
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tblVehicleEF	MH	0.03	7.9460e-003
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tblVehicleEF	MH	3.2150e-003	3.3120e-003
tblVehicleEF	MH	0.03	7.5730e-003
tblVehicleEF	MH	1.3180e-003	1.9200e-004
tblVehicleEF	MH	1.38	0.24
tblVehicleEF	MH	0.10	0.01
tblVehicleEF	MH	0.51	0.15
tblVehicleEF	MH	0.12	0.02
tblVehicleEF	MH	0.02	0.18
tblVehicleEF	MH	0.41	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	7.3300e-004	1.3000e-004
tblVehicleEF	MH	1.38	0.24
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tblVehicleEF	MH	0.51	0.15
tblVehicleEF	MH	0.16	0.02
tblVehicleEF	MH	0.02	0.18
tblVehicleEF	MH	0.44	0.07
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tblVehicleEF	MHD	7.6650e-003	5.1400e-004

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tblVehicleEF	MHD	2.5720e-003	5.8000e-005
tblVehicleEF	MHD	0.05	6.5300e-003
tblVehicleEF	MHD	8.8200e-004	8.5000e-005
tblVehicleEF	MHD	2.4600e-003	5.6000e-005
tblVehicleEF	MHD	0.04	6.2440e-003
tblVehicleEF	MHD	8.1100e-004	7.8000e-005
tblVehicleEF	MHD	1.3590e-003	2.9400e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	8.1200e-004	2.4100e-004
tblVehicleEF	MHD	0.09	7.1730e-003
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tblVehicleEF	MHD	0.43	0.03
tblVehicleEF	MHD	1.3630e-003	4.1800e-004
tblVehicleEF	MHD	0.01	7.2020e-003
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tblVehicleEF	MHD	1.3590e-003	2.9400e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	8.1200e-004	2.4100e-004

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tblVehicleEF	MHD	2.1680e-003	5.2000e-005
tblVehicleEF	MHD	0.05	6.5300e-003
tblVehicleEF	MHD	8.8200e-004	8.5000e-005
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tblVehicleEF	MHD	0.04	6.2440e-003
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tblVehicleEF	MHD	1.2370e-003	3.2000e-004
tblVehicleEF	MHD	0.09	7.1900e-003
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.41	0.03
tblVehicleEF	MHD	1.4420e-003	4.1400e-004
tblVehicleEF	MHD	0.01	7.2020e-003

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tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	1.2370e-003	3.2000e-004
tblVehicleEF	MHD	0.11	8.4460e-003
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.45	0.03
tblVehicleEF	MHD	0.02	3.1060e-003
tblVehicleEF	MHD	7.6370e-003	5.1200e-004
tblVehicleEF	MHD	0.06	6.1240e-003
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tblVehicleEF	MHD	0.05	6.5300e-003
tblVehicleEF	MHD	8.8200e-004	8.5000e-005
tblVehicleEF	MHD	2.9940e-003	6.4000e-005
tblVehicleEF	MHD	0.04	6.2440e-003
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tblVehicleEF	MHD	1.3750e-003	2.7200e-004
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tblVehicleEF	MHD	7.9100e-004	2.3500e-004

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tblVehicleEF	MHD	0.05	0.02
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tblVehicleEF	OBUS	9.7500e-003	6.9130e-003
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tblVehicleEF	OBUS	9.3130e-003	6.5970e-003
tblVehicleEF	OBUS	7.3900e-004	1.9800e-004
tblVehicleEF	OBUS	2.4440e-003	2.0350e-003
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tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.2210e-003	1.2130e-003
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tblVehicleEF	SBUS	2.7790e-003	1.9900e-003
tblVehicleEF	SBUS	0.15	0.01
tblVehicleEF	SBUS	0.01	0.11
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	0.87	0.13
tblVehicleEF	SBUS	0.01	1.4910e-003
tblVehicleEF	SBUS	0.08	0.01
tblVehicleEF	SBUS	7.92	5.20
tblVehicleEF	SBUS	0.86	0.17
tblVehicleEF	SBUS	7.97	1.35
tblVehicleEF	SBUS	1,086.40	305.56
tblVehicleEF	SBUS	1,107.33	803.65
tblVehicleEF	SBUS	51.25	8.36
tblVehicleEF	SBUS	10.27	1.18
tblVehicleEF	SBUS	4.94	1.02
tblVehicleEF	SBUS	12.90	1.79
tblVehicleEF	SBUS	0.02	3.0500e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	2.9400e-003
tblVehicleEF	SBUS	6.9900e-004	1.5500e-004
tblVehicleEF	SBUS	0.01	2.9100e-004
tblVehicleEF	SBUS	2.7010e-003	2.5300e-003

tblVehicleEF	SBUS	0.03	2.7840e-003
tblVehicleEF	SBUS	6.4300e-004	1.4300e-004
tblVehicleEF	SBUS	3.7800e-003	2.2630e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.94	0.59
tblVehicleEF	SBUS	1.7450e-003	1.4440e-003
tblVehicleEF	SBUS	0.12	0.01
tblVehicleEF	SBUS	0.02	0.15
tblVehicleEF	SBUS	0.42	0.06
tblVehicleEF	SBUS	0.01	2.9390e-003
tblVehicleEF	SBUS	0.01	7.7430e-003
tblVehicleEF	SBUS	6.5000e-004	8.3000e-005
tblVehicleEF	SBUS	3.7800e-003	2.2630e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.35	0.85
tblVehicleEF	SBUS	1.7450e-003	1.4440e-003
tblVehicleEF	SBUS	0.14	0.01
tblVehicleEF	SBUS	0.02	0.15
tblVehicleEF	SBUS	0.46	0.07
tblVehicleEF	UBUS	2.67	5.27
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	11.68	41.13
tblVehicleEF	UBUS	10.54	1.81
tblVehicleEF	UBUS	1,961.22	1,973.77
tblVehicleEF	UBUS	103.09	17.62
tblVehicleEF	UBUS	9.86	0.46
tblVehicleEF	UBUS	15.22	0.20
tblVehicleEF	UBUS	0.60	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.1560e-003

tblVehicleEF	UBUS	1.0820e-003	2.1400e-004
tblVehicleEF	UBUS	0.26	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.12	3.0030e-003
tblVehicleEF	UBUS	9.9600e-004	1.9700e-004
tblVehicleEF	UBUS	5.3510e-003	8.4800e-004
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	2.9180e-003	6.5000e-004
tblVehicleEF	UBUS	0.86	0.08
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.80	0.12
tblVehicleEF	UBUS	9.8170e-003	3.2080e-003
tblVehicleEF	UBUS	1.2210e-003	1.7400e-004
tblVehicleEF	UBUS	5.3510e-003	8.4800e-004
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	2.9180e-003	6.5000e-004
tblVehicleEF	UBUS	3.63	5.39
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.87	0.13
tblVehicleEF	UBUS	2.67	5.27
tblVehicleEF	UBUS	0.05	0.03
tblVehicleEF	UBUS	11.76	41.13
tblVehicleEF	UBUS	9.15	1.61
tblVehicleEF	UBUS	1,961.22	1,973.77
tblVehicleEF	UBUS	103.09	17.27
tblVehicleEF	UBUS	9.29	0.45
tblVehicleEF	UBUS	15.16	0.19
tblVehicleEF	UBUS	0.60	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.1560e-003

tblVehicleEF	UBUS	1.0820e-003	2.1400e-004
tblVehicleEF	UBUS	0.26	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.12	3.0030e-003
tblVehicleEF	UBUS	9.9600e-004	1.9700e-004
tblVehicleEF	UBUS	8.0570e-003	1.1740e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.4190e-003	9.0400e-004
tblVehicleEF	UBUS	0.87	0.08
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.73	0.11
tblVehicleEF	UBUS	9.8180e-003	3.2080e-003
tblVehicleEF	UBUS	1.1970e-003	1.7100e-004
tblVehicleEF	UBUS	8.0570e-003	1.1740e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.4190e-003	9.0400e-004
tblVehicleEF	UBUS	3.65	5.39
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.80	0.12
tblVehicleEF	UBUS	2.67	5.27
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	11.67	41.13
tblVehicleEF	UBUS	10.75	1.85
tblVehicleEF	UBUS	1,961.22	1,973.77
tblVehicleEF	UBUS	103.09	17.69
tblVehicleEF	UBUS	9.68	0.46
tblVehicleEF	UBUS	15.23	0.20
tblVehicleEF	UBUS	0.60	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.1560e-003

tblVehicleEF	UBUS	1.0820e-003	2.1400e-004
tblVehicleEF	UBUS	0.26	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.12	3.0030e-003
tblVehicleEF	UBUS	9.9600e-004	1.9700e-004
tblVehicleEF	UBUS	5.8570e-003	8.6600e-004
tblVehicleEF	UBUS	0.10	0.01
tblVehicleEF	UBUS	3.0180e-003	6.3400e-004
tblVehicleEF	UBUS	0.86	0.08
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.81	0.12
tblVehicleEF	UBUS	9.8160e-003	3.2080e-003
tblVehicleEF	UBUS	1.2250e-003	1.7500e-004
tblVehicleEF	UBUS	5.8570e-003	8.6600e-004
tblVehicleEF	UBUS	0.10	0.01
tblVehicleEF	UBUS	3.0180e-003	6.3400e-004
tblVehicleEF	UBUS	3.63	5.39
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.89	0.13
tblVehicleTrips	ST_TR	7.16	50.77
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	5.00	0.00
tblVehicleTrips	ST_TR	10.37	0.00
tblVehicleTrips	ST_TR	21.35	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	46.36
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00

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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	5.6174	0.1686	7.4210	7.4800e-003		0.4514	0.4514		0.4514	0.4514	47.3737	98.5619	145.9356	0.1485	3.2200e-003	150.6053
Energy	0.0762	0.6710	0.4245	4.1500e-003		0.0526	0.0526		0.0526	0.0526	0.0000	753.8148	753.8148	0.0145	0.0138	758.2943

Mobile	2.3660	7.4591	34.8581	0.1200	16.6078	0.0674	16.6752	4.4426	0.0634	4.5061	0.0000	11,403.764 41	11,403.764 1	0.8681	0.0000	11,425.46 70
Waste						0.0000	0.0000		0.0000	0.0000	296.9758	0.0000	296.9758	17.5508	0.0000	735.7449
Water						0.0000	0.0000		0.0000	0.0000	28.9662	0.0000	28.9662	2.9751	0.0703	124.2780
Total	8.0595	8.2987	42.7036	0.1317	16.6078	0.5714	17.1792	4.4426	0.5675	5.0101	373.3157	12,256.14 08	12,629.456 5	21.5569	0.0873	13,194.38 96

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	5.6174	0.1686	7.4210	7.4800e-003		0.4514	0.4514		0.4514	0.4514	47.3737	98.5619	145.9356	0.1485	3.2200e-003	150.6053
Energy	0.0762	0.6710	0.4245	4.1500e-003		0.0526	0.0526		0.0526	0.0526	0.0000	753.8148	753.8148	0.0145	0.0138	758.2943
Mobile	2.3660	7.4591	34.8581	0.1200	16.6078	0.0674	16.6752	4.4426	0.0634	4.5061	0.0000	11,403.764 41	11,403.764 1	0.8681	0.0000	11,425.46 70
Waste						0.0000	0.0000		0.0000	0.0000	74.2439	0.0000	74.2439	4.3877	0.0000	183.9362
Water						0.0000	0.0000		0.0000	0.0000	28.9662	0.0000	28.9662	2.9751	0.0703	124.2780
Total	8.0595	8.2987	42.7036	0.1317	16.6078	0.5714	17.1792	4.4426	0.5675	5.0101	150.5839	12,256.14 08	12,406.724 6	8.3938	0.0873	12,642.58 10

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.66	0.00	1.76	61.06	0.00	4.18

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2020	8/31/2020	5	0	

2	Site Preparation	Site Preparation	12/8/2020	12/7/2020	5	0
3	Grading	Grading	2/2/2021	2/1/2021	5	0
4	Building Construction	Building Construction	7/6/2021	7/5/2021	5	0
5	Paving	Paving	10/7/2025	10/6/2025	5	0
6	Architectural Coating	Architectural Coating	1/20/2026	1/19/2026	5	0

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; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	8.00	132	0.36

Paving	Rollers	0	8.00	80	0.38
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2020

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000	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	0.0000

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					

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.4 Grading - 2021

Unmitigated Construction On-Site

Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000

Mitigated Construction Off-Site

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

3.5 Building Construction - 2021

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000	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	0.0000

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					

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000	0.0000	0.0000	0.0000	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	0.0000

Mitigated Construction Off-Site

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

3.7 Architectural Coating - 2026

Unmitigated Construction On-Site

Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.3660	7.4591	34.8581	0.1200	16.6078	0.0674	16.6752	4.4426	0.0634	4.5061	0.0000	11,403.7641	11,403.7641	0.8681	0.0000	11,425.4670
Unmitigated	2.3660	7.4591	34.8581	0.1200	16.6078	0.0674	16.6752	4.4426	0.0634	4.5061	0.0000	11,403.7641	11,403.7641	0.8681	0.0000	11,425.4670

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	12,656.28	13,860.21	12656.28	43,836,147	43,836,147
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Mobile Home Park	0.00	0.00	0.00		
Place of Worship	0.00	0.00	0.00		
Racquet Club	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	12,656.28	13,860.21	12,656.28	43,836,147	43,836,147

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Mobile Home Park	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Place of Worship	16.60	8.40	6.90	0.00	95.00	5.00	64	25	11
Racquet Club	16.60	8.40	6.90	11.50	69.50	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
General Light Industry	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
General Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Mobile Home Park	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Place of Worship	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Racquet Club	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

Regional Shopping Center	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Single Family Housing	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

5.0 Energy Detail

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	0.0762	0.6710	0.4245	4.1500e-003		0.0526	0.0526		0.0526	0.0526	0.0000	753.8148	753.8148	0.0145	0.0138	758.2943
NaturalGas Unmitigated	0.0762	0.6710	0.4245	4.1500e-003		0.0526	0.0526		0.0526	0.0526	0.0000	753.8148	753.8148	0.0145	0.0138	758.2943

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					
Apartments Low Rise	3.48337e+006	0.0188	0.1605	0.0683	1.0200e-003		0.0130	0.0130		0.0130	0.0130	0.0000	185.8858	185.8858	3.5600e-003	3.4100e-003	186.9904
General Light Industry	2.87854e+006	0.0155	0.1411	0.1185	8.5000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.6097	153.6097	2.9400e-003	2.8200e-003	154.5225

General Office Building	522689	2.8200e-003	0.0256	0.0215	1.5000e-004	1.9500e-003	1.9500e-003	1.9500e-003	1.9500e-003	0.0000	27.8927	27.8927	5.3000e-004	5.1000e-004	28.0584
Mobile Home Park	3.46791e+006	0.0187	0.1598	0.0680	1.0200e-003	0.0129	0.0129	0.0129	0.0129	0.0000	185.0607	185.0607	3.5500e-003	3.3900e-003	186.1604
Place of Worship	975821	5.2600e-003	0.0478	0.0402	2.9000e-004	3.6400e-003	3.6400e-003	3.6400e-003	3.6400e-003	0.0000	52.0735	52.0735	1.0000e-003	9.5000e-004	52.3830
Racquet Club	2.11717e+006	0.0114	0.1038	0.0872	6.2000e-004	7.8900e-003	7.8900e-003	7.8900e-003	7.8900e-003	0.0000	112.9803	112.9803	2.1700e-003	2.0700e-003	113.6516
Regional Shopping Center	345002	1.8600e-003	0.0169	0.0142	1.0000e-004	1.2900e-003	1.2900e-003	1.2900e-003	1.2900e-003	0.0000	18.4106	18.4106	3.5000e-004	3.4000e-004	18.5200
Single Family Housing	335464	1.8100e-003	0.0155	6.5800e-003	1.0000e-004	1.2500e-003	1.2500e-003	1.2500e-003	1.2500e-003	0.0000	17.9016	17.9016	3.4000e-004	3.3000e-004	18.0080
Total		0.0762	0.6710	0.4245	4.1500e-003	0.0526	0.0526	0.0526	0.0526	0.0000	753.8148	753.8148	0.0144	0.0138	758.2943

Mitigated

	Natural Gas 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					
Apartments Low Rise	3.48337e+006	0.0188	0.1605	0.0683	1.0200e-003		0.0130	0.0130		0.0130	0.0130	0.0000	185.8858	185.8858	3.5600e-003	3.4100e-003	186.9904
General Light Industry	2.87854e+006	0.0155	0.1411	0.1185	8.5000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.6097	153.6097	2.9400e-003	2.8200e-003	154.5225
General Office Building	522689	2.8200e-003	0.0256	0.0215	1.5000e-004		1.9500e-003	1.9500e-003		1.9500e-003	1.9500e-003	0.0000	27.8927	27.8927	5.3000e-004	5.1000e-004	28.0584
Mobile Home Park	3.46791e+006	0.0187	0.1598	0.0680	1.0200e-003		0.0129	0.0129		0.0129	0.0129	0.0000	185.0607	185.0607	3.5500e-003	3.3900e-003	186.1604
Place of Worship	975821	5.2600e-003	0.0478	0.0402	2.9000e-004		3.6400e-003	3.6400e-003		3.6400e-003	3.6400e-003	0.0000	52.0735	52.0735	1.0000e-003	9.5000e-004	52.3830
Racquet Club	2.11717e+006	0.0114	0.1038	0.0872	6.2000e-004		7.8900e-003	7.8900e-003		7.8900e-003	7.8900e-003	0.0000	112.9803	112.9803	2.1700e-003	2.0700e-003	113.6516
Regional Shopping Center	345002	1.8600e-003	0.0169	0.0142	1.0000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	18.4106	18.4106	3.5000e-004	3.4000e-004	18.5200
Single Family Housing	335464	1.8100e-003	0.0155	6.5800e-003	1.0000e-004		1.2500e-003	1.2500e-003		1.2500e-003	1.2500e-003	0.0000	17.9016	17.9016	3.4000e-004	3.3000e-004	18.0080
Total		0.0762	0.6710	0.4245	4.1500e-003		0.0526	0.0526		0.0526	0.0526	0.0000	753.8148	753.8148	0.0144	0.0138	758.2943

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.13572e+006	0.0000	0.0000	0.0000	0.0000
General Light Industry	1.16381e+006	0.0000	0.0000	0.0000	0.0000
General Office Building	800046	0.0000	0.0000	0.0000	0.0000
Mobile Home Park	851510	0.0000	0.0000	0.0000	0.0000
Place of Worship	394530	0.0000	0.0000	0.0000	0.0000
Racquet Club	855985	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1.97341e+006	0.0000	0.0000	0.0000	0.0000
Single Family Housing	104241	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	1.13572e+006	0.0000	0.0000	0.0000	0.0000
General Light Industry	1.16381e+006	0.0000	0.0000	0.0000	0.0000
General Office Building	800046	0.0000	0.0000	0.0000	0.0000

Mobile Home Park	851510	0.0000	0.0000	0.0000	0.0000
Place of Worship	394530	0.0000	0.0000	0.0000	0.0000
Racquet Club	855985	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1.97341e+006	0.0000	0.0000	0.0000	0.0000
Single Family Housing	104241	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	5.6174	0.1686	7.4210	7.4800e-003		0.4514	0.4514		0.4514	0.4514	47.3737	98.5619	145.9356	0.1485	3.2200e-003	150.6053
Unmitigated	5.6174	0.1686	7.4210	7.4800e-003		0.4514	0.4514		0.4514	0.4514	47.3737	98.5619	145.9356	0.1485	3.2200e-003	150.6053

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
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SubCategory	tons/yr								MT/yr						
	Architectural Coating	0.3917				0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.6273				0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.4609	0.1157	2.8352	7.2300e-003	0.4259	0.4259		0.4259	0.4259	47.3737	91.0360	138.4097	0.1413	3.2200e-003	142.8998
Landscaping	0.1376	0.0529	4.5858	2.4000e-004	0.0255	0.0255		0.0255	0.0255	0.0000	7.5259	7.5259	7.1800e-003	0.0000	7.7055
Total	5.6174	0.1686	7.4210	7.4700e-003	0.4514	0.4514		0.4514	0.4514	47.3737	98.5619	145.9356	0.1485	3.2200e-003	150.6053

Mitigated

SubCategory	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr								MT/yr							
Architectural Coating	0.3917					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	3.6273					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	1.4609	0.1157	2.8352	7.2300e-003	0.4259	0.4259		0.4259	0.4259	47.3737	91.0360	138.4097	0.1413	3.2200e-003	142.8998	
Landscaping	0.1376	0.0529	4.5858	2.4000e-004	0.0255	0.0255		0.0255	0.0255	0.0000	7.5259	7.5259	7.1800e-003	0.0000	7.7055	
Total	5.6174	0.1686	7.4210	7.4700e-003	0.4514	0.4514		0.4514	0.4514	47.3737	98.5619	145.9356	0.1485	3.2200e-003	150.6053	

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	28.9662	2.9751	0.0703	124.2780
Unmitigated	28.9662	2.9751	0.0703	124.2780

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	17.787 / 11.2136	5.6430	0.5796	0.0137	24.2110
General Light Industry	31.8501 / 0	10.1046	1.0378	0.0245	43.3531
General Office Building	10.1646 / 6.22991	3.2248	0.3312	7.8200e-003	13.8357
Mobile Home Park	10.4246 / 6.57206	3.3073	0.3397	8.0200e-003	14.1896
Place of Worship	1.46088 / 2.28496	0.4635	0.0476	1.1200e-003	1.9885
Racquet Club	5.9912 / 3.67203	1.9007	0.1952	4.6100e-003	8.1550
Regional Shopping Center	12.7775 / 7.83138	4.0537	0.4164	9.8300e-003	17.3923
Single Family Housing	0.847002 / 0.53398	0.2687	0.0276	6.5000e-004	1.1529
Total		28.9662	2.9751	0.0703	124.2780

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	17.787 / 11.2136	5.6430	0.5796	0.0137	24.2110
General Light Industry	31.8501 / 0	10.1046	1.0378	0.0245	43.3531
General Office Building	10.1646 / 6.22991	3.2248	0.3312	7.8200e-003	13.8357
Mobile Home Park	10.4246 / 6.57206	3.3073	0.3397	8.0200e-003	14.1896
Place of Worship	1.46088 / 2.28496	0.4635	0.0476	1.1200e-003	1.9885
Racquet Club	5.9912 / 3.67203	1.9007	0.1952	4.6100e-003	8.1550
Regional Shopping Center	12.7775 / 7.83138	4.0537	0.4164	9.8300e-003	17.3923
Single Family Housing	0.847002 / 0.53398	0.2687	0.0276	6.5000e-004	1.1529
Total		28.9662	2.9751	0.0703	124.2780

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	74.2439	4.3877	0.0000	183.9362

Unmitigated	296.9758	17.5508	0.0000	735.7449
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8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	125.58	25.4916	1.5065	0.0000	63.1544
General Light Industry	170.79	34.6688	2.0489	0.0000	85.8906
General Office Building	53.19	10.7971	0.6381	0.0000	26.7493
Mobile Home Park	73.6	14.9401	0.8829	0.0000	37.0136
Place of Worship	266.13	54.0220	3.1926	0.0000	133.8372
Racquet Club	577.41	117.2090	6.9269	0.0000	290.3804
Regional Shopping Center	181.13	36.7678	2.1729	0.0000	91.0906
Single Family Housing	15.17	3.0794	0.1820	0.0000	7.6290
Total		296.9758	17.5508	0.0000	735.7449

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Apartments Low Rise	31.395	6.3729	0.3766	0.0000	15.7886
General Light Industry	42.6975	8.6672	0.5122	0.0000	21.4726
General Office Building	13.2975	2.6993	0.1595	0.0000	6.6873
Mobile Home Park	18.4	3.7350	0.2207	0.0000	9.2534
Place of Worship	66.5325	13.5055	0.7982	0.0000	33.4593
Racquet Club	144.352	29.3023	1.7317	0.0000	72.5951
Regional Shopping Center	45.2825	9.1919	0.5432	0.0000	22.7726
Single Family Housing	3.7925	0.7698	0.0455	0.0000	1.9073
Total		74.2439	4.3877	0.0000	183.9362

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Doheny Village Zoning District Update - Existing Operational 2045 - South Coast AQMD Air District, Summer

Doheny Village Zoning District Update - Existing Operational 2045
South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.19	1000sqft	1.31	57,187.00	0
Place of Worship	46.69	1000sqft	1.07	46,690.00	0
General Light Industry	137.73	1000sqft	3.16	137,729.00	0
Racquet Club	101.30	1000sqft	2.33	101,300.00	0
Apartments Low Rise	273.00	Dwelling Unit	17.06	273,000.00	781
Mobile Home Park	160.00	Dwelling Unit	20.16	192,000.00	458
Single Family Housing	13.00	Dwelling Unit	4.22	23,400.00	37
Regional Shopping Center	172.50	1000sqft	3.96	172,501.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	8			Operational Year	2045
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - No construction - only operational emissions. SB100 - 100% renewable by 2045.

Land Use - Existing Development

Construction Phase - Operational Emissions only.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Trips and VMT - No construction.

Grading -

Architectural Coating - operational emissions only.

Vehicle Trips - Traffic Study Table 5-2, existing uses = 12,656 trips daily & 13,381 on Saturdays. All trips were put on a single land use.

Vehicle Emission Factors - EMFAC2017 Orange County 2045

Vehicle Emission Factors - EMFAC2017 Orange County 2045

Vehicle Emission Factors - EMFAC2017 Orange County 2045

Energy Use -

Waste Mitigation - AB 341

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	257,704.00	0.00
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tblArchitecturalCoating	ConstArea_Residential_Exterior	329,670.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	989,010.00	0.00
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tblConstructionPhase	NumDays	70.00	0.00
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	75.00	0.00
tblConstructionPhase	NumDays	40.00	0.00
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tblLandUse	LandUseSquareFeet	137,730.00	137,729.00
tblLandUse	LandUseSquareFeet	172,500.00	172,501.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	VendorTripNumber	132.00	0.00
tblTripsAndVMT	WorkerTripNumber	510.00	0.00
tblTripsAndVMT	WorkerTripNumber	102.00	0.00
tblVehicleEF	HHD	0.79	0.03
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tblVehicleEF	HHD	3.01	0.01
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tblVehicleEF	LDT1	3.7420e-003	7.3300e-004
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tblVehicleEF	LDT1	0.18	0.04
tblVehicleEF	LDT1	0.06	2.9770e-003

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tblVehicleEF	LDT1	3.4420e-003	6.7400e-004
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tblVehicleEF	LDT1	0.35	0.05
tblVehicleEF	LDT1	0.11	0.03
tblVehicleEF	LDT1	0.04	1.8930e-003
tblVehicleEF	LDT1	0.22	0.21
tblVehicleEF	LDT1	0.25	0.07
tblVehicleEF	LDT1	3.4550e-003	2.1200e-003
tblVehicleEF	LDT1	7.9600e-004	4.3100e-004
tblVehicleEF	LDT1	0.15	0.02
tblVehicleEF	LDT1	0.35	0.05
tblVehicleEF	LDT1	0.11	0.03
tblVehicleEF	LDT1	0.06	2.7620e-003
tblVehicleEF	LDT1	0.22	0.21
tblVehicleEF	LDT1	0.27	0.07
tblVehicleEF	LDT2	7.6900e-003	8.8500e-004
tblVehicleEF	LDT2	8.1990e-003	0.02

tblVehicleEF	LDT2	0.91	0.44
tblVehicleEF	LDT2	1.67	1.68
tblVehicleEF	LDT2	394.91	216.05
tblVehicleEF	LDT2	83.55	43.27
tblVehicleEF	LDT2	0.09	0.02
tblVehicleEF	LDT2	0.14	0.11
tblVehicleEF	LDT2	1.9980e-003	5.9500e-004
tblVehicleEF	LDT2	2.3150e-003	6.7000e-004
tblVehicleEF	LDT2	1.8380e-003	5.4900e-004
tblVehicleEF	LDT2	2.1290e-003	6.1600e-004
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.12	0.04
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.02	2.6890e-003
tblVehicleEF	LDT2	0.07	0.17
tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	3.9570e-003	2.1370e-003
tblVehicleEF	LDT2	8.6400e-004	4.2800e-004
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.12	0.04
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tblVehicleEF	LDT2	0.03	3.8700e-003
tblVehicleEF	LDT2	0.07	0.17
tblVehicleEF	LDT2	0.12	0.09
tblVehicleEF	LDT2	8.2220e-003	9.4300e-004
tblVehicleEF	LDT2	7.2690e-003	0.02
tblVehicleEF	LDT2	1.01	0.48
tblVehicleEF	LDT2	1.43	1.45
tblVehicleEF	LDT2	415.27	222.84
tblVehicleEF	LDT2	83.55	42.88

tblVehicleEF	LDT2	0.08	0.01
tblVehicleEF	LDT2	0.13	0.10
tblVehicleEF	LDT2	1.9980e-003	5.9500e-004
tblVehicleEF	LDT2	2.3150e-003	6.7000e-004
tblVehicleEF	LDT2	1.8380e-003	5.4900e-004
tblVehicleEF	LDT2	2.1290e-003	6.1600e-004
tblVehicleEF	LDT2	0.09	0.04
tblVehicleEF	LDT2	0.13	0.04
tblVehicleEF	LDT2	0.08	0.05
tblVehicleEF	LDT2	0.02	2.8340e-003
tblVehicleEF	LDT2	0.06	0.15
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	4.1620e-003	2.2040e-003
tblVehicleEF	LDT2	8.6000e-004	4.2400e-004
tblVehicleEF	LDT2	0.09	0.04
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tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	7.5270e-003	8.6600e-004
tblVehicleEF	LDT2	8.3890e-003	0.02
tblVehicleEF	LDT2	0.88	0.43
tblVehicleEF	LDT2	1.71	1.73
tblVehicleEF	LDT2	388.14	213.55
tblVehicleEF	LDT2	83.55	43.35
tblVehicleEF	LDT2	0.09	0.02
tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	1.9980e-003	5.9500e-004
tblVehicleEF	LDT2	2.3150e-003	6.7000e-004

tblVehicleEF	LDT2	1.8380e-003	5.4900e-004
tblVehicleEF	LDT2	2.1290e-003	6.1600e-004
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.13	0.04
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.02	2.6410e-003
tblVehicleEF	LDT2	0.08	0.20
tblVehicleEF	LDT2	0.11	0.09
tblVehicleEF	LDT2	3.8890e-003	2.1120e-003
tblVehicleEF	LDT2	8.6500e-004	4.2900e-004
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.13	0.04
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.03	3.7990e-003
tblVehicleEF	LDT2	0.08	0.20
tblVehicleEF	LDT2	0.12	0.09
tblVehicleEF	LHD1	6.1690e-003	3.1040e-003
tblVehicleEF	LHD1	0.01	1.4400e-003
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tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.01	0.15
tblVehicleEF	LHD1	3.02	0.67
tblVehicleEF	LHD1	8.99	7.51
tblVehicleEF	LHD1	619.19	498.64
tblVehicleEF	LHD1	34.59	7.75
tblVehicleEF	LHD1	0.07	0.04
tblVehicleEF	LHD1	1.42	0.08
tblVehicleEF	LHD1	1.10	0.15
tblVehicleEF	LHD1	8.3800e-004	1.0980e-003
tblVehicleEF	LHD1	9.9390e-003	0.01

tblVehicleEF	LHD1	0.01	3.4640e-003
tblVehicleEF	LHD1	1.1010e-003	1.6300e-004
tblVehicleEF	LHD1	8.0200e-004	1.0510e-003
tblVehicleEF	LHD1	2.4850e-003	2.5370e-003
tblVehicleEF	LHD1	0.01	3.2940e-003
tblVehicleEF	LHD1	1.0140e-003	1.5000e-004
tblVehicleEF	LHD1	3.4450e-003	9.1700e-004
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.9730e-003	7.4900e-004
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.32	0.13
tblVehicleEF	LHD1	0.31	0.02
tblVehicleEF	LHD1	9.1000e-005	7.2000e-005
tblVehicleEF	LHD1	6.0900e-003	4.8450e-003
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tblVehicleEF	LHD1	3.4450e-003	9.1700e-004
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	1.9730e-003	7.4900e-004
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.32	0.13
tblVehicleEF	LHD1	0.34	0.02
tblVehicleEF	LHD1	6.1690e-003	3.1100e-003
tblVehicleEF	LHD1	0.01	1.4510e-003
tblVehicleEF	LHD1	0.02	4.5620e-003
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.03	0.15
tblVehicleEF	LHD1	2.88	0.64
tblVehicleEF	LHD1	8.99	7.51

tblVehicleEF	LHD1	619.19	498.65
tblVehicleEF	LHD1	34.59	7.70
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tblVehicleEF	LHD1	1.33	0.08
tblVehicleEF	LHD1	1.05	0.14
tblVehicleEF	LHD1	8.3800e-004	1.0980e-003
tblVehicleEF	LHD1	9.9390e-003	0.01
tblVehicleEF	LHD1	0.01	3.4640e-003
tblVehicleEF	LHD1	1.1010e-003	1.6300e-004
tblVehicleEF	LHD1	8.0200e-004	1.0510e-003
tblVehicleEF	LHD1	2.4850e-003	2.5370e-003
tblVehicleEF	LHD1	0.01	3.2940e-003
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tblVehicleEF	LHD1	5.3890e-003	1.2910e-003
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	2.9990e-003	9.9700e-004
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.31	0.13
tblVehicleEF	LHD1	0.29	0.02
tblVehicleEF	LHD1	9.1000e-005	7.2000e-005
tblVehicleEF	LHD1	6.0900e-003	4.8450e-003
tblVehicleEF	LHD1	4.0000e-004	7.6000e-005
tblVehicleEF	LHD1	5.3890e-003	1.2910e-003
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.9990e-003	9.9700e-004
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	0.31	0.13
tblVehicleEF	LHD1	0.32	0.02

tblVehicleEF	LHD1	6.1690e-003	3.1030e-003
tblVehicleEF	LHD1	0.01	1.4380e-003
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tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.01	0.15
tblVehicleEF	LHD1	3.03	0.67
tblVehicleEF	LHD1	8.99	7.51
tblVehicleEF	LHD1	619.19	498.64
tblVehicleEF	LHD1	34.59	7.75
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tblVehicleEF	LHD1	8.3800e-004	1.0980e-003
tblVehicleEF	LHD1	9.9390e-003	0.01
tblVehicleEF	LHD1	0.01	3.4640e-003
tblVehicleEF	LHD1	1.1010e-003	1.6300e-004
tblVehicleEF	LHD1	8.0200e-004	1.0510e-003
tblVehicleEF	LHD1	2.4850e-003	2.5370e-003
tblVehicleEF	LHD1	0.01	3.2940e-003
tblVehicleEF	LHD1	1.0140e-003	1.5000e-004
tblVehicleEF	LHD1	3.5410e-003	8.5300e-004
tblVehicleEF	LHD1	0.12	0.03
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.9440e-003	7.3100e-004
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.34	0.15
tblVehicleEF	LHD1	0.31	0.02
tblVehicleEF	LHD1	9.1000e-005	7.2000e-005
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tblVehicleEF	LHD1	3.5410e-003	8.5300e-004
tblVehicleEF	LHD1	0.12	0.03
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	1.9440e-003	7.3100e-004
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.34	0.15
tblVehicleEF	LHD1	0.34	0.02
tblVehicleEF	LHD2	4.5150e-003	2.0890e-003
tblVehicleEF	LHD2	5.5780e-003	1.6080e-003
tblVehicleEF	LHD2	0.01	2.8370e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.46	0.17
tblVehicleEF	LHD2	1.57	0.42
tblVehicleEF	LHD2	13.71	11.77
tblVehicleEF	LHD2	630.24	505.82
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tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.08	0.11
tblVehicleEF	LHD2	0.65	0.09
tblVehicleEF	LHD2	1.2060e-003	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.4130e-003
tblVehicleEF	LHD2	5.2400e-004	1.0100e-004
tblVehicleEF	LHD2	1.1530e-003	1.4420e-003
tblVehicleEF	LHD2	2.6390e-003	2.7200e-003
tblVehicleEF	LHD2	0.01	8.9940e-003
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tblVehicleEF	LHD2	1.4360e-003	5.9500e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.01

tblVehicleEF	LHD2	8.6600e-004	4.8700e-004
tblVehicleEF	LHD2	0.05	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.15	0.01
tblVehicleEF	LHD2	1.3400e-004	1.1200e-004
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tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.6600e-004	4.8700e-004
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.16	0.01
tblVehicleEF	LHD2	4.5150e-003	2.0930e-003
tblVehicleEF	LHD2	5.6580e-003	1.6140e-003
tblVehicleEF	LHD2	0.01	2.7490e-003
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tblVehicleEF	LHD2	0.47	0.17
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tblVehicleEF	LHD2	13.71	11.77
tblVehicleEF	LHD2	630.24	505.82
tblVehicleEF	LHD2	29.03	5.50
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.02	0.11
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tblVehicleEF	LHD2	1.2060e-003	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.4130e-003
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tblVehicleEF	LHD2	2.6390e-003	2.7200e-003
tblVehicleEF	LHD2	0.01	8.9940e-003
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tblVehicleEF	LHD2	0.05	0.03
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.14	0.01
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tblVehicleEF	LHD2	2.2360e-003	8.3700e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.3010e-003	6.4700e-004
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.16	0.01
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tblVehicleEF	LHD2	630.24	505.82
tblVehicleEF	LHD2	29.03	5.53

tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.06	0.11
tblVehicleEF	LHD2	0.65	0.09
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tblVehicleEF	LHD2	0.01	9.4130e-003
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tblVehicleEF	LHD2	1.1530e-003	1.4420e-003
tblVehicleEF	LHD2	2.6390e-003	2.7200e-003
tblVehicleEF	LHD2	0.01	8.9940e-003
tblVehicleEF	LHD2	4.8200e-004	9.3000e-005
tblVehicleEF	LHD2	1.4330e-003	5.5200e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	8.3800e-004	4.7500e-004
tblVehicleEF	LHD2	0.05	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.15	0.01
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tblVehicleEF	LHD2	6.1460e-003	4.8730e-003
tblVehicleEF	LHD2	3.2000e-004	5.5000e-005
tblVehicleEF	LHD2	1.4330e-003	5.5200e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.3800e-004	4.7500e-004
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tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.16	0.01
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tblVehicleEF	MCY	0.15	0.22

tblVehicleEF	MCY	19.39	16.84
tblVehicleEF	MCY	9.61	8.73
tblVehicleEF	MCY	181.38	214.11
tblVehicleEF	MCY	45.65	56.50
tblVehicleEF	MCY	1.13	1.11
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.1550e-003	2.4740e-003
tblVehicleEF	MCY	3.9350e-003	2.9710e-003
tblVehicleEF	MCY	2.0160e-003	2.3070e-003
tblVehicleEF	MCY	3.7130e-003	2.7710e-003
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.70	0.67
tblVehicleEF	MCY	0.71	0.71
tblVehicleEF	MCY	2.50	2.27
tblVehicleEF	MCY	0.64	1.20
tblVehicleEF	MCY	2.08	1.72
tblVehicleEF	MCY	2.2050e-003	2.1190e-003
tblVehicleEF	MCY	6.7500e-004	5.5900e-004
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.70	0.67
tblVehicleEF	MCY	0.71	0.71
tblVehicleEF	MCY	3.09	2.85
tblVehicleEF	MCY	0.64	1.20
tblVehicleEF	MCY	2.26	1.87
tblVehicleEF	MCY	0.49	0.33
tblVehicleEF	MCY	0.14	0.20
tblVehicleEF	MCY	18.88	16.30
tblVehicleEF	MCY	8.86	7.93
tblVehicleEF	MCY	181.38	213.11
tblVehicleEF	MCY	45.65	54.69

tblVehicleEF	MCY	0.99	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.1550e-003	2.4740e-003
tblVehicleEF	MCY	3.9350e-003	2.9710e-003
tblVehicleEF	MCY	2.0160e-003	2.3070e-003
tblVehicleEF	MCY	3.7130e-003	2.7710e-003
tblVehicleEF	MCY	1.99	1.81
tblVehicleEF	MCY	0.81	0.73
tblVehicleEF	MCY	1.26	1.10
tblVehicleEF	MCY	2.44	2.23
tblVehicleEF	MCY	0.61	1.10
tblVehicleEF	MCY	1.85	1.55
tblVehicleEF	MCY	2.1950e-003	2.1090e-003
tblVehicleEF	MCY	6.5600e-004	5.4100e-004
tblVehicleEF	MCY	1.99	1.81
tblVehicleEF	MCY	0.81	0.73
tblVehicleEF	MCY	1.26	1.10
tblVehicleEF	MCY	3.02	2.80
tblVehicleEF	MCY	0.61	1.10
tblVehicleEF	MCY	2.01	1.69
tblVehicleEF	MCY	0.50	0.34
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	19.41	16.92
tblVehicleEF	MCY	9.70	8.87
tblVehicleEF	MCY	181.38	214.26
tblVehicleEF	MCY	45.65	56.83
tblVehicleEF	MCY	1.11	1.08
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.1550e-003	2.4740e-003
tblVehicleEF	MCY	3.9350e-003	2.9710e-003

tblVehicleEF	MCY	2.0160e-003	2.3070e-003
tblVehicleEF	MCY	3.7130e-003	2.7710e-003
tblVehicleEF	MCY	1.27	1.33
tblVehicleEF	MCY	0.90	0.84
tblVehicleEF	MCY	0.68	0.73
tblVehicleEF	MCY	2.51	2.28
tblVehicleEF	MCY	0.73	1.43
tblVehicleEF	MCY	2.11	1.75
tblVehicleEF	MCY	2.2060e-003	2.1200e-003
tblVehicleEF	MCY	6.7700e-004	5.6200e-004
tblVehicleEF	MCY	1.27	1.33
tblVehicleEF	MCY	0.90	0.84
tblVehicleEF	MCY	0.68	0.73
tblVehicleEF	MCY	3.10	2.86
tblVehicleEF	MCY	0.73	1.43
tblVehicleEF	MCY	2.30	1.91
tblVehicleEF	MDV	0.02	9.3700e-004
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.65	0.45
tblVehicleEF	MDV	3.14	1.66
tblVehicleEF	MDV	529.43	261.84
tblVehicleEF	MDV	110.47	51.22
tblVehicleEF	MDV	0.18	0.02
tblVehicleEF	MDV	0.29	0.12
tblVehicleEF	MDV	2.2250e-003	5.8400e-004
tblVehicleEF	MDV	2.5590e-003	6.7600e-004
tblVehicleEF	MDV	2.0540e-003	5.3800e-004
tblVehicleEF	MDV	2.3560e-003	6.2200e-004
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.18	0.06

tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.05	2.9720e-003
tblVehicleEF	MDV	0.10	0.18
tblVehicleEF	MDV	0.25	0.09
tblVehicleEF	MDV	5.3090e-003	2.5870e-003
tblVehicleEF	MDV	1.1600e-003	5.0700e-004
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.18	0.06
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.06	4.2740e-003
tblVehicleEF	MDV	0.10	0.18
tblVehicleEF	MDV	0.27	0.10
tblVehicleEF	MDV	0.02	9.9900e-004
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.82	0.49
tblVehicleEF	MDV	2.71	1.44
tblVehicleEF	MDV	556.55	268.47
tblVehicleEF	MDV	110.47	50.84
tblVehicleEF	MDV	0.16	0.02
tblVehicleEF	MDV	0.28	0.11
tblVehicleEF	MDV	2.2250e-003	5.8400e-004
tblVehicleEF	MDV	2.5590e-003	6.7600e-004
tblVehicleEF	MDV	2.0540e-003	5.3800e-004
tblVehicleEF	MDV	2.3560e-003	6.2200e-004
tblVehicleEF	MDV	0.13	0.07
tblVehicleEF	MDV	0.19	0.06
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.05	3.1310e-003
tblVehicleEF	MDV	0.09	0.16
tblVehicleEF	MDV	0.22	0.08

tblVehicleEF	MDV	5.5820e-003	2.6530e-003
tblVehicleEF	MDV	1.1520e-003	5.0300e-004
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tblVehicleEF	MDV	0.19	0.06
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.07	4.5060e-003
tblVehicleEF	MDV	0.09	0.16
tblVehicleEF	MDV	0.24	0.09
tblVehicleEF	MDV	0.01	9.1800e-004
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.60	0.43
tblVehicleEF	MDV	3.23	1.71
tblVehicleEF	MDV	520.55	259.39
tblVehicleEF	MDV	110.47	51.31
tblVehicleEF	MDV	0.18	0.02
tblVehicleEF	MDV	0.30	0.12
tblVehicleEF	MDV	2.2250e-003	5.8400e-004
tblVehicleEF	MDV	2.5590e-003	6.7600e-004
tblVehicleEF	MDV	2.0540e-003	5.3800e-004
tblVehicleEF	MDV	2.3560e-003	6.2200e-004
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.19	0.07
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.05	2.9190e-003
tblVehicleEF	MDV	0.11	0.21
tblVehicleEF	MDV	0.25	0.09
tblVehicleEF	MDV	5.2190e-003	2.5630e-003
tblVehicleEF	MDV	1.1620e-003	5.0800e-004
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.19	0.07

tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.06	4.1970e-003
tblVehicleEF	MDV	0.11	0.21
tblVehicleEF	MDV	0.28	0.10
tblVehicleEF	MH	0.04	2.8690e-003
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.22	0.15
tblVehicleEF	MH	6.70	1.37
tblVehicleEF	MH	1,108.09	1,147.75
tblVehicleEF	MH	61.52	13.13
tblVehicleEF	MH	1.41	0.78
tblVehicleEF	MH	0.88	0.19
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	7.9460e-003
tblVehicleEF	MH	1.4250e-003	2.0800e-004
tblVehicleEF	MH	3.2150e-003	3.3120e-003
tblVehicleEF	MH	0.03	7.5730e-003
tblVehicleEF	MH	1.3180e-003	1.9200e-004
tblVehicleEF	MH	1.25	0.25
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.50	0.15
tblVehicleEF	MH	0.12	0.02
tblVehicleEF	MH	0.02	0.17
tblVehicleEF	MH	0.40	0.06
tblVehicleEF	MH	0.01	0.01
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tblVehicleEF	MH	1.25	0.25
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.50	0.15
tblVehicleEF	MH	0.16	0.02

tblVehicleEF	MH	0.02	0.17
tblVehicleEF	MH	0.44	0.07
tblVehicleEF	MH	0.04	2.9100e-003
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.29	0.16
tblVehicleEF	MH	6.31	1.30
tblVehicleEF	MH	1,108.09	1,147.76
tblVehicleEF	MH	61.52	13.01
tblVehicleEF	MH	1.30	0.73
tblVehicleEF	MH	0.84	0.18
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	7.9460e-003
tblVehicleEF	MH	1.4250e-003	2.0800e-004
tblVehicleEF	MH	3.2150e-003	3.3120e-003
tblVehicleEF	MH	0.03	7.5730e-003
tblVehicleEF	MH	1.3180e-003	1.9200e-004
tblVehicleEF	MH	1.93	0.35
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.78	0.20
tblVehicleEF	MH	0.12	0.02
tblVehicleEF	MH	0.02	0.16
tblVehicleEF	MH	0.39	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	7.2600e-004	1.2900e-004
tblVehicleEF	MH	1.93	0.35
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.78	0.20
tblVehicleEF	MH	0.17	0.02
tblVehicleEF	MH	0.02	0.16
tblVehicleEF	MH	0.42	0.07

tblVehicleEF	MH	0.04	2.8560e-003
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.21	0.15
tblVehicleEF	MH	6.75	1.38
tblVehicleEF	MH	1,108.09	1,147.75
tblVehicleEF	MH	61.52	13.15
tblVehicleEF	MH	1.38	0.76
tblVehicleEF	MH	0.88	0.19
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tblVehicleEF	MH	0.03	7.9460e-003
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tblVehicleEF	MH	3.2150e-003	3.3120e-003
tblVehicleEF	MH	0.03	7.5730e-003
tblVehicleEF	MH	1.3180e-003	1.9200e-004
tblVehicleEF	MH	1.38	0.24
tblVehicleEF	MH	0.10	0.01
tblVehicleEF	MH	0.51	0.15
tblVehicleEF	MH	0.12	0.02
tblVehicleEF	MH	0.02	0.18
tblVehicleEF	MH	0.41	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	7.3300e-004	1.3000e-004
tblVehicleEF	MH	1.38	0.24
tblVehicleEF	MH	0.10	0.01
tblVehicleEF	MH	0.51	0.15
tblVehicleEF	MH	0.16	0.02
tblVehicleEF	MH	0.02	0.18
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tblVehicleEF	MHD	0.02	2.9040e-003
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tblVehicleEF	MHD	2.5720e-003	5.8000e-005
tblVehicleEF	MHD	0.05	6.5300e-003
tblVehicleEF	MHD	8.8200e-004	8.5000e-005
tblVehicleEF	MHD	2.4600e-003	5.6000e-005
tblVehicleEF	MHD	0.04	6.2440e-003
tblVehicleEF	MHD	8.1100e-004	7.8000e-005
tblVehicleEF	MHD	1.3590e-003	2.9400e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	8.1200e-004	2.4100e-004
tblVehicleEF	MHD	0.09	7.1730e-003
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.43	0.03
tblVehicleEF	MHD	1.3630e-003	4.1800e-004
tblVehicleEF	MHD	0.01	7.2020e-003
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tblVehicleEF	MHD	1.3590e-003	2.9400e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	8.1200e-004	2.4100e-004

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tblVehicleEF	MHD	0.47	0.03
tblVehicleEF	MHD	0.02	2.7660e-003
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tblVehicleEF	MHD	2.1680e-003	5.2000e-005
tblVehicleEF	MHD	0.05	6.5300e-003
tblVehicleEF	MHD	8.8200e-004	8.5000e-005
tblVehicleEF	MHD	2.0740e-003	4.9000e-005
tblVehicleEF	MHD	0.04	6.2440e-003
tblVehicleEF	MHD	8.1100e-004	7.8000e-005
tblVehicleEF	MHD	2.1280e-003	4.1300e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	1.2370e-003	3.2000e-004
tblVehicleEF	MHD	0.09	7.1900e-003
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.41	0.03
tblVehicleEF	MHD	1.4420e-003	4.1400e-004
tblVehicleEF	MHD	0.01	7.2020e-003

tblVehicleEF	MHD	7.3700e-004	5.9000e-005
tblVehicleEF	MHD	2.1280e-003	4.1300e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	1.2370e-003	3.2000e-004
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tblVehicleEF	MHD	0.45	0.03
tblVehicleEF	MHD	0.02	3.1060e-003
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tblVehicleEF	MHD	0.05	6.5300e-003
tblVehicleEF	MHD	8.8200e-004	8.5000e-005
tblVehicleEF	MHD	2.9940e-003	6.4000e-005
tblVehicleEF	MHD	0.04	6.2440e-003
tblVehicleEF	MHD	8.1100e-004	7.8000e-005
tblVehicleEF	MHD	1.3750e-003	2.7200e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	7.9100e-004	2.3500e-004

tblVehicleEF	MHD	0.09	7.1680e-003
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tblVehicleEF	MHD	0.43	0.03
tblVehicleEF	MHD	1.2550e-003	4.2300e-004
tblVehicleEF	MHD	0.01	7.2020e-003
tblVehicleEF	MHD	7.4400e-004	6.0000e-005
tblVehicleEF	MHD	1.3750e-003	2.7200e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	7.9100e-004	2.3500e-004
tblVehicleEF	MHD	0.11	8.4150e-003
tblVehicleEF	MHD	0.02	0.07
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tblVehicleEF	OBUS	0.01	1.4550e-003
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.29	0.59
tblVehicleEF	OBUS	0.68	0.16
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tblVehicleEF	OBUS	1,247.72	1,058.99
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tblVehicleEF	OBUS	1.92	1.02
tblVehicleEF	OBUS	2.50	0.90
tblVehicleEF	OBUS	2.6600e-004	1.1200e-004
tblVehicleEF	OBUS	9.7500e-003	6.9130e-003
tblVehicleEF	OBUS	8.0400e-004	2.1500e-004
tblVehicleEF	OBUS	2.5500e-004	1.0700e-004
tblVehicleEF	OBUS	9.3130e-003	6.5970e-003

tblVehicleEF	OBUS	7.3900e-004	1.9800e-004
tblVehicleEF	OBUS	1.6040e-003	1.4810e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	8.0900e-004	9.1300e-004
tblVehicleEF	OBUS	0.07	0.01
tblVehicleEF	OBUS	0.04	0.21
tblVehicleEF	OBUS	0.39	0.08
tblVehicleEF	OBUS	9.7100e-004	6.6900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.0200e-004	1.4700e-004
tblVehicleEF	OBUS	1.6040e-003	1.4810e-003
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tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	8.0900e-004	9.1300e-004
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tblVehicleEF	OBUS	0.01	8.4100e-003
tblVehicleEF	OBUS	0.01	1.4820e-003
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tblVehicleEF	OBUS	0.69	0.16
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tblVehicleEF	OBUS	105.46	69.51
tblVehicleEF	OBUS	1,247.72	1,058.99
tblVehicleEF	OBUS	69.38	14.74
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tblVehicleEF	OBUS	2.46	0.89

tblVehicleEF	OBUS	2.2400e-004	1.0000e-004
tblVehicleEF	OBUS	9.7500e-003	6.9130e-003
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tblVehicleEF	OBUS	2.1500e-004	9.5000e-005
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tblVehicleEF	OBUS	7.3900e-004	1.9800e-004
tblVehicleEF	OBUS	2.4440e-003	2.0350e-003
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tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.2210e-003	1.2130e-003
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tblVehicleEF	OBUS	7.3900e-004	1.9800e-004
tblVehicleEF	OBUS	1.6330e-003	1.3880e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	7.9300e-004	8.7900e-004
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tblVehicleEF	SBUS	5.02	1.04
tblVehicleEF	SBUS	12.89	1.79
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tblVehicleEF	SBUS	0.03	2.9400e-003
tblVehicleEF	SBUS	6.9900e-004	1.5500e-004
tblVehicleEF	SBUS	0.01	2.5300e-004
tblVehicleEF	SBUS	2.7010e-003	2.5300e-003
tblVehicleEF	SBUS	0.03	2.7840e-003
tblVehicleEF	SBUS	6.4300e-004	1.4300e-004
tblVehicleEF	SBUS	3.7230e-003	2.4270e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.93	0.59
tblVehicleEF	SBUS	1.7870e-003	1.5020e-003
tblVehicleEF	SBUS	0.12	0.01
tblVehicleEF	SBUS	0.02	0.12
tblVehicleEF	SBUS	0.41	0.06
tblVehicleEF	SBUS	0.01	2.9030e-003
tblVehicleEF	SBUS	0.01	7.7430e-003
tblVehicleEF	SBUS	6.4600e-004	8.2000e-005
tblVehicleEF	SBUS	3.7230e-003	2.4270e-003
tblVehicleEF	SBUS	0.03	0.02

tblVehicleEF	SBUS	1.35	0.85
tblVehicleEF	SBUS	1.7870e-003	1.5020e-003
tblVehicleEF	SBUS	0.14	0.01
tblVehicleEF	SBUS	0.02	0.12
tblVehicleEF	SBUS	0.45	0.07
tblVehicleEF	SBUS	0.87	0.13
tblVehicleEF	SBUS	0.02	1.5260e-003
tblVehicleEF	SBUS	0.06	9.6940e-003
tblVehicleEF	SBUS	7.60	5.17
tblVehicleEF	SBUS	0.88	0.17
tblVehicleEF	SBUS	6.13	1.10
tblVehicleEF	SBUS	1,214.85	298.99
tblVehicleEF	SBUS	1,107.33	803.65
tblVehicleEF	SBUS	51.25	7.93
tblVehicleEF	SBUS	11.08	1.05
tblVehicleEF	SBUS	4.73	0.98
tblVehicleEF	SBUS	12.86	1.79
tblVehicleEF	SBUS	0.01	2.3400e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	2.9400e-003
tblVehicleEF	SBUS	6.9900e-004	1.5500e-004
tblVehicleEF	SBUS	9.9490e-003	2.2400e-004
tblVehicleEF	SBUS	2.7010e-003	2.5300e-003
tblVehicleEF	SBUS	0.03	2.7840e-003
tblVehicleEF	SBUS	6.4300e-004	1.4300e-004
tblVehicleEF	SBUS	5.7500e-003	3.3340e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.93	0.59
tblVehicleEF	SBUS	2.7790e-003	1.9900e-003
tblVehicleEF	SBUS	0.12	0.01

tblVehicleEF	SBUS	0.01	0.11
tblVehicleEF	SBUS	0.36	0.06
tblVehicleEF	SBUS	0.01	2.8770e-003
tblVehicleEF	SBUS	0.01	7.7430e-003
tblVehicleEF	SBUS	6.2000e-004	7.9000e-005
tblVehicleEF	SBUS	5.7500e-003	3.3340e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.34	0.85
tblVehicleEF	SBUS	2.7790e-003	1.9900e-003
tblVehicleEF	SBUS	0.15	0.01
tblVehicleEF	SBUS	0.01	0.11
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	0.87	0.13
tblVehicleEF	SBUS	0.01	1.4910e-003
tblVehicleEF	SBUS	0.08	0.01
tblVehicleEF	SBUS	7.92	5.20
tblVehicleEF	SBUS	0.86	0.17
tblVehicleEF	SBUS	7.97	1.35
tblVehicleEF	SBUS	1,086.40	305.56
tblVehicleEF	SBUS	1,107.33	803.65
tblVehicleEF	SBUS	51.25	8.36
tblVehicleEF	SBUS	10.27	1.18
tblVehicleEF	SBUS	4.94	1.02
tblVehicleEF	SBUS	12.90	1.79
tblVehicleEF	SBUS	0.02	3.0500e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	2.9400e-003
tblVehicleEF	SBUS	6.9900e-004	1.5500e-004
tblVehicleEF	SBUS	0.01	2.9100e-004
tblVehicleEF	SBUS	2.7010e-003	2.5300e-003

tblVehicleEF	SBUS	0.03	2.7840e-003
tblVehicleEF	SBUS	6.4300e-004	1.4300e-004
tblVehicleEF	SBUS	3.7800e-003	2.2630e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.94	0.59
tblVehicleEF	SBUS	1.7450e-003	1.4440e-003
tblVehicleEF	SBUS	0.12	0.01
tblVehicleEF	SBUS	0.02	0.15
tblVehicleEF	SBUS	0.42	0.06
tblVehicleEF	SBUS	0.01	2.9390e-003
tblVehicleEF	SBUS	0.01	7.7430e-003
tblVehicleEF	SBUS	6.5000e-004	8.3000e-005
tblVehicleEF	SBUS	3.7800e-003	2.2630e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	1.35	0.85
tblVehicleEF	SBUS	1.7450e-003	1.4440e-003
tblVehicleEF	SBUS	0.14	0.01
tblVehicleEF	SBUS	0.02	0.15
tblVehicleEF	SBUS	0.46	0.07
tblVehicleEF	UBUS	2.67	5.27
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	11.68	41.13
tblVehicleEF	UBUS	10.54	1.81
tblVehicleEF	UBUS	1,961.22	1,973.77
tblVehicleEF	UBUS	103.09	17.62
tblVehicleEF	UBUS	9.86	0.46
tblVehicleEF	UBUS	15.22	0.20
tblVehicleEF	UBUS	0.60	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.1560e-003

tblVehicleEF	UBUS	1.0820e-003	2.1400e-004
tblVehicleEF	UBUS	0.26	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.12	3.0030e-003
tblVehicleEF	UBUS	9.9600e-004	1.9700e-004
tblVehicleEF	UBUS	5.3510e-003	8.4800e-004
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	2.9180e-003	6.5000e-004
tblVehicleEF	UBUS	0.86	0.08
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.80	0.12
tblVehicleEF	UBUS	9.8170e-003	3.2080e-003
tblVehicleEF	UBUS	1.2210e-003	1.7400e-004
tblVehicleEF	UBUS	5.3510e-003	8.4800e-004
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	2.9180e-003	6.5000e-004
tblVehicleEF	UBUS	3.63	5.39
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.87	0.13
tblVehicleEF	UBUS	2.67	5.27
tblVehicleEF	UBUS	0.05	0.03
tblVehicleEF	UBUS	11.76	41.13
tblVehicleEF	UBUS	9.15	1.61
tblVehicleEF	UBUS	1,961.22	1,973.77
tblVehicleEF	UBUS	103.09	17.27
tblVehicleEF	UBUS	9.29	0.45
tblVehicleEF	UBUS	15.16	0.19
tblVehicleEF	UBUS	0.60	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.1560e-003

tblVehicleEF	UBUS	1.0820e-003	2.1400e-004
tblVehicleEF	UBUS	0.26	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.12	3.0030e-003
tblVehicleEF	UBUS	9.9600e-004	1.9700e-004
tblVehicleEF	UBUS	8.0570e-003	1.1740e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.4190e-003	9.0400e-004
tblVehicleEF	UBUS	0.87	0.08
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.73	0.11
tblVehicleEF	UBUS	9.8180e-003	3.2080e-003
tblVehicleEF	UBUS	1.1970e-003	1.7100e-004
tblVehicleEF	UBUS	8.0570e-003	1.1740e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.4190e-003	9.0400e-004
tblVehicleEF	UBUS	3.65	5.39
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.80	0.12
tblVehicleEF	UBUS	2.67	5.27
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	11.67	41.13
tblVehicleEF	UBUS	10.75	1.85
tblVehicleEF	UBUS	1,961.22	1,973.77
tblVehicleEF	UBUS	103.09	17.69
tblVehicleEF	UBUS	9.68	0.46
tblVehicleEF	UBUS	15.23	0.20
tblVehicleEF	UBUS	0.60	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.1560e-003

tblVehicleEF	UBUS	1.0820e-003	2.1400e-004
tblVehicleEF	UBUS	0.26	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.12	3.0030e-003
tblVehicleEF	UBUS	9.9600e-004	1.9700e-004
tblVehicleEF	UBUS	5.8570e-003	8.6600e-004
tblVehicleEF	UBUS	0.10	0.01
tblVehicleEF	UBUS	3.0180e-003	6.3400e-004
tblVehicleEF	UBUS	0.86	0.08
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.81	0.12
tblVehicleEF	UBUS	9.8160e-003	3.2080e-003
tblVehicleEF	UBUS	1.2250e-003	1.7500e-004
tblVehicleEF	UBUS	5.8570e-003	8.6600e-004
tblVehicleEF	UBUS	0.10	0.01
tblVehicleEF	UBUS	3.0180e-003	6.3400e-004
tblVehicleEF	UBUS	3.63	5.39
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.89	0.13
tblVehicleTrips	ST_TR	7.16	50.77
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	5.00	0.00
tblVehicleTrips	ST_TR	10.37	0.00
tblVehicleTrips	ST_TR	21.35	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	46.36
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00

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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**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	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578
Energy	0.4174	3.6768	2.3260	0.0228		0.2884	0.2884		0.2884	0.2884		4,553.0881	4,553.0881	0.0873	0.0835	4,580.1448
Mobile	14.2335	41.7962	210.3632	0.7319	100.4184	0.4003	100.8188	26.8219	0.3769	27.1987		76,576.3410	76,576.3410	5.6465		76,717.5023

Total	154.6411	55.1501	476.1895	1.3352	100.4184	34.9621	135.3805	26.8219	34.9387	61.7605	4,177.6456	89,223.7962	93,401.4418	18.2556	0.3670	93,967.2049
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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	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578
Energy	0.4174	3.6768	2.3260	0.0228		0.2884	0.2884		0.2884	0.2884		4,553.0881	4,553.0881	0.0873	0.0835	4,580.1448
Mobile	14.2335	41.7962	210.3632	0.7319	100.4184	0.4003	100.8188	26.8219	0.3769	27.1987		76,576.3410	76,576.3410	5.6465		76,717.5023
Total	154.6411	55.1501	476.1895	1.3352	100.4184	34.9621	135.3805	26.8219	34.9387	61.7605	4,177.6456	89,223.7962	93,401.4418	18.2556	0.3670	93,967.2049

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2020	8/31/2020	5	0	
2	Site Preparation	Site Preparation	12/8/2020	12/7/2020	5	0	
3	Grading	Grading	2/2/2021	2/1/2021	5	0	
4	Building Construction	Building Construction	7/6/2021	7/5/2021	5	0	
5	Paving	Paving	10/7/2025	10/6/2025	5	0	
6	Architectural Coating	Architectural Coating	1/20/2026	1/19/2026	5	0	

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; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	8.00	132	0.36
Paving	Rollers	0	8.00	80	0.38
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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

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	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

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					

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

Mitigated Construction On-Site

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

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
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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
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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	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

3.6 Paving - 2025

Unmitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

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					

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000

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
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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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Category	lb/day										lb/day					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated	14.2335	41.7962	210.3632	0.7319	100.4184	0.4003	100.8188	26.8219	0.3769	27.1987	76,576.34	10	76,576.341	5.6465	0	76,717.50
Unmitigated	14.2335	41.7962	210.3632	0.7319	100.4184	0.4003	100.8188	26.8219	0.3769	27.1987	76,576.34	10	76,576.341	5.6465	0	76,717.50

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	12,656.28	13,860.21	12656.28	43,836,147	43,836,147
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Mobile Home Park	0.00	0.00	0.00		
Place of Worship	0.00	0.00	0.00		
Racquet Club	0.00	0.00	0.00		

Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	12,656.28	13,860.21	12,656.28	43,836,147	43,836,147

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Mobile Home Park	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Place of Worship	16.60	8.40	6.90	0.00	95.00	5.00	64	25	11
Racquet Club	16.60	8.40	6.90	11.50	69.50	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
General Light Industry	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
General Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Mobile Home Park	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Place of Worship	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Racquet Club	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Regional Shopping Center	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Single Family Housing	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

5.0 Energy Detail

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	0.4174	3.6768	2.3260	0.0228		0.2884	0.2884		0.2884	0.2884		4,553.0881	4,553.0881	0.0873	0.0835	4,580.1448
NaturalGas Unmitigated	0.4174	3.6768	2.3260	0.0228		0.2884	0.2884		0.2884	0.2884		4,553.0881	4,553.0881	0.0873	0.0835	4,580.1448

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					
Apartments Low Rise	9543.47	0.1029	0.8795	0.3743	5.6100e-003		0.0711	0.0711		0.0711	0.0711		1,122.7617	1,122.7617	0.0215	0.0206	1,129.4337
General Light Industry	7886.4	0.0851	0.7732	0.6495	4.6400e-003		0.0588	0.0588		0.0588	0.0588		927.8118	927.8118	0.0178	0.0170	933.3253
General Office Building	1432.03	0.0154	0.1404	0.1179	8.4000e-004		0.0107	0.0107		0.0107	0.0107		168.4736	168.4736	3.2300e-003	3.0900e-003	169.4747
Mobile Home Park	9501.11	0.1025	0.8756	0.3726	5.5900e-003		0.0708	0.0708		0.0708	0.0708		1,117.7778	1,117.7778	0.0214	0.0205	1,124.4202
Place of Worship	2673.48	0.0288	0.2621	0.2202	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.5273	314.5273	6.0300e-003	5.7700e-003	316.3964
Racquet Club	5800.47	0.0626	0.5687	0.4777	3.4100e-003		0.0432	0.0432		0.0432	0.0432		682.4077	682.4077	0.0131	0.0125	686.4629
Regional Shopping Center	945.211	0.0102	0.0927	0.0778	5.6000e-004		7.0400e-003	7.0400e-003		7.0400e-003	7.0400e-003		111.2013	111.2013	2.1300e-003	2.0400e-003	111.8621
Single Family Housing	919.079	9.9100e-003	0.0847	0.0360	5.4000e-004		6.8500e-003	6.8500e-003		6.8500e-003	6.8500e-003		108.1269	108.1269	2.0700e-003	1.9800e-003	108.7695
Total		0.4174	3.6768	2.3260	0.0228		0.2884	0.2884		0.2884	0.2884		4,553.0881	4,553.0881	0.0873	0.0835	4,580.1448

Mitigated	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578
Unmitigated	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578

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	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	19.8754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	116.8681	9.2538	226.8141	0.5786		34.0692	34.0692		34.0692	34.0692	4,177.6456	8,028.0000	12,205.6456	12.4586	0.2836	12,601.6069
Landscaping	1.1005	0.4233	36.6862	1.9500e-003		0.2042	0.2042		0.2042	0.2042		66.3671	66.3671	0.0634		67.9510
Total	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578

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	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	19.8754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	116.8681	9.2538	226.8141	0.5786		34.0692	34.0692		34.0692	34.0692	4,177.6456	8,028.0000	12,205.6456	12.4586	0.2836	12,601.6069

Landscaping	1.1005	0.4233	36.6862	1.9500e-003		0.2042	0.2042		0.2042	0.2042		66.3671	66.3671	0.0634		67.9510
Total	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Doheny Village Zoning District Update - Existing Operational 2045 - South Coast AQMD Air District, Winter

Doheny Village Zoning District Update - Existing Operational 2045
South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	57.19	1000sqft	1.31	57,187.00	0
Place of Worship	46.69	1000sqft	1.07	46,690.00	0
General Light Industry	137.73	1000sqft	3.16	137,729.00	0
Racquet Club	101.30	1000sqft	2.33	101,300.00	0
Apartments Low Rise	273.00	Dwelling Unit	17.06	273,000.00	781
Mobile Home Park	160.00	Dwelling Unit	20.16	192,000.00	458
Single Family Housing	13.00	Dwelling Unit	4.22	23,400.00	37
Regional Shopping Center	172.50	1000sqft	3.96	172,501.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	8	Operational Year		2045	
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - No construction - only operational emissions. SB100 - 100% renewable by 2045.

Land Use - Existing Development

Construction Phase - Operational Emissions only.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Off-road Equipment - No construction equipment.

Trips and VMT - No construction.

Grading -

Architectural Coating - operational emissions only.

Vehicle Trips - Traffic Study Table 5-2, existing uses = 12,656 trips daily & 13,381 on Saturdays. All trips were put on a single land use.

Vehicle Emission Factors - EMFAC2017 Orange County 2045

Vehicle Emission Factors - EMFAC2017 Orange County 2045

Vehicle Emission Factors - EMFAC2017 Orange County 2045

Energy Use -

Waste Mitigation - AB 341

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	257,704.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	773,111.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	329,670.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	989,010.00	0.00
tblConstructionPhase	NumDays	75.00	0.00
tblConstructionPhase	NumDays	1,110.00	0.00
tblConstructionPhase	NumDays	70.00	0.00
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	75.00	0.00
tblConstructionPhase	NumDays	40.00	0.00
tblLandUse	LandUseSquareFeet	57,190.00	57,187.00
tblLandUse	LandUseSquareFeet	137,730.00	137,729.00
tblLandUse	LandUseSquareFeet	172,500.00	172,501.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	VendorTripNumber	132.00	0.00
tblTripsAndVMT	WorkerTripNumber	510.00	0.00
tblTripsAndVMT	WorkerTripNumber	102.00	0.00
tblVehicleEF	HHD	0.79	0.03
tblVehicleEF	HHD	0.09	0.16
tblVehicleEF	HHD	0.10	1.0000e-006
tblVehicleEF	HHD	2.84	6.31
tblVehicleEF	HHD	0.97	0.78

tblVehicleEF	HHD	3.01	0.01
tblVehicleEF	HHD	4,996.97	807.67
tblVehicleEF	HHD	1,628.15	1,026.59
tblVehicleEF	HHD	9.28	0.10
tblVehicleEF	HHD	23.50	5.08
tblVehicleEF	HHD	4.18	1.99
tblVehicleEF	HHD	19.76	2.49
tblVehicleEF	HHD	0.02	1.8810e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.02	1.8000e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8180e-003	8.7540e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.4000e-005	1.0000e-006
tblVehicleEF	HHD	1.1500e-004	4.0000e-006
tblVehicleEF	HHD	4.9020e-003	1.4500e-004
tblVehicleEF	HHD	0.71	0.41
tblVehicleEF	HHD	8.1000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.02
tblVehicleEF	HHD	4.1000e-004	7.2000e-004
tblVehicleEF	HHD	0.09	3.0000e-006
tblVehicleEF	HHD	0.05	7.2940e-003
tblVehicleEF	HHD	0.02	8.7450e-003
tblVehicleEF	HHD	1.4300e-004	1.0000e-006
tblVehicleEF	HHD	1.1500e-004	4.0000e-006
tblVehicleEF	HHD	4.9020e-003	1.4500e-004
tblVehicleEF	HHD	0.83	0.48

tblVehicleEF	HHD	8.1000e-005	3.0000e-006
tblVehicleEF	HHD	0.23	0.18
tblVehicleEF	HHD	4.1000e-004	7.2000e-004
tblVehicleEF	HHD	0.10	3.0000e-006
tblVehicleEF	HHD	0.74	0.03
tblVehicleEF	HHD	0.09	0.16
tblVehicleEF	HHD	0.10	1.0000e-006
tblVehicleEF	HHD	2.07	6.23
tblVehicleEF	HHD	0.98	0.78
tblVehicleEF	HHD	2.86	0.01
tblVehicleEF	HHD	5,290.94	797.28
tblVehicleEF	HHD	1,628.15	1,026.59
tblVehicleEF	HHD	9.28	0.10
tblVehicleEF	HHD	24.25	4.83
tblVehicleEF	HHD	3.95	1.89
tblVehicleEF	HHD	19.75	2.49
tblVehicleEF	HHD	0.02	1.6690e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	1.0000e-006
tblVehicleEF	HHD	0.02	1.5970e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8180e-003	8.7540e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.4000e-005	1.0000e-006
tblVehicleEF	HHD	1.8700e-004	5.0000e-006
tblVehicleEF	HHD	5.1310e-003	1.4800e-004
tblVehicleEF	HHD	0.67	0.43
tblVehicleEF	HHD	1.2800e-004	4.0000e-006

tblVehicleEF	HHD	0.13	0.02
tblVehicleEF	HHD	4.0400e-004	6.8900e-004
tblVehicleEF	HHD	0.09	3.0000e-006
tblVehicleEF	HHD	0.05	7.2000e-003
tblVehicleEF	HHD	0.02	8.7450e-003
tblVehicleEF	HHD	1.4000e-004	1.0000e-006
tblVehicleEF	HHD	1.8700e-004	5.0000e-006
tblVehicleEF	HHD	5.1310e-003	1.4800e-004
tblVehicleEF	HHD	0.78	0.51
tblVehicleEF	HHD	1.2800e-004	4.0000e-006
tblVehicleEF	HHD	0.23	0.18
tblVehicleEF	HHD	4.0400e-004	6.8900e-004
tblVehicleEF	HHD	0.09	3.0000e-006
tblVehicleEF	HHD	0.85	0.03
tblVehicleEF	HHD	0.09	0.16
tblVehicleEF	HHD	0.10	1.0000e-006
tblVehicleEF	HHD	3.90	6.42
tblVehicleEF	HHD	0.97	0.78
tblVehicleEF	HHD	3.03	0.01
tblVehicleEF	HHD	4,591.00	822.02
tblVehicleEF	HHD	1,628.15	1,026.59
tblVehicleEF	HHD	9.28	0.10
tblVehicleEF	HHD	22.47	5.43
tblVehicleEF	HHD	4.12	1.96
tblVehicleEF	HHD	19.77	2.49
tblVehicleEF	HHD	0.02	2.1750e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	9.1000e-005	1.0000e-006

tblVehicleEF	HHD	0.02	2.0810e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8180e-003	8.7540e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	8.4000e-005	1.0000e-006
tblVehicleEF	HHD	1.1100e-004	3.0000e-006
tblVehicleEF	HHD	5.3910e-003	1.5100e-004
tblVehicleEF	HHD	0.77	0.38
tblVehicleEF	HHD	7.8000e-005	3.0000e-006
tblVehicleEF	HHD	0.13	0.02
tblVehicleEF	HHD	4.4100e-004	7.9200e-004
tblVehicleEF	HHD	0.09	3.0000e-006
tblVehicleEF	HHD	0.04	7.4240e-003
tblVehicleEF	HHD	0.02	8.7450e-003
tblVehicleEF	HHD	1.4300e-004	1.0000e-006
tblVehicleEF	HHD	1.1100e-004	3.0000e-006
tblVehicleEF	HHD	5.3910e-003	1.5100e-004
tblVehicleEF	HHD	0.89	0.44
tblVehicleEF	HHD	7.8000e-005	3.0000e-006
tblVehicleEF	HHD	0.23	0.18
tblVehicleEF	HHD	4.4100e-004	7.9200e-004
tblVehicleEF	HHD	0.10	3.0000e-006
tblVehicleEF	LDA	5.7670e-003	6.1200e-004
tblVehicleEF	LDA	6.7280e-003	0.02
tblVehicleEF	LDA	0.70	0.37
tblVehicleEF	LDA	1.35	1.24
tblVehicleEF	LDA	285.93	182.00
tblVehicleEF	LDA	61.04	35.91
tblVehicleEF	LDA	0.06	0.02
tblVehicleEF	LDA	0.09	0.10

tblVehicleEF	LDA	2.0980e-003	5.2300e-004
tblVehicleEF	LDA	2.3260e-003	6.3700e-004
tblVehicleEF	LDA	1.9350e-003	4.8100e-004
tblVehicleEF	LDA	2.1390e-003	5.8600e-004
tblVehicleEF	LDA	0.05	0.01
tblVehicleEF	LDA	0.11	0.03
tblVehicleEF	LDA	0.04	0.02
tblVehicleEF	LDA	0.01	1.7140e-003
tblVehicleEF	LDA	0.04	0.13
tblVehicleEF	LDA	0.09	0.06
tblVehicleEF	LDA	2.8650e-003	1.8000e-003
tblVehicleEF	LDA	6.3400e-004	3.5500e-004
tblVehicleEF	LDA	0.05	0.01
tblVehicleEF	LDA	0.11	0.03
tblVehicleEF	LDA	0.04	0.02
tblVehicleEF	LDA	0.02	2.4820e-003
tblVehicleEF	LDA	0.04	0.13
tblVehicleEF	LDA	0.10	0.06
tblVehicleEF	LDA	6.1740e-003	6.5400e-004
tblVehicleEF	LDA	5.9600e-003	0.01
tblVehicleEF	LDA	0.79	0.40
tblVehicleEF	LDA	1.16	1.08
tblVehicleEF	LDA	301.22	189.44
tblVehicleEF	LDA	61.04	35.63
tblVehicleEF	LDA	0.05	0.01
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	2.0980e-003	5.2300e-004
tblVehicleEF	LDA	2.3260e-003	6.3700e-004
tblVehicleEF	LDA	1.9350e-003	4.8100e-004
tblVehicleEF	LDA	2.1390e-003	5.8600e-004

tblVehicleEF	LDA	0.08	0.02
tblVehicleEF	LDA	0.12	0.03
tblVehicleEF	LDA	0.06	0.02
tblVehicleEF	LDA	0.02	1.8110e-003
tblVehicleEF	LDA	0.04	0.12
tblVehicleEF	LDA	0.08	0.05
tblVehicleEF	LDA	3.0180e-003	1.8740e-003
tblVehicleEF	LDA	6.3000e-004	3.5300e-004
tblVehicleEF	LDA	0.08	0.02
tblVehicleEF	LDA	0.12	0.03
tblVehicleEF	LDA	0.06	0.02
tblVehicleEF	LDA	0.02	2.6230e-003
tblVehicleEF	LDA	0.04	0.12
tblVehicleEF	LDA	0.09	0.06
tblVehicleEF	LDA	5.6430e-003	5.9900e-004
tblVehicleEF	LDA	6.8850e-003	0.02
tblVehicleEF	LDA	0.68	0.36
tblVehicleEF	LDA	1.39	1.28
tblVehicleEF	LDA	280.96	179.26
tblVehicleEF	LDA	61.04	35.97
tblVehicleEF	LDA	0.06	0.01
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	2.0980e-003	5.2300e-004
tblVehicleEF	LDA	2.3260e-003	6.3700e-004
tblVehicleEF	LDA	1.9350e-003	4.8100e-004
tblVehicleEF	LDA	2.1390e-003	5.8600e-004
tblVehicleEF	LDA	0.04	0.01
tblVehicleEF	LDA	0.12	0.03
tblVehicleEF	LDA	0.04	0.02
tblVehicleEF	LDA	0.01	1.6810e-003

tblVehicleEF	LDA	0.05	0.16
tblVehicleEF	LDA	0.09	0.06
tblVehicleEF	LDA	2.8140e-003	1.7730e-003
tblVehicleEF	LDA	6.3400e-004	3.5600e-004
tblVehicleEF	LDA	0.04	0.01
tblVehicleEF	LDA	0.12	0.03
tblVehicleEF	LDA	0.04	0.02
tblVehicleEF	LDA	0.02	2.4340e-003
tblVehicleEF	LDA	0.05	0.16
tblVehicleEF	LDA	0.10	0.06
tblVehicleEF	LDT1	0.02	6.9200e-004
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	1.80	0.39
tblVehicleEF	LDT1	3.42	1.33
tblVehicleEF	LDT1	349.05	217.01
tblVehicleEF	LDT1	73.37	43.51
tblVehicleEF	LDT1	0.17	0.02
tblVehicleEF	LDT1	0.20	0.12
tblVehicleEF	LDT1	3.4770e-003	5.8600e-004
tblVehicleEF	LDT1	3.7420e-003	7.3300e-004
tblVehicleEF	LDT1	3.2020e-003	5.3900e-004
tblVehicleEF	LDT1	3.4420e-003	6.7400e-004
tblVehicleEF	LDT1	0.15	0.03
tblVehicleEF	LDT1	0.31	0.05
tblVehicleEF	LDT1	0.12	0.03
tblVehicleEF	LDT1	0.04	1.9300e-003
tblVehicleEF	LDT1	0.19	0.18
tblVehicleEF	LDT1	0.24	0.07
tblVehicleEF	LDT1	3.5140e-003	2.1470e-003
tblVehicleEF	LDT1	7.9400e-004	4.3100e-004

tblVehicleEF	LDT1	0.15	0.03
tblVehicleEF	LDT1	0.31	0.05
tblVehicleEF	LDT1	0.12	0.03
tblVehicleEF	LDT1	0.06	2.8160e-003
tblVehicleEF	LDT1	0.19	0.18
tblVehicleEF	LDT1	0.26	0.07
tblVehicleEF	LDT1	0.02	7.3900e-004
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	1.98	0.42
tblVehicleEF	LDT1	2.92	1.15
tblVehicleEF	LDT1	366.41	224.53
tblVehicleEF	LDT1	73.37	43.20
tblVehicleEF	LDT1	0.15	0.02
tblVehicleEF	LDT1	0.19	0.11
tblVehicleEF	LDT1	3.4770e-003	5.8600e-004
tblVehicleEF	LDT1	3.7420e-003	7.3300e-004
tblVehicleEF	LDT1	3.2020e-003	5.3900e-004
tblVehicleEF	LDT1	3.4420e-003	6.7400e-004
tblVehicleEF	LDT1	0.25	0.04
tblVehicleEF	LDT1	0.33	0.05
tblVehicleEF	LDT1	0.18	0.04
tblVehicleEF	LDT1	0.04	2.0400e-003
tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.21	0.06
tblVehicleEF	LDT1	3.6900e-003	2.2220e-003
tblVehicleEF	LDT1	7.8500e-004	4.2800e-004
tblVehicleEF	LDT1	0.25	0.04
tblVehicleEF	LDT1	0.33	0.05
tblVehicleEF	LDT1	0.18	0.04
tblVehicleEF	LDT1	0.06	2.9770e-003

tblVehicleEF	LDT1	0.18	0.17
tblVehicleEF	LDT1	0.23	0.07
tblVehicleEF	LDT1	0.02	6.7800e-004
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	1.74	0.38
tblVehicleEF	LDT1	3.52	1.37
tblVehicleEF	LDT1	343.27	214.23
tblVehicleEF	LDT1	73.37	43.57
tblVehicleEF	LDT1	0.17	0.02
tblVehicleEF	LDT1	0.20	0.12
tblVehicleEF	LDT1	3.4770e-003	5.8600e-004
tblVehicleEF	LDT1	3.7420e-003	7.3300e-004
tblVehicleEF	LDT1	3.2020e-003	5.3900e-004
tblVehicleEF	LDT1	3.4420e-003	6.7400e-004
tblVehicleEF	LDT1	0.15	0.02
tblVehicleEF	LDT1	0.35	0.05
tblVehicleEF	LDT1	0.11	0.03
tblVehicleEF	LDT1	0.04	1.8930e-003
tblVehicleEF	LDT1	0.22	0.21
tblVehicleEF	LDT1	0.25	0.07
tblVehicleEF	LDT1	3.4550e-003	2.1200e-003
tblVehicleEF	LDT1	7.9600e-004	4.3100e-004
tblVehicleEF	LDT1	0.15	0.02
tblVehicleEF	LDT1	0.35	0.05
tblVehicleEF	LDT1	0.11	0.03
tblVehicleEF	LDT1	0.06	2.7620e-003
tblVehicleEF	LDT1	0.22	0.21
tblVehicleEF	LDT1	0.27	0.07
tblVehicleEF	LDT2	7.6900e-003	8.8500e-004
tblVehicleEF	LDT2	8.1990e-003	0.02

tblVehicleEF	LDT2	0.91	0.44
tblVehicleEF	LDT2	1.67	1.68
tblVehicleEF	LDT2	394.91	216.05
tblVehicleEF	LDT2	83.55	43.27
tblVehicleEF	LDT2	0.09	0.02
tblVehicleEF	LDT2	0.14	0.11
tblVehicleEF	LDT2	1.9980e-003	5.9500e-004
tblVehicleEF	LDT2	2.3150e-003	6.7000e-004
tblVehicleEF	LDT2	1.8380e-003	5.4900e-004
tblVehicleEF	LDT2	2.1290e-003	6.1600e-004
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.12	0.04
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.02	2.6890e-003
tblVehicleEF	LDT2	0.07	0.17
tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	3.9570e-003	2.1370e-003
tblVehicleEF	LDT2	8.6400e-004	4.2800e-004
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.12	0.04
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.03	3.8700e-003
tblVehicleEF	LDT2	0.07	0.17
tblVehicleEF	LDT2	0.12	0.09
tblVehicleEF	LDT2	8.2220e-003	9.4300e-004
tblVehicleEF	LDT2	7.2690e-003	0.02
tblVehicleEF	LDT2	1.01	0.48
tblVehicleEF	LDT2	1.43	1.45
tblVehicleEF	LDT2	415.27	222.84
tblVehicleEF	LDT2	83.55	42.88

tblVehicleEF	LDT2	0.08	0.01
tblVehicleEF	LDT2	0.13	0.10
tblVehicleEF	LDT2	1.9980e-003	5.9500e-004
tblVehicleEF	LDT2	2.3150e-003	6.7000e-004
tblVehicleEF	LDT2	1.8380e-003	5.4900e-004
tblVehicleEF	LDT2	2.1290e-003	6.1600e-004
tblVehicleEF	LDT2	0.09	0.04
tblVehicleEF	LDT2	0.13	0.04
tblVehicleEF	LDT2	0.08	0.05
tblVehicleEF	LDT2	0.02	2.8340e-003
tblVehicleEF	LDT2	0.06	0.15
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	4.1620e-003	2.2040e-003
tblVehicleEF	LDT2	8.6000e-004	4.2400e-004
tblVehicleEF	LDT2	0.09	0.04
tblVehicleEF	LDT2	0.13	0.04
tblVehicleEF	LDT2	0.08	0.05
tblVehicleEF	LDT2	0.03	4.0810e-003
tblVehicleEF	LDT2	0.06	0.15
tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	7.5270e-003	8.6600e-004
tblVehicleEF	LDT2	8.3890e-003	0.02
tblVehicleEF	LDT2	0.88	0.43
tblVehicleEF	LDT2	1.71	1.73
tblVehicleEF	LDT2	388.14	213.55
tblVehicleEF	LDT2	83.55	43.35
tblVehicleEF	LDT2	0.09	0.02
tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	1.9980e-003	5.9500e-004
tblVehicleEF	LDT2	2.3150e-003	6.7000e-004

tblVehicleEF	LDT2	1.8380e-003	5.4900e-004
tblVehicleEF	LDT2	2.1290e-003	6.1600e-004
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.13	0.04
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.02	2.6410e-003
tblVehicleEF	LDT2	0.08	0.20
tblVehicleEF	LDT2	0.11	0.09
tblVehicleEF	LDT2	3.8890e-003	2.1120e-003
tblVehicleEF	LDT2	8.6500e-004	4.2900e-004
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.13	0.04
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.03	3.7990e-003
tblVehicleEF	LDT2	0.08	0.20
tblVehicleEF	LDT2	0.12	0.09
tblVehicleEF	LHD1	6.1690e-003	3.1040e-003
tblVehicleEF	LHD1	0.01	1.4400e-003
tblVehicleEF	LHD1	0.02	4.7090e-003
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.01	0.15
tblVehicleEF	LHD1	3.02	0.67
tblVehicleEF	LHD1	8.99	7.51
tblVehicleEF	LHD1	619.19	498.64
tblVehicleEF	LHD1	34.59	7.75
tblVehicleEF	LHD1	0.07	0.04
tblVehicleEF	LHD1	1.42	0.08
tblVehicleEF	LHD1	1.10	0.15
tblVehicleEF	LHD1	8.3800e-004	1.0980e-003
tblVehicleEF	LHD1	9.9390e-003	0.01

tblVehicleEF	LHD1	0.01	3.4640e-003
tblVehicleEF	LHD1	1.1010e-003	1.6300e-004
tblVehicleEF	LHD1	8.0200e-004	1.0510e-003
tblVehicleEF	LHD1	2.4850e-003	2.5370e-003
tblVehicleEF	LHD1	0.01	3.2940e-003
tblVehicleEF	LHD1	1.0140e-003	1.5000e-004
tblVehicleEF	LHD1	3.4450e-003	9.1700e-004
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.9730e-003	7.4900e-004
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.32	0.13
tblVehicleEF	LHD1	0.31	0.02
tblVehicleEF	LHD1	9.1000e-005	7.2000e-005
tblVehicleEF	LHD1	6.0900e-003	4.8450e-003
tblVehicleEF	LHD1	4.0300e-004	7.7000e-005
tblVehicleEF	LHD1	3.4450e-003	9.1700e-004
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	1.9730e-003	7.4900e-004
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.32	0.13
tblVehicleEF	LHD1	0.34	0.02
tblVehicleEF	LHD1	6.1690e-003	3.1100e-003
tblVehicleEF	LHD1	0.01	1.4510e-003
tblVehicleEF	LHD1	0.02	4.5620e-003
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.03	0.15
tblVehicleEF	LHD1	2.88	0.64
tblVehicleEF	LHD1	8.99	7.51

tblVehicleEF	LHD1	619.19	498.65
tblVehicleEF	LHD1	34.59	7.70
tblVehicleEF	LHD1	0.07	0.04
tblVehicleEF	LHD1	1.33	0.08
tblVehicleEF	LHD1	1.05	0.14
tblVehicleEF	LHD1	8.3800e-004	1.0980e-003
tblVehicleEF	LHD1	9.9390e-003	0.01
tblVehicleEF	LHD1	0.01	3.4640e-003
tblVehicleEF	LHD1	1.1010e-003	1.6300e-004
tblVehicleEF	LHD1	8.0200e-004	1.0510e-003
tblVehicleEF	LHD1	2.4850e-003	2.5370e-003
tblVehicleEF	LHD1	0.01	3.2940e-003
tblVehicleEF	LHD1	1.0140e-003	1.5000e-004
tblVehicleEF	LHD1	5.3890e-003	1.2910e-003
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	2.9990e-003	9.9700e-004
tblVehicleEF	LHD1	0.08	0.02
tblVehicleEF	LHD1	0.31	0.13
tblVehicleEF	LHD1	0.29	0.02
tblVehicleEF	LHD1	9.1000e-005	7.2000e-005
tblVehicleEF	LHD1	6.0900e-003	4.8450e-003
tblVehicleEF	LHD1	4.0000e-004	7.6000e-005
tblVehicleEF	LHD1	5.3890e-003	1.2910e-003
tblVehicleEF	LHD1	0.11	0.03
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.9990e-003	9.9700e-004
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	0.31	0.13
tblVehicleEF	LHD1	0.32	0.02

tblVehicleEF	LHD1	6.1690e-003	3.1030e-003
tblVehicleEF	LHD1	0.01	1.4380e-003
tblVehicleEF	LHD1	0.02	4.7390e-003
tblVehicleEF	LHD1	0.16	0.16
tblVehicleEF	LHD1	1.01	0.15
tblVehicleEF	LHD1	3.03	0.67
tblVehicleEF	LHD1	8.99	7.51
tblVehicleEF	LHD1	619.19	498.64
tblVehicleEF	LHD1	34.59	7.75
tblVehicleEF	LHD1	0.07	0.04
tblVehicleEF	LHD1	1.39	0.08
tblVehicleEF	LHD1	1.11	0.15
tblVehicleEF	LHD1	8.3800e-004	1.0980e-003
tblVehicleEF	LHD1	9.9390e-003	0.01
tblVehicleEF	LHD1	0.01	3.4640e-003
tblVehicleEF	LHD1	1.1010e-003	1.6300e-004
tblVehicleEF	LHD1	8.0200e-004	1.0510e-003
tblVehicleEF	LHD1	2.4850e-003	2.5370e-003
tblVehicleEF	LHD1	0.01	3.2940e-003
tblVehicleEF	LHD1	1.0140e-003	1.5000e-004
tblVehicleEF	LHD1	3.5410e-003	8.5300e-004
tblVehicleEF	LHD1	0.12	0.03
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	1.9440e-003	7.3100e-004
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.34	0.15
tblVehicleEF	LHD1	0.31	0.02
tblVehicleEF	LHD1	9.1000e-005	7.2000e-005
tblVehicleEF	LHD1	6.0900e-003	4.8450e-003
tblVehicleEF	LHD1	4.0300e-004	7.7000e-005

tblVehicleEF	LHD1	3.5410e-003	8.5300e-004
tblVehicleEF	LHD1	0.12	0.03
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	1.9440e-003	7.3100e-004
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.34	0.15
tblVehicleEF	LHD1	0.34	0.02
tblVehicleEF	LHD2	4.5150e-003	2.0890e-003
tblVehicleEF	LHD2	5.5780e-003	1.6080e-003
tblVehicleEF	LHD2	0.01	2.8370e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.46	0.17
tblVehicleEF	LHD2	1.57	0.42
tblVehicleEF	LHD2	13.71	11.77
tblVehicleEF	LHD2	630.24	505.82
tblVehicleEF	LHD2	29.03	5.53
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.08	0.11
tblVehicleEF	LHD2	0.65	0.09
tblVehicleEF	LHD2	1.2060e-003	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.4130e-003
tblVehicleEF	LHD2	5.2400e-004	1.0100e-004
tblVehicleEF	LHD2	1.1530e-003	1.4420e-003
tblVehicleEF	LHD2	2.6390e-003	2.7200e-003
tblVehicleEF	LHD2	0.01	8.9940e-003
tblVehicleEF	LHD2	4.8200e-004	9.3000e-005
tblVehicleEF	LHD2	1.4360e-003	5.9500e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.01

tblVehicleEF	LHD2	8.6600e-004	4.8700e-004
tblVehicleEF	LHD2	0.05	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.15	0.01
tblVehicleEF	LHD2	1.3400e-004	1.1200e-004
tblVehicleEF	LHD2	6.1460e-003	4.8730e-003
tblVehicleEF	LHD2	3.1900e-004	5.5000e-005
tblVehicleEF	LHD2	1.4360e-003	5.9500e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.6600e-004	4.8700e-004
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.16	0.01
tblVehicleEF	LHD2	4.5150e-003	2.0930e-003
tblVehicleEF	LHD2	5.6580e-003	1.6140e-003
tblVehicleEF	LHD2	0.01	2.7490e-003
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tblVehicleEF	LHD2	0.47	0.17
tblVehicleEF	LHD2	1.50	0.40
tblVehicleEF	LHD2	13.71	11.77
tblVehicleEF	LHD2	630.24	505.82
tblVehicleEF	LHD2	29.03	5.50
tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.02	0.11
tblVehicleEF	LHD2	0.62	0.09
tblVehicleEF	LHD2	1.2060e-003	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.4130e-003
tblVehicleEF	LHD2	5.2400e-004	1.0100e-004

tblVehicleEF	LHD2	1.1530e-003	1.4420e-003
tblVehicleEF	LHD2	2.6390e-003	2.7200e-003
tblVehicleEF	LHD2	0.01	8.9940e-003
tblVehicleEF	LHD2	4.8200e-004	9.3000e-005
tblVehicleEF	LHD2	2.2360e-003	8.3700e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	1.3010e-003	6.4700e-004
tblVehicleEF	LHD2	0.05	0.03
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.14	0.01
tblVehicleEF	LHD2	1.3400e-004	1.1200e-004
tblVehicleEF	LHD2	6.1470e-003	4.8730e-003
tblVehicleEF	LHD2	3.1800e-004	5.4000e-005
tblVehicleEF	LHD2	2.2360e-003	8.3700e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.3010e-003	6.4700e-004
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	0.10	0.08
tblVehicleEF	LHD2	0.16	0.01
tblVehicleEF	LHD2	4.5150e-003	2.0880e-003
tblVehicleEF	LHD2	5.5580e-003	1.6070e-003
tblVehicleEF	LHD2	0.01	2.8550e-003
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tblVehicleEF	LHD2	0.46	0.17
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tblVehicleEF	LHD2	13.71	11.77
tblVehicleEF	LHD2	630.24	505.82
tblVehicleEF	LHD2	29.03	5.53

tblVehicleEF	LHD2	0.10	0.05
tblVehicleEF	LHD2	1.06	0.11
tblVehicleEF	LHD2	0.65	0.09
tblVehicleEF	LHD2	1.2060e-003	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.4130e-003
tblVehicleEF	LHD2	5.2400e-004	1.0100e-004
tblVehicleEF	LHD2	1.1530e-003	1.4420e-003
tblVehicleEF	LHD2	2.6390e-003	2.7200e-003
tblVehicleEF	LHD2	0.01	8.9940e-003
tblVehicleEF	LHD2	4.8200e-004	9.3000e-005
tblVehicleEF	LHD2	1.4330e-003	5.5200e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.01
tblVehicleEF	LHD2	8.3800e-004	4.7500e-004
tblVehicleEF	LHD2	0.05	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.15	0.01
tblVehicleEF	LHD2	1.3400e-004	1.1200e-004
tblVehicleEF	LHD2	6.1460e-003	4.8730e-003
tblVehicleEF	LHD2	3.2000e-004	5.5000e-005
tblVehicleEF	LHD2	1.4330e-003	5.5200e-004
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.3800e-004	4.7500e-004
tblVehicleEF	LHD2	0.06	0.03
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	0.16	0.01
tblVehicleEF	MCY	0.50	0.34
tblVehicleEF	MCY	0.15	0.22

tblVehicleEF	MCY	19.39	16.84
tblVehicleEF	MCY	9.61	8.73
tblVehicleEF	MCY	181.38	214.11
tblVehicleEF	MCY	45.65	56.50
tblVehicleEF	MCY	1.13	1.11
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.1550e-003	2.4740e-003
tblVehicleEF	MCY	3.9350e-003	2.9710e-003
tblVehicleEF	MCY	2.0160e-003	2.3070e-003
tblVehicleEF	MCY	3.7130e-003	2.7710e-003
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.70	0.67
tblVehicleEF	MCY	0.71	0.71
tblVehicleEF	MCY	2.50	2.27
tblVehicleEF	MCY	0.64	1.20
tblVehicleEF	MCY	2.08	1.72
tblVehicleEF	MCY	2.2050e-003	2.1190e-003
tblVehicleEF	MCY	6.7500e-004	5.5900e-004
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.70	0.67
tblVehicleEF	MCY	0.71	0.71
tblVehicleEF	MCY	3.09	2.85
tblVehicleEF	MCY	0.64	1.20
tblVehicleEF	MCY	2.26	1.87
tblVehicleEF	MCY	0.49	0.33
tblVehicleEF	MCY	0.14	0.20
tblVehicleEF	MCY	18.88	16.30
tblVehicleEF	MCY	8.86	7.93
tblVehicleEF	MCY	181.38	213.11
tblVehicleEF	MCY	45.65	54.69

tblVehicleEF	MCY	0.99	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.1550e-003	2.4740e-003
tblVehicleEF	MCY	3.9350e-003	2.9710e-003
tblVehicleEF	MCY	2.0160e-003	2.3070e-003
tblVehicleEF	MCY	3.7130e-003	2.7710e-003
tblVehicleEF	MCY	1.99	1.81
tblVehicleEF	MCY	0.81	0.73
tblVehicleEF	MCY	1.26	1.10
tblVehicleEF	MCY	2.44	2.23
tblVehicleEF	MCY	0.61	1.10
tblVehicleEF	MCY	1.85	1.55
tblVehicleEF	MCY	2.1950e-003	2.1090e-003
tblVehicleEF	MCY	6.5600e-004	5.4100e-004
tblVehicleEF	MCY	1.99	1.81
tblVehicleEF	MCY	0.81	0.73
tblVehicleEF	MCY	1.26	1.10
tblVehicleEF	MCY	3.02	2.80
tblVehicleEF	MCY	0.61	1.10
tblVehicleEF	MCY	2.01	1.69
tblVehicleEF	MCY	0.50	0.34
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	19.41	16.92
tblVehicleEF	MCY	9.70	8.87
tblVehicleEF	MCY	181.38	214.26
tblVehicleEF	MCY	45.65	56.83
tblVehicleEF	MCY	1.11	1.08
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.1550e-003	2.4740e-003
tblVehicleEF	MCY	3.9350e-003	2.9710e-003

tblVehicleEF	MCY	2.0160e-003	2.3070e-003
tblVehicleEF	MCY	3.7130e-003	2.7710e-003
tblVehicleEF	MCY	1.27	1.33
tblVehicleEF	MCY	0.90	0.84
tblVehicleEF	MCY	0.68	0.73
tblVehicleEF	MCY	2.51	2.28
tblVehicleEF	MCY	0.73	1.43
tblVehicleEF	MCY	2.11	1.75
tblVehicleEF	MCY	2.2060e-003	2.1200e-003
tblVehicleEF	MCY	6.7700e-004	5.6200e-004
tblVehicleEF	MCY	1.27	1.33
tblVehicleEF	MCY	0.90	0.84
tblVehicleEF	MCY	0.68	0.73
tblVehicleEF	MCY	3.10	2.86
tblVehicleEF	MCY	0.73	1.43
tblVehicleEF	MCY	2.30	1.91
tblVehicleEF	MDV	0.02	9.3700e-004
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.65	0.45
tblVehicleEF	MDV	3.14	1.66
tblVehicleEF	MDV	529.43	261.84
tblVehicleEF	MDV	110.47	51.22
tblVehicleEF	MDV	0.18	0.02
tblVehicleEF	MDV	0.29	0.12
tblVehicleEF	MDV	2.2250e-003	5.8400e-004
tblVehicleEF	MDV	2.5590e-003	6.7600e-004
tblVehicleEF	MDV	2.0540e-003	5.3800e-004
tblVehicleEF	MDV	2.3560e-003	6.2200e-004
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.18	0.06

tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.05	2.9720e-003
tblVehicleEF	MDV	0.10	0.18
tblVehicleEF	MDV	0.25	0.09
tblVehicleEF	MDV	5.3090e-003	2.5870e-003
tblVehicleEF	MDV	1.1600e-003	5.0700e-004
tblVehicleEF	MDV	0.08	0.05
tblVehicleEF	MDV	0.18	0.06
tblVehicleEF	MDV	0.08	0.06
tblVehicleEF	MDV	0.06	4.2740e-003
tblVehicleEF	MDV	0.10	0.18
tblVehicleEF	MDV	0.27	0.10
tblVehicleEF	MDV	0.02	9.9900e-004
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.82	0.49
tblVehicleEF	MDV	2.71	1.44
tblVehicleEF	MDV	556.55	268.47
tblVehicleEF	MDV	110.47	50.84
tblVehicleEF	MDV	0.16	0.02
tblVehicleEF	MDV	0.28	0.11
tblVehicleEF	MDV	2.2250e-003	5.8400e-004
tblVehicleEF	MDV	2.5590e-003	6.7600e-004
tblVehicleEF	MDV	2.0540e-003	5.3800e-004
tblVehicleEF	MDV	2.3560e-003	6.2200e-004
tblVehicleEF	MDV	0.13	0.07
tblVehicleEF	MDV	0.19	0.06
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.05	3.1310e-003
tblVehicleEF	MDV	0.09	0.16
tblVehicleEF	MDV	0.22	0.08

tblVehicleEF	MDV	5.5820e-003	2.6530e-003
tblVehicleEF	MDV	1.1520e-003	5.0300e-004
tblVehicleEF	MDV	0.13	0.07
tblVehicleEF	MDV	0.19	0.06
tblVehicleEF	MDV	0.12	0.08
tblVehicleEF	MDV	0.07	4.5060e-003
tblVehicleEF	MDV	0.09	0.16
tblVehicleEF	MDV	0.24	0.09
tblVehicleEF	MDV	0.01	9.1800e-004
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.60	0.43
tblVehicleEF	MDV	3.23	1.71
tblVehicleEF	MDV	520.55	259.39
tblVehicleEF	MDV	110.47	51.31
tblVehicleEF	MDV	0.18	0.02
tblVehicleEF	MDV	0.30	0.12
tblVehicleEF	MDV	2.2250e-003	5.8400e-004
tblVehicleEF	MDV	2.5590e-003	6.7600e-004
tblVehicleEF	MDV	2.0540e-003	5.3800e-004
tblVehicleEF	MDV	2.3560e-003	6.2200e-004
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.19	0.07
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.05	2.9190e-003
tblVehicleEF	MDV	0.11	0.21
tblVehicleEF	MDV	0.25	0.09
tblVehicleEF	MDV	5.2190e-003	2.5630e-003
tblVehicleEF	MDV	1.1620e-003	5.0800e-004
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.19	0.07

tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.06	4.1970e-003
tblVehicleEF	MDV	0.11	0.21
tblVehicleEF	MDV	0.28	0.10
tblVehicleEF	MH	0.04	2.8690e-003
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.22	0.15
tblVehicleEF	MH	6.70	1.37
tblVehicleEF	MH	1,108.09	1,147.75
tblVehicleEF	MH	61.52	13.13
tblVehicleEF	MH	1.41	0.78
tblVehicleEF	MH	0.88	0.19
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	7.9460e-003
tblVehicleEF	MH	1.4250e-003	2.0800e-004
tblVehicleEF	MH	3.2150e-003	3.3120e-003
tblVehicleEF	MH	0.03	7.5730e-003
tblVehicleEF	MH	1.3180e-003	1.9200e-004
tblVehicleEF	MH	1.25	0.25
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.50	0.15
tblVehicleEF	MH	0.12	0.02
tblVehicleEF	MH	0.02	0.17
tblVehicleEF	MH	0.40	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	7.3300e-004	1.3000e-004
tblVehicleEF	MH	1.25	0.25
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.50	0.15
tblVehicleEF	MH	0.16	0.02

tblVehicleEF	MH	0.02	0.17
tblVehicleEF	MH	0.44	0.07
tblVehicleEF	MH	0.04	2.9100e-003
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	3.29	0.16
tblVehicleEF	MH	6.31	1.30
tblVehicleEF	MH	1,108.09	1,147.76
tblVehicleEF	MH	61.52	13.01
tblVehicleEF	MH	1.30	0.73
tblVehicleEF	MH	0.84	0.18
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	7.9460e-003
tblVehicleEF	MH	1.4250e-003	2.0800e-004
tblVehicleEF	MH	3.2150e-003	3.3120e-003
tblVehicleEF	MH	0.03	7.5730e-003
tblVehicleEF	MH	1.3180e-003	1.9200e-004
tblVehicleEF	MH	1.93	0.35
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.78	0.20
tblVehicleEF	MH	0.12	0.02
tblVehicleEF	MH	0.02	0.16
tblVehicleEF	MH	0.39	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	7.2600e-004	1.2900e-004
tblVehicleEF	MH	1.93	0.35
tblVehicleEF	MH	0.08	0.01
tblVehicleEF	MH	0.78	0.20
tblVehicleEF	MH	0.17	0.02
tblVehicleEF	MH	0.02	0.16
tblVehicleEF	MH	0.42	0.07

tblVehicleEF	MH	0.04	2.8560e-003
tblVehicleEF	MH	0.03	0.02
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tblVehicleEF	MH	6.75	1.38
tblVehicleEF	MH	1,108.09	1,147.75
tblVehicleEF	MH	61.52	13.15
tblVehicleEF	MH	1.38	0.76
tblVehicleEF	MH	0.88	0.19
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.03	7.9460e-003
tblVehicleEF	MH	1.4250e-003	2.0800e-004
tblVehicleEF	MH	3.2150e-003	3.3120e-003
tblVehicleEF	MH	0.03	7.5730e-003
tblVehicleEF	MH	1.3180e-003	1.9200e-004
tblVehicleEF	MH	1.38	0.24
tblVehicleEF	MH	0.10	0.01
tblVehicleEF	MH	0.51	0.15
tblVehicleEF	MH	0.12	0.02
tblVehicleEF	MH	0.02	0.18
tblVehicleEF	MH	0.41	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	7.3300e-004	1.3000e-004
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tblVehicleEF	MH	0.51	0.15
tblVehicleEF	MH	0.16	0.02
tblVehicleEF	MH	0.02	0.18
tblVehicleEF	MH	0.44	0.07
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tblVehicleEF	MHD	0.05	6.5300e-003
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tblVehicleEF	MHD	0.04	6.2440e-003
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tblVehicleEF	MHD	1.3590e-003	2.9400e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	8.1200e-004	2.4100e-004
tblVehicleEF	MHD	0.09	7.1730e-003
tblVehicleEF	MHD	0.02	0.06
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tblVehicleEF	MHD	1.3630e-003	4.1800e-004
tblVehicleEF	MHD	0.01	7.2020e-003
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tblVehicleEF	MHD	1.3590e-003	2.9400e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	8.1200e-004	2.4100e-004

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tblVehicleEF	MHD	2.1680e-003	5.2000e-005
tblVehicleEF	MHD	0.05	6.5300e-003
tblVehicleEF	MHD	8.8200e-004	8.5000e-005
tblVehicleEF	MHD	2.0740e-003	4.9000e-005
tblVehicleEF	MHD	0.04	6.2440e-003
tblVehicleEF	MHD	8.1100e-004	7.8000e-005
tblVehicleEF	MHD	2.1280e-003	4.1300e-004
tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	1.2370e-003	3.2000e-004
tblVehicleEF	MHD	0.09	7.1900e-003
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.41	0.03
tblVehicleEF	MHD	1.4420e-003	4.1400e-004
tblVehicleEF	MHD	0.01	7.2020e-003

tblVehicleEF	MHD	7.3700e-004	5.9000e-005
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tblVehicleEF	MHD	0.04	0.02
tblVehicleEF	MHD	1.2370e-003	3.2000e-004
tblVehicleEF	MHD	0.11	8.4460e-003
tblVehicleEF	MHD	0.02	0.06
tblVehicleEF	MHD	0.45	0.03
tblVehicleEF	MHD	0.02	3.1060e-003
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tblVehicleEF	MHD	0.06	6.1240e-003
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tblVehicleEF	MHD	0.55	0.08
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tblVehicleEF	MHD	3.1290e-003	6.7000e-005
tblVehicleEF	MHD	0.05	6.5300e-003
tblVehicleEF	MHD	8.8200e-004	8.5000e-005
tblVehicleEF	MHD	2.9940e-003	6.4000e-005
tblVehicleEF	MHD	0.04	6.2440e-003
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tblVehicleEF	MHD	0.05	0.01
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	7.9100e-004	2.3500e-004

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tblVehicleEF	MHD	1.2550e-003	4.2300e-004
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tblVehicleEF	MHD	1.3750e-003	2.7200e-004
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tblVehicleEF	MHD	0.05	0.02
tblVehicleEF	MHD	7.9100e-004	2.3500e-004
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tblVehicleEF	OBUS	9.7500e-003	6.9130e-003
tblVehicleEF	OBUS	8.0400e-004	2.1500e-004
tblVehicleEF	OBUS	2.5500e-004	1.0700e-004
tblVehicleEF	OBUS	9.3130e-003	6.5970e-003

tblVehicleEF	OBUS	7.3900e-004	1.9800e-004
tblVehicleEF	OBUS	1.6040e-003	1.4810e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	8.0900e-004	9.1300e-004
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tblVehicleEF	OBUS	1.6040e-003	1.4810e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	8.0900e-004	9.1300e-004
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tblVehicleEF	OBUS	0.04	0.05
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tblVehicleEF	UBUS	1,961.22	1,973.77
tblVehicleEF	UBUS	103.09	17.62
tblVehicleEF	UBUS	9.86	0.46
tblVehicleEF	UBUS	15.22	0.20
tblVehicleEF	UBUS	0.60	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.1560e-003

tblVehicleEF	UBUS	1.0820e-003	2.1400e-004
tblVehicleEF	UBUS	0.26	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.12	3.0030e-003
tblVehicleEF	UBUS	9.9600e-004	1.9700e-004
tblVehicleEF	UBUS	5.3510e-003	8.4800e-004
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	2.9180e-003	6.5000e-004
tblVehicleEF	UBUS	0.86	0.08
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.80	0.12
tblVehicleEF	UBUS	9.8170e-003	3.2080e-003
tblVehicleEF	UBUS	1.2210e-003	1.7400e-004
tblVehicleEF	UBUS	5.3510e-003	8.4800e-004
tblVehicleEF	UBUS	0.08	0.01
tblVehicleEF	UBUS	2.9180e-003	6.5000e-004
tblVehicleEF	UBUS	3.63	5.39
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.87	0.13
tblVehicleEF	UBUS	2.67	5.27
tblVehicleEF	UBUS	0.05	0.03
tblVehicleEF	UBUS	11.76	41.13
tblVehicleEF	UBUS	9.15	1.61
tblVehicleEF	UBUS	1,961.22	1,973.77
tblVehicleEF	UBUS	103.09	17.27
tblVehicleEF	UBUS	9.29	0.45
tblVehicleEF	UBUS	15.16	0.19
tblVehicleEF	UBUS	0.60	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.1560e-003

tblVehicleEF	UBUS	1.0820e-003	2.1400e-004
tblVehicleEF	UBUS	0.26	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.12	3.0030e-003
tblVehicleEF	UBUS	9.9600e-004	1.9700e-004
tblVehicleEF	UBUS	8.0570e-003	1.1740e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.4190e-003	9.0400e-004
tblVehicleEF	UBUS	0.87	0.08
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.73	0.11
tblVehicleEF	UBUS	9.8180e-003	3.2080e-003
tblVehicleEF	UBUS	1.1970e-003	1.7100e-004
tblVehicleEF	UBUS	8.0570e-003	1.1740e-003
tblVehicleEF	UBUS	0.09	0.01
tblVehicleEF	UBUS	4.4190e-003	9.0400e-004
tblVehicleEF	UBUS	3.65	5.39
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.80	0.12
tblVehicleEF	UBUS	2.67	5.27
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	11.67	41.13
tblVehicleEF	UBUS	10.75	1.85
tblVehicleEF	UBUS	1,961.22	1,973.77
tblVehicleEF	UBUS	103.09	17.69
tblVehicleEF	UBUS	9.68	0.46
tblVehicleEF	UBUS	15.23	0.20
tblVehicleEF	UBUS	0.60	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.12	3.1560e-003

tblVehicleEF	UBUS	1.0820e-003	2.1400e-004
tblVehicleEF	UBUS	0.26	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	0.12	3.0030e-003
tblVehicleEF	UBUS	9.9600e-004	1.9700e-004
tblVehicleEF	UBUS	5.8570e-003	8.6600e-004
tblVehicleEF	UBUS	0.10	0.01
tblVehicleEF	UBUS	3.0180e-003	6.3400e-004
tblVehicleEF	UBUS	0.86	0.08
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.81	0.12
tblVehicleEF	UBUS	9.8160e-003	3.2080e-003
tblVehicleEF	UBUS	1.2250e-003	1.7500e-004
tblVehicleEF	UBUS	5.8570e-003	8.6600e-004
tblVehicleEF	UBUS	0.10	0.01
tblVehicleEF	UBUS	3.0180e-003	6.3400e-004
tblVehicleEF	UBUS	3.63	5.39
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.89	0.13
tblVehicleTrips	ST_TR	7.16	50.77
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	5.00	0.00
tblVehicleTrips	ST_TR	10.37	0.00
tblVehicleTrips	ST_TR	21.35	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	46.36
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00

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					
2020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**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	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578
Energy	0.4174	3.6768	2.3260	0.0228		0.2884	0.2884		0.2884	0.2884		4,553.0881	4,553.0881	0.0873	0.0835	4,580.1448
Mobile	14.8979	44.1220	205.0872	0.7067	100.4184	0.4009	100.8193	26.8219	0.3774	27.1992		74,035.5162	74,035.5162	5.6929		74,177.8397

Total	155.3054	57.4759	470.9135	1.3100	100.4184	34.9627	135.3811	26.8219	34.9392	61.7610	4,177.6456	86,682.9714	90,860.6170	18.3021	0.3670	91,427.5423
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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	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578
Energy	0.4174	3.6768	2.3260	0.0228		0.2884	0.2884		0.2884	0.2884		4,553.0881	4,553.0881	0.0873	0.0835	4,580.1448
Mobile	14.8979	44.1220	205.0872	0.7067	100.4184	0.4009	100.8193	26.8219	0.3774	27.1992		74,035.5162	74,035.5162	5.6929		74,177.8397
Total	155.3054	57.4759	470.9135	1.3100	100.4184	34.9627	135.3811	26.8219	34.9392	61.7610	4,177.6456	86,682.9714	90,860.6170	18.3021	0.3670	91,427.5423

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2020	8/31/2020	5	0	
2	Site Preparation	Site Preparation	12/8/2020	12/7/2020	5	0	
3	Grading	Grading	2/2/2021	2/1/2021	5	0	
4	Building Construction	Building Construction	7/6/2021	7/5/2021	5	0	
5	Paving	Paving	10/7/2025	10/6/2025	5	0	
6	Architectural Coating	Architectural Coating	1/20/2026	1/19/2026	5	0	

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; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	8.00	132	0.36
Paving	Rollers	0	8.00	80	0.38
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	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

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	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

3.3 Site Preparation - 2020

Unmitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

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					

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

Mitigated Construction On-Site

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

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
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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
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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	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

3.6 Paving - 2025

Unmitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

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					

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Category	lb/day										lb/day					
	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated	14.8979	44.1220	205.0872	0.7067	100.4184	0.4009	100.8193	26.8219	0.3774	27.1992		74,035.5162	74,035.5162	5.6929		74,177.8397
Unmitigated	14.8979	44.1220	205.0872	0.7067	100.4184	0.4009	100.8193	26.8219	0.3774	27.1992		74,035.5162	74,035.5162	5.6929		74,177.8397

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	12,656.28	13,860.21	12656.28	43,836,147	43,836,147
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Mobile Home Park	0.00	0.00	0.00		
Place of Worship	0.00	0.00	0.00		
Racquet Club	0.00	0.00	0.00		

Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	12,656.28	13,860.21	12,656.28	43,836,147	43,836,147

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Mobile Home Park	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Place of Worship	16.60	8.40	6.90	0.00	95.00	5.00	64	25	11
Racquet Club	16.60	8.40	6.90	11.50	69.50	19.00	52	39	9
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
General Light Industry	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
General Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Mobile Home Park	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Place of Worship	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Racquet Club	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Regional Shopping Center	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Single Family Housing	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

5.0 Energy Detail

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	0.4174	3.6768	2.3260	0.0228		0.2884	0.2884		0.2884	0.2884		4,553.0881	4,553.0881	0.0873	0.0835	4,580.1448
NaturalGas Unmitigated	0.4174	3.6768	2.3260	0.0228		0.2884	0.2884		0.2884	0.2884		4,553.0881	4,553.0881	0.0873	0.0835	4,580.1448

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					
Apartments Low Rise	9543.47	0.1029	0.8795	0.3743	5.6100e-003		0.0711	0.0711		0.0711	0.0711		1,122.7617	1,122.7617	0.0215	0.0206	1,129.4337
General Light Industry	7886.4	0.0851	0.7732	0.6495	4.6400e-003		0.0588	0.0588		0.0588	0.0588		927.8118	927.8118	0.0178	0.0170	933.3253
General Office Building	1432.03	0.0154	0.1404	0.1179	8.4000e-004		0.0107	0.0107		0.0107	0.0107		168.4736	168.4736	3.2300e-003	3.0900e-003	169.4747
Mobile Home Park	9501.11	0.1025	0.8756	0.3726	5.5900e-003		0.0708	0.0708		0.0708	0.0708		1,117.7778	1,117.7778	0.0214	0.0205	1,124.4202
Place of Worship	2673.48	0.0288	0.2621	0.2202	1.5700e-003		0.0199	0.0199		0.0199	0.0199		314.5273	314.5273	6.0300e-003	5.7700e-003	316.3964
Racquet Club	5800.47	0.0626	0.5687	0.4777	3.4100e-003		0.0432	0.0432		0.0432	0.0432		682.4077	682.4077	0.0131	0.0125	686.4629
Regional Shopping Center	945.211	0.0102	0.0927	0.0778	5.6000e-004		7.0400e-003	7.0400e-003		7.0400e-003	7.0400e-003		111.2013	111.2013	2.1300e-003	2.0400e-003	111.8621
Single Family Housing	919.079	9.9100e-003	0.0847	0.0360	5.4000e-004		6.8500e-003	6.8500e-003		6.8500e-003	6.8500e-003		108.1269	108.1269	2.0700e-003	1.9800e-003	108.7695
Total		0.4174	3.6768	2.3260	0.0228		0.2884	0.2884		0.2884	0.2884		4,553.0881	4,553.0881	0.0873	0.0835	4,580.1448

Mitigated	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578
Unmitigated	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578

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	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	19.8754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	116.8681	9.2538	226.8141	0.5786		34.0692	34.0692		34.0692	34.0692	4,177.6456	8,028.0000	12,205.6456	12.4586	0.2836	12,601.6069
Landscaping	1.1005	0.4233	36.6862	1.9500e-003		0.2042	0.2042		0.2042	0.2042		66.3671	66.3671	0.0634		67.9510
Total	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578

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	2.1463					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	19.8754					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	116.8681	9.2538	226.8141	0.5786		34.0692	34.0692		34.0692	34.0692	4,177.6456	8,028.0000	12,205.6456	12.4586	0.2836	12,601.6069

Landscaping	1.1005	0.4233	36.6862	1.9500e-003		0.2042	0.2042		0.2042	0.2042		66.3671	66.3671	0.0634		67.9510
Total	139.9902	9.6771	263.5003	0.5806		34.2734	34.2734		34.2734	34.2734	4,177.6456	8,094.3671	12,272.0127	12.5219	0.2836	12,669.5578

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Doheny Village Zoning District Update - Proposed Project 2045 - Orange County, Annual

**Doheny Village Zoning District Update - Proposed Project 2045
Orange County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	68.60	1000sqft	1.57	68,599.00	0
Place of Worship	11.20	1000sqft	0.26	11,204.00	0
General Light Industry	251.53	1000sqft	5.77	251,533.00	0
Apartments Low Rise	910.00	Dwelling Unit	56.88	910,000.00	2603
Apartments Mid Rise	346.00	Dwelling Unit	9.11	346,000.00	990
Single Family Housing	2.00	Dwelling Unit	0.65	3,600.00	6
Regional Shopping Center	364.90	1000sqft	8.38	364,902.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2045
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Senate Bill 100: 100% Renewable Energy by 2045.

Land Use - Operational emissions - no development proposed as part of project.

Construction Phase - No development proposed as part of project.

Trips and VMT - No Construction proposed.

Grading -

Architectural Coating - No Construction Emissions.

Vehicle Trips - Vehicle Trips - Traffic Study Table 5-2, proposed projectr = 19,912 trips daily & 21,479 on Saturdays. All trips were put on a single land

Vehicle Emission Factors - EMFAC 2017 Orange County 2045

Vehicle Emission Factors - EMFAC 2017 Orange County 2045

Vehicle Emission Factors - EMFAC 2017 Orange County 2045

Woodstoves - SCAQMD Rule 445 - no wood burning allowed.

Energy Use -

Area Mitigation - SCAQMD Rule 1113

Water Mitigation - 2019 Title 24 Standards

Waste Mitigation - AB 341 - 2020 target of 75% reduction

Off-road Equipment - No development proposed as part of project.

Off-road Equipment - No development proposed as part of project.

Off-road Equipment - No development proposed as part of project.

Off-road Equipment - No development proposed as part of project.

Off-road Equipment - No development proposed as part of project.

Off-road Equipment - No development proposed as part of project.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	348,119.00	0.00
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tblArchitecturalCoating	ConstArea_Residential_Interior	2,550,690.00	0.00
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
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tblConstructionPhase	NumDays	100.00	0.00
tblConstructionPhase	NumDays	155.00	0.00
tblConstructionPhase	NumDays	110.00	0.00
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tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblLandUse	LandUseSquareFeet	68,600.00	68,599.00
tblLandUse	LandUseSquareFeet	11,200.00	11,204.00
tblLandUse	LandUseSquareFeet	251,530.00	251,533.00
tblLandUse	LandUseSquareFeet	364,900.00	364,902.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
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tblTripsAndVMT	WorkerTripNumber	15.00	0.00

tblTripsAndVMT	WorkerTripNumber	18.00	0.00
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tblVehicleEF	HHD	4.8960e-003	0.02
tblVehicleEF	HHD	1.9100e-004	1.0000e-006
tblVehicleEF	HHD	2.4400e-004	5.0000e-006
tblVehicleEF	HHD	6.9320e-003	1.4800e-004
tblVehicleEF	HHD	0.28	0.43
tblVehicleEF	HHD	1.8800e-004	4.0000e-006
tblVehicleEF	HHD	0.07	0.02
tblVehicleEF	HHD	6.1400e-004	6.8900e-004
tblVehicleEF	HHD	0.09	3.0000e-006
tblVehicleEF	HHD	0.03	7.2000e-003
tblVehicleEF	HHD	0.01	8.7450e-003
tblVehicleEF	HHD	2.5200e-004	1.0000e-006
tblVehicleEF	HHD	2.4400e-004	5.0000e-006
tblVehicleEF	HHD	6.9320e-003	1.4800e-004
tblVehicleEF	HHD	0.34	0.51
tblVehicleEF	HHD	1.8800e-004	4.0000e-006
tblVehicleEF	HHD	0.24	0.18
tblVehicleEF	HHD	6.1400e-004	6.8900e-004
tblVehicleEF	HHD	0.10	3.0000e-006
tblVehicleEF	HHD	0.29	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	1.67	6.42
tblVehicleEF	HHD	1.31	0.78
tblVehicleEF	HHD	5.55	0.01
tblVehicleEF	HHD	3,245.20	822.02

tblVehicleEF	HHD	1,501.31	1,026.59
tblVehicleEF	HHD	16.68	0.10
tblVehicleEF	HHD	9.60	5.43
tblVehicleEF	HHD	1.13	1.96
tblVehicleEF	HHD	18.55	2.49
tblVehicleEF	HHD	1.6460e-003	2.1750e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1180e-003	0.02
tblVehicleEF	HHD	2.0800e-004	1.0000e-006
tblVehicleEF	HHD	1.5740e-003	2.0810e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6830e-003	8.7540e-003
tblVehicleEF	HHD	4.8960e-003	0.02
tblVehicleEF	HHD	1.9100e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	7.0870e-003	1.5100e-004
tblVehicleEF	HHD	0.32	0.38
tblVehicleEF	HHD	1.3800e-004	3.0000e-006
tblVehicleEF	HHD	0.07	0.02
tblVehicleEF	HHD	7.0600e-004	7.9200e-004
tblVehicleEF	HHD	0.09	3.0000e-006
tblVehicleEF	HHD	0.03	7.4240e-003
tblVehicleEF	HHD	0.01	8.7450e-003
tblVehicleEF	HHD	2.5700e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	7.0870e-003	1.5100e-004
tblVehicleEF	HHD	0.39	0.44
tblVehicleEF	HHD	1.3800e-004	3.0000e-006
tblVehicleEF	HHD	0.24	0.18

tblVehicleEF	HHD	7.0600e-004	7.9200e-004
tblVehicleEF	HHD	0.10	3.0000e-006
tblVehicleEF	LDA	1.2690e-003	6.1200e-004
tblVehicleEF	LDA	4.9000e-004	0.02
tblVehicleEF	LDA	0.24	0.37
tblVehicleEF	LDA	0.29	1.24
tblVehicleEF	LDA	164.92	182.00
tblVehicleEF	LDA	34.83	35.91
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	9.8030e-003	0.10
tblVehicleEF	LDA	6.1900e-004	5.2300e-004
tblVehicleEF	LDA	8.3500e-004	6.3700e-004
tblVehicleEF	LDA	5.6900e-004	4.8100e-004
tblVehicleEF	LDA	7.6800e-004	5.8600e-004
tblVehicleEF	LDA	9.0850e-003	0.01
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.5850e-003	0.02
tblVehicleEF	LDA	3.1910e-003	1.7140e-003
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	6.6040e-003	0.06
tblVehicleEF	LDA	1.6490e-003	1.8000e-003
tblVehicleEF	LDA	3.5200e-004	3.5500e-004
tblVehicleEF	LDA	9.0850e-003	0.01
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.5850e-003	0.02
tblVehicleEF	LDA	4.6390e-003	2.4820e-003
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	7.2310e-003	0.06
tblVehicleEF	LDA	1.3440e-003	6.5400e-004
tblVehicleEF	LDA	4.4200e-004	0.01

tblVehicleEF	LDA	0.27	0.40
tblVehicleEF	LDA	0.25	1.08
tblVehicleEF	LDA	171.87	189.44
tblVehicleEF	LDA	34.83	35.63
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	9.1160e-003	0.09
tblVehicleEF	LDA	6.1900e-004	5.2300e-004
tblVehicleEF	LDA	8.3500e-004	6.3700e-004
tblVehicleEF	LDA	5.6900e-004	4.8100e-004
tblVehicleEF	LDA	7.6800e-004	5.8600e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	3.3750e-003	1.8110e-003
tblVehicleEF	LDA	0.03	0.12
tblVehicleEF	LDA	5.9550e-003	0.05
tblVehicleEF	LDA	1.7190e-003	1.8740e-003
tblVehicleEF	LDA	3.5200e-004	3.5300e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	4.9070e-003	2.6230e-003
tblVehicleEF	LDA	0.03	0.12
tblVehicleEF	LDA	6.5200e-003	0.06
tblVehicleEF	LDA	1.2440e-003	5.9900e-004
tblVehicleEF	LDA	5.0000e-004	0.02
tblVehicleEF	LDA	0.24	0.36
tblVehicleEF	LDA	0.29	1.28
tblVehicleEF	LDA	162.36	179.26
tblVehicleEF	LDA	34.83	35.97

tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	9.9550e-003	0.10
tblVehicleEF	LDA	6.1900e-004	5.2300e-004
tblVehicleEF	LDA	8.3500e-004	6.3700e-004
tblVehicleEF	LDA	5.6900e-004	4.8100e-004
tblVehicleEF	LDA	7.6800e-004	5.8600e-004
tblVehicleEF	LDA	8.6160e-003	0.01
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.6010e-003	0.02
tblVehicleEF	LDA	3.1300e-003	1.6810e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	6.7380e-003	0.06
tblVehicleEF	LDA	1.6230e-003	1.7730e-003
tblVehicleEF	LDA	3.5200e-004	3.5600e-004
tblVehicleEF	LDA	8.6160e-003	0.01
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.6010e-003	0.02
tblVehicleEF	LDA	4.5490e-003	2.4340e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	7.3770e-003	0.06
tblVehicleEF	LDT1	1.7630e-003	6.9200e-004
tblVehicleEF	LDT1	7.9800e-004	0.02
tblVehicleEF	LDT1	0.32	0.39
tblVehicleEF	LDT1	0.40	1.33
tblVehicleEF	LDT1	209.31	217.01
tblVehicleEF	LDT1	45.17	43.51
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.12
tblVehicleEF	LDT1	7.8600e-004	5.8600e-004
tblVehicleEF	LDT1	1.1040e-003	7.3300e-004

tblVehicleEF	LDT1	7.2300e-004	5.3900e-004
tblVehicleEF	LDT1	1.0150e-003	6.7400e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	4.3710e-003	1.9300e-003
tblVehicleEF	LDT1	0.04	0.18
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	2.0940e-003	2.1470e-003
tblVehicleEF	LDT1	4.5800e-004	4.3100e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	6.3750e-003	2.8160e-003
tblVehicleEF	LDT1	0.04	0.18
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.8640e-003	7.3900e-004
tblVehicleEF	LDT1	7.1900e-004	0.02
tblVehicleEF	LDT1	0.35	0.42
tblVehicleEF	LDT1	0.35	1.15
tblVehicleEF	LDT1	217.91	224.53
tblVehicleEF	LDT1	45.17	43.20
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	7.8600e-004	5.8600e-004
tblVehicleEF	LDT1	1.1040e-003	7.3300e-004
tblVehicleEF	LDT1	7.2300e-004	5.3900e-004
tblVehicleEF	LDT1	1.0150e-003	6.7400e-004
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.05	0.05

tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	4.6210e-003	2.0400e-003
tblVehicleEF	LDT1	0.04	0.17
tblVehicleEF	LDT1	9.6980e-003	0.06
tblVehicleEF	LDT1	2.1810e-003	2.2220e-003
tblVehicleEF	LDT1	4.5700e-004	4.2800e-004
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	6.7400e-003	2.9770e-003
tblVehicleEF	LDT1	0.04	0.17
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.7290e-003	6.7800e-004
tblVehicleEF	LDT1	8.1400e-004	0.02
tblVehicleEF	LDT1	0.31	0.38
tblVehicleEF	LDT1	0.41	1.37
tblVehicleEF	LDT1	206.14	214.23
tblVehicleEF	LDT1	45.17	43.57
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.12
tblVehicleEF	LDT1	7.8600e-004	5.8600e-004
tblVehicleEF	LDT1	1.1040e-003	7.3300e-004
tblVehicleEF	LDT1	7.2300e-004	5.3900e-004
tblVehicleEF	LDT1	1.0150e-003	6.7400e-004
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	4.2870e-003	1.8930e-003
tblVehicleEF	LDT1	0.05	0.21
tblVehicleEF	LDT1	0.01	0.07

tblVehicleEF	LDT1	2.0630e-003	2.1200e-003
tblVehicleEF	LDT1	4.5800e-004	4.3100e-004
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	6.2530e-003	2.7620e-003
tblVehicleEF	LDT1	0.05	0.21
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT2	1.9140e-003	8.8500e-004
tblVehicleEF	LDT2	9.5900e-004	0.02
tblVehicleEF	LDT2	0.38	0.44
tblVehicleEF	LDT2	0.45	1.68
tblVehicleEF	LDT2	241.16	216.05
tblVehicleEF	LDT2	51.48	43.27
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	7.3800e-004	5.9500e-004
tblVehicleEF	LDT2	9.9100e-004	6.7000e-004
tblVehicleEF	LDT2	6.7900e-004	5.4900e-004
tblVehicleEF	LDT2	9.1100e-004	6.1600e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	4.7690e-003	2.6890e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.01	0.08
tblVehicleEF	LDT2	2.4130e-003	2.1370e-003
tblVehicleEF	LDT2	5.2100e-004	4.2800e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.03	0.04

tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	6.9470e-003	3.8700e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.0240e-003	9.4300e-004
tblVehicleEF	LDT2	8.9900e-004	0.02
tblVehicleEF	LDT2	0.41	0.48
tblVehicleEF	LDT2	0.42	1.45
tblVehicleEF	LDT2	251.10	222.84
tblVehicleEF	LDT2	51.48	42.88
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	7.3800e-004	5.9500e-004
tblVehicleEF	LDT2	9.9100e-004	6.7000e-004
tblVehicleEF	LDT2	6.7900e-004	5.4900e-004
tblVehicleEF	LDT2	9.1100e-004	6.1600e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	5.0410e-003	2.8340e-003
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	0.01	0.08
tblVehicleEF	LDT2	2.5130e-003	2.2040e-003
tblVehicleEF	LDT2	5.2100e-004	4.2400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	7.3440e-003	4.0810e-003
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	0.01	0.08

tblVehicleEF	LDT2	1.8770e-003	8.6600e-004
tblVehicleEF	LDT2	9.7100e-004	0.02
tblVehicleEF	LDT2	0.37	0.43
tblVehicleEF	LDT2	0.46	1.73
tblVehicleEF	LDT2	237.49	213.55
tblVehicleEF	LDT2	51.48	43.35
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	7.3800e-004	5.9500e-004
tblVehicleEF	LDT2	9.9100e-004	6.7000e-004
tblVehicleEF	LDT2	6.7900e-004	5.4900e-004
tblVehicleEF	LDT2	9.1100e-004	6.1600e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	4.6780e-003	2.6410e-003
tblVehicleEF	LDT2	0.04	0.20
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.3760e-003	2.1120e-003
tblVehicleEF	LDT2	5.2100e-004	4.2900e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	6.8140e-003	3.7990e-003
tblVehicleEF	LDT2	0.04	0.20
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LHD1	2.3610e-003	3.1040e-003
tblVehicleEF	LHD1	1.6960e-003	1.4400e-003
tblVehicleEF	LHD1	2.8690e-003	4.7090e-003
tblVehicleEF	LHD1	0.12	0.16

tblVehicleEF	LHD1	0.17	0.15
tblVehicleEF	LHD1	0.86	0.67
tblVehicleEF	LHD1	8.89	7.51
tblVehicleEF	LHD1	516.58	498.64
tblVehicleEF	LHD1	19.41	7.75
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.25	0.15
tblVehicleEF	LHD1	6.5600e-004	1.0980e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.3710e-003	3.4640e-003
tblVehicleEF	LHD1	4.0000e-004	1.6300e-004
tblVehicleEF	LHD1	6.2800e-004	1.0510e-003
tblVehicleEF	LHD1	2.6870e-003	2.5370e-003
tblVehicleEF	LHD1	4.1680e-003	3.2940e-003
tblVehicleEF	LHD1	3.6800e-004	1.5000e-004
tblVehicleEF	LHD1	7.3600e-004	9.1700e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	6.0900e-004	7.4900e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	8.7000e-005	7.2000e-005
tblVehicleEF	LHD1	5.0250e-003	4.8450e-003
tblVehicleEF	LHD1	2.0800e-004	7.7000e-005
tblVehicleEF	LHD1	7.3600e-004	9.1700e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	6.0900e-004	7.4900e-004

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	2.3610e-003	3.1100e-003
tblVehicleEF	LHD1	1.7050e-003	1.4510e-003
tblVehicleEF	LHD1	2.7730e-003	4.5620e-003
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.17	0.15
tblVehicleEF	LHD1	0.82	0.64
tblVehicleEF	LHD1	8.89	7.51
tblVehicleEF	LHD1	516.58	498.65
tblVehicleEF	LHD1	19.41	7.70
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.24	0.14
tblVehicleEF	LHD1	6.5600e-004	1.0980e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.3710e-003	3.4640e-003
tblVehicleEF	LHD1	4.0000e-004	1.6300e-004
tblVehicleEF	LHD1	6.2800e-004	1.0510e-003
tblVehicleEF	LHD1	2.6870e-003	2.5370e-003
tblVehicleEF	LHD1	4.1680e-003	3.2940e-003
tblVehicleEF	LHD1	3.6800e-004	1.5000e-004
tblVehicleEF	LHD1	1.0350e-003	1.2910e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.0800e-004	9.9700e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02

tblVehicleEF	LHD1	8.7000e-005	7.2000e-005
tblVehicleEF	LHD1	5.0250e-003	4.8450e-003
tblVehicleEF	LHD1	2.0800e-004	7.6000e-005
tblVehicleEF	LHD1	1.0350e-003	1.2910e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	8.0800e-004	9.9700e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	2.3610e-003	3.1030e-003
tblVehicleEF	LHD1	1.6940e-003	1.4380e-003
tblVehicleEF	LHD1	2.8880e-003	4.7390e-003
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.17	0.15
tblVehicleEF	LHD1	0.86	0.67
tblVehicleEF	LHD1	8.89	7.51
tblVehicleEF	LHD1	516.58	498.64
tblVehicleEF	LHD1	19.41	7.75
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.26	0.15
tblVehicleEF	LHD1	6.5600e-004	1.0980e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.3710e-003	3.4640e-003
tblVehicleEF	LHD1	4.0000e-004	1.6300e-004
tblVehicleEF	LHD1	6.2800e-004	1.0510e-003
tblVehicleEF	LHD1	2.6870e-003	2.5370e-003
tblVehicleEF	LHD1	4.1680e-003	3.2940e-003
tblVehicleEF	LHD1	3.6800e-004	1.5000e-004

tblVehicleEF	LHD1	6.8100e-004	8.5300e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9400e-004	7.3100e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.06	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	8.7000e-005	7.2000e-005
tblVehicleEF	LHD1	5.0250e-003	4.8450e-003
tblVehicleEF	LHD1	2.0900e-004	7.7000e-005
tblVehicleEF	LHD1	6.8100e-004	8.5300e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.9400e-004	7.3100e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.06	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD2	2.0850e-003	2.0890e-003
tblVehicleEF	LHD2	1.5940e-003	1.6080e-003
tblVehicleEF	LHD2	1.8880e-003	2.8370e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.79	0.42
tblVehicleEF	LHD2	13.28	11.77
tblVehicleEF	LHD2	559.88	505.82
tblVehicleEF	LHD2	20.95	5.53
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.18	0.09
tblVehicleEF	LHD2	8.3500e-004	1.5070e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.9830e-003	9.4130e-003
tblVehicleEF	LHD2	3.8500e-004	1.0100e-004
tblVehicleEF	LHD2	7.9900e-004	1.4420e-003
tblVehicleEF	LHD2	2.7110e-003	2.7200e-003
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tblVehicleEF	LHD2	5.0500e-004	5.9500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0500e-004	4.8700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4390e-003	4.8730e-003
tblVehicleEF	LHD2	2.2200e-004	5.5000e-005
tblVehicleEF	LHD2	5.0500e-004	5.9500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0500e-004	4.8700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0850e-003	2.0930e-003
tblVehicleEF	LHD2	1.6010e-003	1.6140e-003
tblVehicleEF	LHD2	1.8840e-003	2.7490e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.76	0.40

tblVehicleEF	LHD2	13.28	11.77
tblVehicleEF	LHD2	559.88	505.82
tblVehicleEF	LHD2	20.95	5.50
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.3500e-004	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.9830e-003	9.4130e-003
tblVehicleEF	LHD2	3.8500e-004	1.0100e-004
tblVehicleEF	LHD2	7.9900e-004	1.4420e-003
tblVehicleEF	LHD2	2.7110e-003	2.7200e-003
tblVehicleEF	LHD2	4.7550e-003	8.9940e-003
tblVehicleEF	LHD2	3.5400e-004	9.3000e-005
tblVehicleEF	LHD2	7.1300e-004	8.3700e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.4300e-004	6.4700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4390e-003	4.8730e-003
tblVehicleEF	LHD2	2.2200e-004	5.4000e-005
tblVehicleEF	LHD2	7.1300e-004	8.3700e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4300e-004	6.4700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08

tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0850e-003	2.0880e-003
tblVehicleEF	LHD2	1.5930e-003	1.6070e-003
tblVehicleEF	LHD2	1.8890e-003	2.8550e-003
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tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.80	0.42
tblVehicleEF	LHD2	13.28	11.77
tblVehicleEF	LHD2	559.88	505.82
tblVehicleEF	LHD2	20.95	5.53
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.18	0.09
tblVehicleEF	LHD2	8.3500e-004	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.9830e-003	9.4130e-003
tblVehicleEF	LHD2	3.8500e-004	1.0100e-004
tblVehicleEF	LHD2	7.9900e-004	1.4420e-003
tblVehicleEF	LHD2	2.7110e-003	2.7200e-003
tblVehicleEF	LHD2	4.7550e-003	8.9940e-003
tblVehicleEF	LHD2	3.5400e-004	9.3000e-005
tblVehicleEF	LHD2	4.7500e-004	5.5200e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.9700e-004	4.7500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4390e-003	4.8730e-003

tblVehicleEF	LHD2	2.2300e-004	5.5000e-005
tblVehicleEF	LHD2	4.7500e-004	5.5200e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9700e-004	4.7500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.14	0.22
tblVehicleEF	MCY	16.82	16.84
tblVehicleEF	MCY	9.81	8.73
tblVehicleEF	MCY	180.00	214.11
tblVehicleEF	MCY	41.14	56.50
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.4770e-003	2.4740e-003
tblVehicleEF	MCY	3.3690e-003	2.9710e-003
tblVehicleEF	MCY	2.3100e-003	2.3070e-003
tblVehicleEF	MCY	3.1420e-003	2.7710e-003
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.64	0.67
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.27	2.27
tblVehicleEF	MCY	0.48	1.20
tblVehicleEF	MCY	1.93	1.72
tblVehicleEF	MCY	2.1440e-003	2.1190e-003
tblVehicleEF	MCY	6.2800e-004	5.5900e-004
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.64	0.67

tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.85	2.85
tblVehicleEF	MCY	0.48	1.20
tblVehicleEF	MCY	2.11	1.87
tblVehicleEF	MCY	0.48	0.33
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	16.28	16.30
tblVehicleEF	MCY	8.96	7.93
tblVehicleEF	MCY	180.00	213.11
tblVehicleEF	MCY	41.14	54.69
tblVehicleEF	MCY	0.97	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.4770e-003	2.4740e-003
tblVehicleEF	MCY	3.3690e-003	2.9710e-003
tblVehicleEF	MCY	2.3100e-003	2.3070e-003
tblVehicleEF	MCY	3.1420e-003	2.7710e-003
tblVehicleEF	MCY	1.76	1.81
tblVehicleEF	MCY	0.70	0.73
tblVehicleEF	MCY	1.08	1.10
tblVehicleEF	MCY	2.23	2.23
tblVehicleEF	MCY	0.44	1.10
tblVehicleEF	MCY	1.76	1.55
tblVehicleEF	MCY	2.1340e-003	2.1090e-003
tblVehicleEF	MCY	6.0900e-004	5.4100e-004
tblVehicleEF	MCY	1.76	1.81
tblVehicleEF	MCY	0.70	0.73
tblVehicleEF	MCY	1.08	1.10
tblVehicleEF	MCY	2.80	2.80
tblVehicleEF	MCY	0.44	1.10
tblVehicleEF	MCY	1.91	1.69

tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.90	16.92
tblVehicleEF	MCY	9.95	8.87
tblVehicleEF	MCY	180.00	214.26
tblVehicleEF	MCY	41.14	56.83
tblVehicleEF	MCY	1.08	1.08
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.4770e-003	2.4740e-003
tblVehicleEF	MCY	3.3690e-003	2.9710e-003
tblVehicleEF	MCY	2.3100e-003	2.3070e-003
tblVehicleEF	MCY	3.1420e-003	2.7710e-003
tblVehicleEF	MCY	1.30	1.33
tblVehicleEF	MCY	0.80	0.84
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	2.28	2.28
tblVehicleEF	MCY	0.57	1.43
tblVehicleEF	MCY	1.97	1.75
tblVehicleEF	MCY	2.1460e-003	2.1200e-003
tblVehicleEF	MCY	6.3200e-004	5.6200e-004
tblVehicleEF	MCY	1.30	1.33
tblVehicleEF	MCY	0.80	0.84
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	2.86	2.86
tblVehicleEF	MCY	0.57	1.43
tblVehicleEF	MCY	2.15	1.91
tblVehicleEF	MDV	2.3700e-003	9.3700e-004
tblVehicleEF	MDV	1.5320e-003	0.02
tblVehicleEF	MDV	0.44	0.45
tblVehicleEF	MDV	0.57	1.66

tblVehicleEF	MDV	316.36	261.84
tblVehicleEF	MDV	66.31	51.22
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.03	0.12
tblVehicleEF	MDV	7.9200e-004	5.8400e-004
tblVehicleEF	MDV	1.0580e-003	6.7600e-004
tblVehicleEF	MDV	7.2900e-004	5.3800e-004
tblVehicleEF	MDV	9.7300e-004	6.2200e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	6.0020e-003	2.9720e-003
tblVehicleEF	MDV	0.05	0.18
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	3.1610e-003	2.5870e-003
tblVehicleEF	MDV	6.7200e-004	5.0700e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	8.7080e-003	4.2740e-003
tblVehicleEF	MDV	0.05	0.18
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	2.5040e-003	9.9900e-004
tblVehicleEF	MDV	1.4160e-003	0.02
tblVehicleEF	MDV	0.48	0.49
tblVehicleEF	MDV	0.52	1.44
tblVehicleEF	MDV	328.98	268.47
tblVehicleEF	MDV	66.31	50.84
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.03	0.11

tblVehicleEF	MDV	7.9200e-004	5.8400e-004
tblVehicleEF	MDV	1.0580e-003	6.7600e-004
tblVehicleEF	MDV	7.2900e-004	5.3800e-004
tblVehicleEF	MDV	9.7300e-004	6.2200e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	6.3360e-003	3.1310e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	3.2880e-003	2.6530e-003
tblVehicleEF	MDV	6.7100e-004	5.0300e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	9.1950e-003	4.5060e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.3240e-003	9.1800e-004
tblVehicleEF	MDV	1.5560e-003	0.02
tblVehicleEF	MDV	0.42	0.43
tblVehicleEF	MDV	0.58	1.71
tblVehicleEF	MDV	311.70	259.39
tblVehicleEF	MDV	66.31	51.31
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.03	0.12
tblVehicleEF	MDV	7.9200e-004	5.8400e-004
tblVehicleEF	MDV	1.0580e-003	6.7600e-004
tblVehicleEF	MDV	7.2900e-004	5.3800e-004
tblVehicleEF	MDV	9.7300e-004	6.2200e-004

tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	5.8900e-003	2.9190e-003
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	3.1150e-003	2.5630e-003
tblVehicleEF	MDV	6.7200e-004	5.0800e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	8.5450e-003	4.1970e-003
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MH	3.2100e-003	2.8690e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.16	0.15
tblVehicleEF	MH	2.95	1.37
tblVehicleEF	MH	1,056.04	1,147.75
tblVehicleEF	MH	55.45	13.13
tblVehicleEF	MH	0.53	0.78
tblVehicleEF	MH	0.50	0.19
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	5.2530e-003	7.9460e-003
tblVehicleEF	MH	8.8400e-004	2.0800e-004
tblVehicleEF	MH	3.2210e-003	3.3120e-003
tblVehicleEF	MH	4.9930e-003	7.5730e-003
tblVehicleEF	MH	8.1300e-004	1.9200e-004
tblVehicleEF	MH	0.31	0.25
tblVehicleEF	MH	0.02	0.01

tblVehicleEF	MH	0.19	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9620e-003	0.17
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0600e-004	1.3000e-004
tblVehicleEF	MH	0.31	0.25
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.19	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9620e-003	0.17
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MH	3.2670e-003	2.9100e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.16	0.16
tblVehicleEF	MH	2.80	1.30
tblVehicleEF	MH	1,056.04	1,147.76
tblVehicleEF	MH	55.45	13.01
tblVehicleEF	MH	0.49	0.73
tblVehicleEF	MH	0.48	0.18
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	5.2530e-003	7.9460e-003
tblVehicleEF	MH	8.8400e-004	2.0800e-004
tblVehicleEF	MH	3.2210e-003	3.3120e-003
tblVehicleEF	MH	4.9930e-003	7.5730e-003
tblVehicleEF	MH	8.1300e-004	1.9200e-004
tblVehicleEF	MH	0.43	0.35
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.25	0.20
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	2.8680e-003	0.16
tblVehicleEF	MH	0.17	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0300e-004	1.2900e-004
tblVehicleEF	MH	0.43	0.35
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.25	0.20
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.8680e-003	0.16
tblVehicleEF	MH	0.19	0.07
tblVehicleEF	MH	3.1930e-003	2.8560e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.15	0.15
tblVehicleEF	MH	2.97	1.38
tblVehicleEF	MH	1,056.04	1,147.75
tblVehicleEF	MH	55.45	13.15
tblVehicleEF	MH	0.52	0.76
tblVehicleEF	MH	0.51	0.19
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	5.2530e-003	7.9460e-003
tblVehicleEF	MH	8.8400e-004	2.0800e-004
tblVehicleEF	MH	3.2210e-003	3.3120e-003
tblVehicleEF	MH	4.9930e-003	7.5730e-003
tblVehicleEF	MH	8.1300e-004	1.9200e-004
tblVehicleEF	MH	0.29	0.24
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.1860e-003	0.18
tblVehicleEF	MH	0.18	0.06

tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0600e-004	1.3000e-004
tblVehicleEF	MH	0.29	0.24
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.1860e-003	0.18
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MHD	0.02	2.9040e-003
tblVehicleEF	MHD	1.6010e-003	5.1400e-004
tblVehicleEF	MHD	0.03	6.0950e-003
tblVehicleEF	MHD	0.29	0.31
tblVehicleEF	MHD	0.17	0.08
tblVehicleEF	MHD	2.22	0.56
tblVehicleEF	MHD	155.02	44.00
tblVehicleEF	MHD	1,093.64	756.82
tblVehicleEF	MHD	46.86	6.01
tblVehicleEF	MHD	0.40	0.23
tblVehicleEF	MHD	0.54	1.00
tblVehicleEF	MHD	12.07	1.80
tblVehicleEF	MHD	3.1000e-005	5.8000e-005
tblVehicleEF	MHD	2.7310e-003	6.5300e-003
tblVehicleEF	MHD	6.7300e-004	8.5000e-005
tblVehicleEF	MHD	3.0000e-005	5.6000e-005
tblVehicleEF	MHD	2.6100e-003	6.2440e-003
tblVehicleEF	MHD	6.1900e-004	7.8000e-005
tblVehicleEF	MHD	5.8000e-004	2.9400e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.7200e-004	2.4100e-004

tblVehicleEF	MHD	0.03	7.1730e-003
tblVehicleEF	MHD	9.3590e-003	0.06
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.4890e-003	4.1800e-004
tblVehicleEF	MHD	0.01	7.2020e-003
tblVehicleEF	MHD	5.0800e-004	6.0000e-005
tblVehicleEF	MHD	5.8000e-004	2.9400e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.7200e-004	2.4100e-004
tblVehicleEF	MHD	0.03	8.4220e-003
tblVehicleEF	MHD	9.3590e-003	0.06
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	MHD	0.02	2.7660e-003
tblVehicleEF	MHD	1.6060e-003	5.1900e-004
tblVehicleEF	MHD	0.02	5.9010e-003
tblVehicleEF	MHD	0.21	0.27
tblVehicleEF	MHD	0.17	0.08
tblVehicleEF	MHD	2.11	0.53
tblVehicleEF	MHD	164.21	43.58
tblVehicleEF	MHD	1,093.64	756.82
tblVehicleEF	MHD	46.86	5.97
tblVehicleEF	MHD	0.41	0.22
tblVehicleEF	MHD	0.51	0.95
tblVehicleEF	MHD	12.05	1.80
tblVehicleEF	MHD	2.6000e-005	5.2000e-005
tblVehicleEF	MHD	2.7310e-003	6.5300e-003
tblVehicleEF	MHD	6.7300e-004	8.5000e-005
tblVehicleEF	MHD	2.5000e-005	4.9000e-005
tblVehicleEF	MHD	2.6100e-003	6.2440e-003

tblVehicleEF	MHD	6.1900e-004	7.8000e-005
tblVehicleEF	MHD	8.1700e-004	4.1300e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	6.2900e-004	3.2000e-004
tblVehicleEF	MHD	0.03	7.1900e-003
tblVehicleEF	MHD	8.9690e-003	0.06
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.5750e-003	4.1400e-004
tblVehicleEF	MHD	0.01	7.2020e-003
tblVehicleEF	MHD	5.0600e-004	5.9000e-005
tblVehicleEF	MHD	8.1700e-004	4.1300e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.2900e-004	3.2000e-004
tblVehicleEF	MHD	0.03	8.4460e-003
tblVehicleEF	MHD	8.9690e-003	0.06
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	0.02	3.1060e-003
tblVehicleEF	MHD	1.6000e-003	5.1200e-004
tblVehicleEF	MHD	0.03	6.1240e-003
tblVehicleEF	MHD	0.40	0.37
tblVehicleEF	MHD	0.17	0.08
tblVehicleEF	MHD	2.24	0.56
tblVehicleEF	MHD	142.33	44.56
tblVehicleEF	MHD	1,093.64	756.82
tblVehicleEF	MHD	46.86	6.02
tblVehicleEF	MHD	0.38	0.25
tblVehicleEF	MHD	0.53	0.98
tblVehicleEF	MHD	12.07	1.80

tblVehicleEF	MHD	3.8000e-005	6.7000e-005
tblVehicleEF	MHD	2.7310e-003	6.5300e-003
tblVehicleEF	MHD	6.7300e-004	8.5000e-005
tblVehicleEF	MHD	3.6000e-005	6.4000e-005
tblVehicleEF	MHD	2.6100e-003	6.2440e-003
tblVehicleEF	MHD	6.1900e-004	7.8000e-005
tblVehicleEF	MHD	5.4100e-004	2.7200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.6100e-004	2.3500e-004
tblVehicleEF	MHD	0.03	7.1680e-003
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.3690e-003	4.2300e-004
tblVehicleEF	MHD	0.01	7.2020e-003
tblVehicleEF	MHD	5.0800e-004	6.0000e-005
tblVehicleEF	MHD	5.4100e-004	2.7200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.6100e-004	2.3500e-004
tblVehicleEF	MHD	0.03	8.4150e-003
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	OBUS	0.01	8.3240e-003
tblVehicleEF	OBUS	2.8730e-003	1.4550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.59
tblVehicleEF	OBUS	0.22	0.16
tblVehicleEF	OBUS	3.66	1.60
tblVehicleEF	OBUS	77.63	70.31

tblVehicleEF	OBUS	1,174.18	1,058.99
tblVehicleEF	OBUS	66.75	14.88
tblVehicleEF	OBUS	0.16	0.33
tblVehicleEF	OBUS	0.42	1.02
tblVehicleEF	OBUS	1.89	0.90
tblVehicleEF	OBUS	1.5000e-005	1.1200e-004
tblVehicleEF	OBUS	2.4480e-003	6.9130e-003
tblVehicleEF	OBUS	1.0710e-003	2.1500e-004
tblVehicleEF	OBUS	1.4000e-005	1.0700e-004
tblVehicleEF	OBUS	2.3210e-003	6.5970e-003
tblVehicleEF	OBUS	9.8500e-004	1.9800e-004
tblVehicleEF	OBUS	1.4700e-003	1.4810e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.8300e-004	9.1300e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.25	0.08
tblVehicleEF	OBUS	7.5300e-004	6.6900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3200e-004	1.4700e-004
tblVehicleEF	OBUS	1.4700e-003	1.4810e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	8.8300e-004	9.1300e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	OBUS	0.01	8.4100e-003
tblVehicleEF	OBUS	2.9110e-003	1.4820e-003

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.22	0.16
tblVehicleEF	OBUS	3.47	1.52
tblVehicleEF	OBUS	81.27	69.51
tblVehicleEF	OBUS	1,174.18	1,058.99
tblVehicleEF	OBUS	66.75	14.74
tblVehicleEF	OBUS	0.17	0.32
tblVehicleEF	OBUS	0.40	0.96
tblVehicleEF	OBUS	1.87	0.89
tblVehicleEF	OBUS	1.2000e-005	1.0000e-004
tblVehicleEF	OBUS	2.4480e-003	6.9130e-003
tblVehicleEF	OBUS	1.0710e-003	2.1500e-004
tblVehicleEF	OBUS	1.2000e-005	9.5000e-005
tblVehicleEF	OBUS	2.3210e-003	6.5970e-003
tblVehicleEF	OBUS	9.8500e-004	1.9800e-004
tblVehicleEF	OBUS	2.0250e-003	2.0350e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.1840e-003	1.2130e-003
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.20
tblVehicleEF	OBUS	0.24	0.08
tblVehicleEF	OBUS	7.8700e-004	6.6200e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.2900e-004	1.4600e-004
tblVehicleEF	OBUS	2.0250e-003	2.0350e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.1840e-003	1.2130e-003

tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.20
tblVehicleEF	OBUS	0.26	0.09
tblVehicleEF	OBUS	0.01	8.2300e-003
tblVehicleEF	OBUS	2.8620e-003	1.4470e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.59
tblVehicleEF	OBUS	0.22	0.16
tblVehicleEF	OBUS	3.69	1.62
tblVehicleEF	OBUS	72.61	71.41
tblVehicleEF	OBUS	1,174.18	1,058.98
tblVehicleEF	OBUS	66.75	14.90
tblVehicleEF	OBUS	0.16	0.36
tblVehicleEF	OBUS	0.41	1.00
tblVehicleEF	OBUS	1.90	0.90
tblVehicleEF	OBUS	1.8000e-005	1.2900e-004
tblVehicleEF	OBUS	2.4480e-003	6.9130e-003
tblVehicleEF	OBUS	1.0710e-003	2.1500e-004
tblVehicleEF	OBUS	1.7000e-005	1.2400e-004
tblVehicleEF	OBUS	2.3210e-003	6.5970e-003
tblVehicleEF	OBUS	9.8500e-004	1.9800e-004
tblVehicleEF	OBUS	1.4010e-003	1.3880e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.5500e-004	8.7900e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.06	0.22
tblVehicleEF	OBUS	0.25	0.08
tblVehicleEF	OBUS	7.0500e-004	6.8000e-004
tblVehicleEF	OBUS	0.01	0.01

tblVehicleEF	OBUS	7.3200e-004	1.4700e-004
tblVehicleEF	OBUS	1.4010e-003	1.3880e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	8.5500e-004	8.7900e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.06	0.22
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	SBUS	0.83	0.13
tblVehicleEF	SBUS	3.6520e-003	1.4980e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	10.14	5.18
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	6.72	1.33
tblVehicleEF	SBUS	914.20	301.75
tblVehicleEF	SBUS	963.99	803.65
tblVehicleEF	SBUS	69.94	8.32
tblVehicleEF	SBUS	1.68	1.11
tblVehicleEF	SBUS	0.79	1.04
tblVehicleEF	SBUS	9.06	1.79
tblVehicleEF	SBUS	1.2100e-004	2.6400e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.4760e-003	2.9400e-003
tblVehicleEF	SBUS	1.5620e-003	1.5500e-004
tblVehicleEF	SBUS	1.1500e-004	2.5300e-004
tblVehicleEF	SBUS	2.5520e-003	2.5300e-003
tblVehicleEF	SBUS	2.3420e-003	2.7840e-003
tblVehicleEF	SBUS	1.4360e-003	1.4300e-004
tblVehicleEF	SBUS	5.5480e-003	2.4270e-003
tblVehicleEF	SBUS	0.04	0.02

tblVehicleEF	SBUS	1.23	0.59
tblVehicleEF	SBUS	3.3850e-003	1.5020e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.03	0.12
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	9.0830e-003	2.9030e-003
tblVehicleEF	SBUS	9.3230e-003	7.7430e-003
tblVehicleEF	SBUS	8.1700e-004	8.2000e-005
tblVehicleEF	SBUS	5.5480e-003	2.4270e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.79	0.85
tblVehicleEF	SBUS	3.3850e-003	1.5020e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.03	0.12
tblVehicleEF	SBUS	0.43	0.07
tblVehicleEF	SBUS	0.83	0.13
tblVehicleEF	SBUS	3.6970e-003	1.5260e-003
tblVehicleEF	SBUS	0.04	9.6940e-003
tblVehicleEF	SBUS	10.11	5.17
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	5.55	1.10
tblVehicleEF	SBUS	948.02	298.99
tblVehicleEF	SBUS	963.99	803.65
tblVehicleEF	SBUS	69.94	7.93
tblVehicleEF	SBUS	1.73	1.05
tblVehicleEF	SBUS	0.74	0.98
tblVehicleEF	SBUS	9.04	1.79
tblVehicleEF	SBUS	1.0200e-004	2.3400e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.4760e-003	2.9400e-003

tblVehicleEF	SBUS	1.5620e-003	1.5500e-004
tblVehicleEF	SBUS	9.7000e-005	2.2400e-004
tblVehicleEF	SBUS	2.5520e-003	2.5300e-003
tblVehicleEF	SBUS	2.3420e-003	2.7840e-003
tblVehicleEF	SBUS	1.4360e-003	1.4300e-004
tblVehicleEF	SBUS	7.6310e-003	3.3340e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.23	0.59
tblVehicleEF	SBUS	4.5080e-003	1.9900e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.35	0.06
tblVehicleEF	SBUS	9.4060e-003	2.8770e-003
tblVehicleEF	SBUS	9.3230e-003	7.7430e-003
tblVehicleEF	SBUS	7.9700e-004	7.9000e-005
tblVehicleEF	SBUS	7.6310e-003	3.3340e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.79	0.85
tblVehicleEF	SBUS	4.5080e-003	1.9900e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	0.83	0.13
tblVehicleEF	SBUS	3.6390e-003	1.4910e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	10.18	5.20
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	6.83	1.35
tblVehicleEF	SBUS	867.49	305.56
tblVehicleEF	SBUS	963.99	803.65

tblVehicleEF	SBUS	69.94	8.36
tblVehicleEF	SBUS	1.61	1.18
tblVehicleEF	SBUS	0.77	1.02
tblVehicleEF	SBUS	9.07	1.79
tblVehicleEF	SBUS	1.4700e-004	3.0500e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.4760e-003	2.9400e-003
tblVehicleEF	SBUS	1.5620e-003	1.5500e-004
tblVehicleEF	SBUS	1.4000e-004	2.9100e-004
tblVehicleEF	SBUS	2.5520e-003	2.5300e-003
tblVehicleEF	SBUS	2.3420e-003	2.7840e-003
tblVehicleEF	SBUS	1.4360e-003	1.4300e-004
tblVehicleEF	SBUS	5.2270e-003	2.2630e-003
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tblVehicleEF	SBUS	3.2640e-003	1.4440e-003
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tblVehicleEF	SBUS	0.03	0.15
tblVehicleEF	SBUS	0.40	0.06
tblVehicleEF	SBUS	8.6380e-003	2.9390e-003
tblVehicleEF	SBUS	9.3230e-003	7.7430e-003
tblVehicleEF	SBUS	8.1800e-004	8.3000e-005
tblVehicleEF	SBUS	5.2270e-003	2.2630e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.79	0.85
tblVehicleEF	SBUS	3.2640e-003	1.4440e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.03	0.15
tblVehicleEF	SBUS	0.44	0.07
tblVehicleEF	UBUS	0.87	5.27

tblVehicleEF	UBUS	0.05	0.03
tblVehicleEF	UBUS	4.11	41.13
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tblVehicleEF	UBUS	145.56	17.62
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tblVehicleEF	UBUS	11.76	0.20
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	2.4010e-003	3.1560e-003
tblVehicleEF	UBUS	1.6890e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	2.2540e-003	3.0030e-003
tblVehicleEF	UBUS	1.5530e-003	1.9700e-004
tblVehicleEF	UBUS	3.9070e-003	8.4800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.1660e-003	6.5000e-004
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.74	0.12
tblVehicleEF	UBUS	8.0120e-003	3.2080e-003
tblVehicleEF	UBUS	1.5940e-003	1.7400e-004
tblVehicleEF	UBUS	3.9070e-003	8.4800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.1660e-003	6.5000e-004
tblVehicleEF	UBUS	0.92	5.39
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.81	0.13
tblVehicleEF	UBUS	0.87	5.27

tblVehicleEF	UBUS	0.05	0.03
tblVehicleEF	UBUS	4.11	41.13
tblVehicleEF	UBUS	6.60	1.61
tblVehicleEF	UBUS	1,697.01	1,973.77
tblVehicleEF	UBUS	145.56	17.27
tblVehicleEF	UBUS	0.59	0.45
tblVehicleEF	UBUS	11.71	0.19
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	2.4010e-003	3.1560e-003
tblVehicleEF	UBUS	1.6890e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	2.2540e-003	3.0030e-003
tblVehicleEF	UBUS	1.5530e-003	1.9700e-004
tblVehicleEF	UBUS	5.3440e-003	1.1740e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	4.2560e-003	9.0400e-004
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.69	0.11
tblVehicleEF	UBUS	8.0120e-003	3.2080e-003
tblVehicleEF	UBUS	1.5790e-003	1.7100e-004
tblVehicleEF	UBUS	5.3440e-003	1.1740e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	4.2560e-003	9.0400e-004
tblVehicleEF	UBUS	0.92	5.39
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.75	0.12
tblVehicleEF	UBUS	0.87	5.27

tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	4.11	41.13
tblVehicleEF	UBUS	7.59	1.85
tblVehicleEF	UBUS	1,697.01	1,973.77
tblVehicleEF	UBUS	145.56	17.69
tblVehicleEF	UBUS	0.62	0.46
tblVehicleEF	UBUS	11.77	0.20
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	2.4010e-003	3.1560e-003
tblVehicleEF	UBUS	1.6890e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	2.2540e-003	3.0030e-003
tblVehicleEF	UBUS	1.5530e-003	1.9700e-004
tblVehicleEF	UBUS	3.7900e-003	8.6600e-004
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	3.0100e-003	6.3400e-004
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.75	0.12
tblVehicleEF	UBUS	8.0120e-003	3.2080e-003
tblVehicleEF	UBUS	1.5970e-003	1.7500e-004
tblVehicleEF	UBUS	3.7900e-003	8.6600e-004
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	3.0100e-003	6.3400e-004
tblVehicleEF	UBUS	0.92	5.39
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.82	0.13
tblVehicleTrips	ST_TR	7.16	23.60

tblVehicleTrips	ST_TR	6.39	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	10.37	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	21.88
tblVehicleTrips	SU_TR	5.86	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	36.63	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	21.88
tblVehicleTrips	WD_TR	6.65	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.11	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	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					
2044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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 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					
2044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	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	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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	8.1973	0.3709	13.0195	2.1000e-003		0.0899	0.0899		0.0899	0.0899	0.0000	277.9876	277.9876	0.0251	4.7100e-003	280.0189
Energy	0.1211	1.0553	0.5882	6.6100e-003		0.0837	0.0837		0.0837	0.0837	0.0000	1,198.8041	1,198.8041	0.0230	0.0220	1,205.9280
Mobile	3.7056	10.4849	52.5579	0.1841	26.0883	0.0972	26.1855	6.9826	0.0913	7.0739	0.0000	17,367.1952	17,367.1952	1.0790	0.0000	17,394.1692
Waste						0.0000	0.0000		0.0000	0.0000	284.7760	0.0000	284.7760	16.8298	0.0000	705.5205
Water						0.0000	0.0000		0.0000	0.0000	57.0112	0.0000	57.0112	5.8556	0.1383	244.6036
Total	12.0240	11.9110	66.1656	0.1928	26.0883	0.2707	26.3591	6.9826	0.2649	7.2475	341.7872	18,843.9869	19,185.7741	23.8125	0.1650	19,830.2401

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	8.1713	0.1492	12.9252	6.9000e-004		0.0720	0.0720		0.0720	0.0720	0.0000	21.2090	21.2090	0.0202	0.0000	21.7144
Energy	0.1211	1.0553	0.5882	6.6100e-003		0.0837	0.0837		0.0837	0.0837	0.0000	1,198.8041	1,198.8041	0.0230	0.0220	1,205.9280
Mobile	3.7056	10.4849	52.5579	0.1841	26.0883	0.0972	26.1855	6.9826	0.0913	7.0739	0.0000	17,367.1952	17,367.1952	1.0790	0.0000	17,394.1692
Waste						0.0000	0.0000		0.0000	0.0000	71.1940	0.0000	71.1940	4.2075	0.0000	176.3801
Water						0.0000	0.0000		0.0000	0.0000	45.6090	0.0000	45.6090	4.6845	0.1106	195.6828

Total	11.9980	11.6893	66.0712	0.1914	26.0883	0.2528	26.3411	6.9826	0.2470	7.2296	116.8030	18,587.20	18,704.011	10.0141	0.1326	18,993.87
												82	2			45

	ROG	NOx	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	0.22	1.86	0.14	0.73	0.00	6.62	0.07	0.00	6.76	0.25	65.83	1.36	2.51	57.95	19.62	4.22

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/1/2044	11/30/2044	5	0	
2	Site Preparation	Site Preparation	4/20/2045	4/19/2045	5	0	
3	Grading	Grading	7/13/2045	7/12/2045	5	0	
4	Building Construction	Building Construction	2/15/2046	2/14/2046	5	0	
5	Paving	Paving	1/25/2052	1/24/2052	5	0	
6	Architectural Coating	Architectural Coating	6/27/2052	6/26/2052	5	0	

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; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38

Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Building Construction	Welders	0	8.00	46	0.45
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	0	8.00	132	0.36
Paving	Rollers	0	8.00	80	0.38
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2044

Unmitigated Construction On-Site

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
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Mitigated Construction Off-Site

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

3.3 Site Preparation - 2045

Unmitigated Construction On-Site

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

Unmitigated Construction Off-Site

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

Mitigated Construction On-Site

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

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					

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

3.5 Building Construction - 2046

Unmitigated Construction On-Site

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
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Mitigated Construction Off-Site

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

3.6 Paving - 2052

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000	0.0000	0.0000	0.0000	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	0.0000

Unmitigated Construction Off-Site

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

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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000	0.0000	0.0000	0.0000	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	0.0000

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					

Mitigated Construction On-Site

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

Mitigated Construction Off-Site

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.7056	10.4849	52.5579	0.1841	26.0883	0.0972	26.1855	6.9826	0.0913	7.0739	0.0000	17,367.1952	17,367.1952	1.0790	0.0000	17,394.1692
Unmitigated	3.7056	10.4849	52.5579	0.1841	26.0883	0.0972	26.1855	6.9826	0.0913	7.0739	0.0000	17,367.1952	17,367.1952	1.0790	0.0000	17,394.1692

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	19,910.80	21,476.00	19,910.80	68,802,304	68,802,304
Apartments Mid Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Place of Worship	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	19,910.80	21,476.00	19,910.80	68,802,304	68,802,304

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Place of Worship	16.60	8.40	6.90	0.00	95.00	5.00	64	25	11
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
Apartments Mid Rise	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
General Light Industry	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
General Office Building	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
Place of Worship	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
Regional Shopping Center	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
Single Family Housing	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738

5.0 Energy Detail

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	0.1211	1.0553	0.5882	6.6100e-003		0.0837	0.0837		0.0837	0.0837	0.0000	1,198.8041	1,198.8041	0.0230	0.0220	1,205.9280
NaturalGas Unmitigated	0.1211	1.0553	0.5882	6.6100e-003		0.0837	0.0837		0.0837	0.0837	0.0000	1,198.8041	1,198.8041	0.0230	0.0220	1,205.9280

5.2 Energy by Land Use - NaturalGas

Unmitigated

	Natural Gas 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					
Apartments Low Rise	1.16112e+007	0.0626	0.5350	0.2277	3.4200e-003		0.0433	0.0433		0.0433	0.0433	0.0000	619.6193	619.6193	0.0119	0.0114	623.3014
Apartments Mid Rise	3.9539e+006	0.0213	0.1822	0.0775	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	210.9952	210.9952	4.0400e-003	3.8700e-003	212.2491
General Light Industry	5.25704e+006	0.0284	0.2577	0.2165	1.5500e-003		0.0196	0.0196		0.0196	0.0196	0.0000	280.5357	280.5357	5.3800e-003	5.1400e-003	282.2027
General Office Building	626995	3.3800e-003	0.0307	0.0258	1.8000e-004		2.3400e-003	2.3400e-003		2.3400e-003	2.3400e-003	0.0000	33.4588	33.4588	6.4000e-004	6.1000e-004	33.6577
Place of Worship	234164	1.2600e-003	0.0115	9.6400e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.4959	12.4959	2.4000e-004	2.3000e-004	12.5701
Regional Shopping Center	729804	3.9400e-003	0.0358	0.0301	2.1000e-004		2.7200e-003	2.7200e-003		2.7200e-003	2.7200e-003	0.0000	38.9451	38.9451	7.5000e-004	7.1000e-004	39.1766
Single Family Housing	51609.8	2.8000e-004	2.3800e-003	1.0100e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.7541	2.7541	5.0000e-005	5.0000e-005	2.7705
Total		0.1211	1.0553	0.5882	6.6100e-003		0.0837	0.0837		0.0837	0.0837	0.0000	1,198.8041	1,198.8041	0.0230	0.0220	1,205.9280

Mitigated

	Natural Gas 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					
Apartments Low Rise	1.16112e+007	0.0626	0.5350	0.2277	3.4200e-003		0.0433	0.0433		0.0433	0.0433	0.0000	619.6193	619.6193	0.0119	0.0114	623.3014
Apartments Mid Rise	3.9539e+006	0.0213	0.1822	0.0775	1.1600e-003		0.0147	0.0147		0.0147	0.0147	0.0000	210.9952	210.9952	4.0400e-003	3.8700e-003	212.2491
General Light Industry	5.25704e+006	0.0284	0.2577	0.2165	1.5500e-003		0.0196	0.0196		0.0196	0.0196	0.0000	280.5357	280.5357	5.3800e-003	5.1400e-003	282.2027
General Office Building	626995	3.3800e-003	0.0307	0.0258	1.8000e-004		2.3400e-003	2.3400e-003		2.3400e-003	2.3400e-003	0.0000	33.4588	33.4588	6.4000e-004	6.1000e-004	33.6577
Place of Worship	234164	1.2600e-003	0.0115	9.6400e-003	7.0000e-005		8.7000e-004	8.7000e-004		8.7000e-004	8.7000e-004	0.0000	12.4959	12.4959	2.4000e-004	2.3000e-004	12.5701

Regional Shopping Center	729804	3.9400e-003	0.0358	0.0301	2.1000e-004		2.7200e-003	2.7200e-003		2.7200e-003	2.7200e-003	0.0000	38.9451	38.9451	7.5000e-004	7.1000e-004	39.1766
Single Family Housing	51609.8	2.8000e-004	2.3800e-003	1.0100e-003	2.0000e-005		1.9000e-004	1.9000e-004		1.9000e-004	1.9000e-004	0.0000	2.7541	2.7541	5.0000e-005	5.0000e-005	2.7705
Total		0.1211	1.0553	0.5882	6.6100e-003		0.0837	0.0837		0.0837	0.0837	0.0000	1,198.8041	1,198.8041	0.0230	0.0220	1,205.9280

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	3.78572e+006	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	1.37545e+006	0.0000	0.0000	0.0000	0.0000
General Light Industry	2.12545e+006	0.0000	0.0000	0.0000	0.0000
General Office Building	959700	0.0000	0.0000	0.0000	0.0000
Place of Worship	94673.8	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	4.17448e+006	0.0000	0.0000	0.0000	0.0000
Single Family Housing	16037.1	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			

Apartments Low Rise	3.78572e+006	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	1.37545e+006	0.0000	0.0000	0.0000	0.0000
General Light Industry	2.12545e+006	0.0000	0.0000	0.0000	0.0000
General Office Building	959700	0.0000	0.0000	0.0000	0.0000
Place of Worship	94673.8	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	4.17448e+006	0.0000	0.0000	0.0000	0.0000
Single Family Housing	16037.1	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

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive 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	8.1713	0.1492	12.9252	6.9000e-004		0.0720	0.0720		0.0720	0.0720	0.0000	21.2090	21.2090	0.0202	0.0000	21.7144
Unmitigated	8.1973	0.3709	13.0195	2.1000e-003		0.0899	0.0899		0.0899	0.0899	0.0000	277.9876	277.9876	0.0251	4.7100e-003	280.0189

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	0.7168						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	7.0674						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Hearth	0.0260	0.2217	0.0944	1.4200e-003			0.0179	0.0179		0.0179	0.0179	0.0000	256.7786	256.7786	4.9200e-003	4.7100e-003	258.3046
Landscaping	0.3871	0.1492	12.9252	6.9000e-004			0.0720	0.0720		0.0720	0.0720	0.0000	21.2090	21.2090	0.0202	0.0000	21.7144
Total	8.1973	0.3709	13.0195	2.1100e-003			0.0899	0.0899		0.0899	0.0899	0.0000	277.9876	277.9876	0.0251	4.7100e-003	280.0189

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	0.7168						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	7.0674						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Hearth	0.0000	0.0000	0.0000	0.0000			0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	0.3871	0.1492	12.9252	6.9000e-004			0.0720	0.0720		0.0720	0.0720	0.0000	21.2090	21.2090	0.0202	0.0000	21.7144
Total	8.1713	0.1492	12.9252	6.9000e-004			0.0720	0.0720		0.0720	0.0720	0.0000	21.2090	21.2090	0.0202	0.0000	21.7144

7.0 Water Detail

7.1 Mitigation Measures Water

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

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	45.6090	4.6845	0.1106	195.6828
Unmitigated	57.0112	5.8556	0.1383	244.6036

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	59.2902 / 37.3786	18.8100	1.9320	0.0456	80.7035
Apartments Mid Rise	22.5433 / 14.2121	7.1520	0.7346	0.0173	30.6851
General Light Industry	58.1663 / 0	18.4535	1.8954	0.0448	79.1737

General Office Building	12.1925 / 7.47284	3.8681	0.3973	9.3800e-003	16.5960
Place of Worship	0.350436 / 0.548117	0.1112	0.0114	2.7000e-004	0.4770
Regional Shopping Center	27.0291 / 16.5662	8.5751	0.8807	0.0208	36.7909
Single Family Housing	0.130308 / 0.0821507	0.0413	4.2500e-003	1.0000e-004	0.1774
Total		57.0112	5.8556	0.1383	244.6036

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	47.4321 / 35.0985	15.0480	1.5456	0.0365	64.5628
Apartments Mid Rise	18.0346 / 13.3451	5.7216	0.5877	0.0139	24.5481
General Light Industry	46.5331 / 0	14.7628	1.5163	0.0358	63.3390
General Office Building	9.75403 / 7.017	3.0945	0.3178	7.5000e-003	13.2768
Place of Worship	0.280349 / 0.514682	0.0889	9.1400e-003	2.2000e-004	0.3816
Regional Shopping Center	21.6233 / 15.5557	6.8601	0.7046	0.0166	29.4327
Single Family Housing	0.104246 / 0.0771395	0.0331	3.4000e-003	8.0000e-005	0.1419
Total		45.6090	4.6845	0.1106	195.6829

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	71.1940	4.2075	0.0000	176.3801
Unmitigated	284.7760	16.8298	0.0000	705.5205

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	418.6	84.9720	5.0217	0.0000	210.5146
Apartments Mid Rise	159.16	32.3080	1.9094	0.0000	80.0418
General Light Industry	311.9	63.3129	3.7417	0.0000	156.8550
General Office Building	63.8	12.9508	0.7654	0.0000	32.0851
Place of Worship	63.84	12.9589	0.7659	0.0000	32.1052
Regional Shopping Center	383.14	77.7740	4.5963	0.0000	192.6817
Single Family Housing	2.46	0.4994	0.0295	0.0000	1.2371
Total		284.7760	16.8298	0.0000	705.5206

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	104.65	21.2430	1.2554	0.0000	52.6286
Apartments Mid Rise	39.79	8.0770	0.4773	0.0000	20.0105
General Light Industry	77.975	15.8282	0.9354	0.0000	39.2138
General Office Building	15.95	3.2377	0.1913	0.0000	8.0213
Place of Worship	15.96	3.2397	0.1915	0.0000	8.0263
Regional Shopping Center	95.785	19.4435	1.1491	0.0000	48.1704
Single Family Housing	0.615	0.1248	7.3800e-003	0.0000	0.3093
Total		71.1940	4.2075	0.0000	176.3801

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Doheny Village Zoning District Update - Proposed Project 2045 - Orange County, Summer

Doheny Village Zoning District Update - Proposed Project 2045
Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	68.60	1000sqft	1.57	68,599.00	0
Place of Worship	11.20	1000sqft	0.26	11,204.00	0
General Light Industry	251.53	1000sqft	5.77	251,533.00	0
Apartments Low Rise	910.00	Dwelling Unit	56.88	910,000.00	2603
Apartments Mid Rise	346.00	Dwelling Unit	9.11	346,000.00	990
Single Family Housing	2.00	Dwelling Unit	0.65	3,600.00	6
Regional Shopping Center	364.90	1000sqft	8.38	364,902.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2045
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Senate Bill 100: 100% Renewable Energy by 2045.
 Land Use - Operational emissions - no development proposed as part of project.
 Construction Phase - No development proposed as part of project.

Trips and VMT - No Construction proposed.

Grading -

Architectural Coating - No Construction Emissions.

Vehicle Trips - Vehicle Trips - Traffic Study Table 5-2, proposed projectr = 19,912 trips daily & 21,479 on Saturdays. All trips were put on a single land use.

Vehicle Emission Factors - EMFAC 2017 Orange County 2045

Vehicle Emission Factors - EMFAC 2017 Orange County 2045

Vehicle Emission Factors - EMFAC 2017 Orange County 2045

Woodstoves - SCAQMD Rule 445 - no wood burning allowed.

Energy Use -

Area Mitigation - SCAQMD Rule 1113

Water Mitigation - 2019 Title 24 Standards

Waste Mitigation - AB 341 - 2020 target of 75% reduction

Off-road Equipment - No development proposed as part of project.

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	348,119.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,044,357.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	850,230.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	2,550,690.00	0.00
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	1,550.00	0.00
tblConstructionPhase	NumDays	100.00	0.00
tblConstructionPhase	NumDays	155.00	0.00
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	60.00	0.00

tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblLandUse	LandUseSquareFeet	68,600.00	68,599.00
tblLandUse	LandUseSquareFeet	11,200.00	11,204.00
tblLandUse	LandUseSquareFeet	251,530.00	251,533.00
tblLandUse	LandUseSquareFeet	364,900.00	364,902.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	VendorTripNumber	249.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00

tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,154.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	231.00	0.00
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tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	1.21	6.31
tblVehicleEF	HHD	1.31	0.78
tblVehicleEF	HHD	5.50	0.01
tblVehicleEF	HHD	3,535.25	807.67
tblVehicleEF	HHD	1,501.31	1,026.59
tblVehicleEF	HHD	16.68	0.10
tblVehicleEF	HHD	10.05	5.08
tblVehicleEF	HHD	1.15	1.99
tblVehicleEF	HHD	18.54	2.49
tblVehicleEF	HHD	1.3520e-003	1.8810e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1180e-003	0.02
tblVehicleEF	HHD	2.0800e-004	1.0000e-006
tblVehicleEF	HHD	1.2940e-003	1.8000e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6830e-003	8.7540e-003
tblVehicleEF	HHD	4.8960e-003	0.02
tblVehicleEF	HHD	1.9100e-004	1.0000e-006
tblVehicleEF	HHD	1.7300e-004	4.0000e-006
tblVehicleEF	HHD	6.8230e-003	1.4500e-004
tblVehicleEF	HHD	0.30	0.41

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tblVehicleEF	HHD	0.07	0.02
tblVehicleEF	HHD	6.4100e-004	7.2000e-004
tblVehicleEF	HHD	0.09	3.0000e-006
tblVehicleEF	HHD	0.03	7.2940e-003
tblVehicleEF	HHD	0.01	8.7450e-003
tblVehicleEF	HHD	2.5600e-004	1.0000e-006
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tblVehicleEF	HHD	0.24	0.18
tblVehicleEF	HHD	6.4100e-004	7.2000e-004
tblVehicleEF	HHD	0.10	3.0000e-006
tblVehicleEF	HHD	0.25	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
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tblVehicleEF	HHD	1.32	0.78
tblVehicleEF	HHD	5.24	0.01
tblVehicleEF	HHD	3,745.28	797.28
tblVehicleEF	HHD	1,501.31	1,026.59
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tblVehicleEF	HHD	1.09	1.89
tblVehicleEF	HHD	18.53	2.49
tblVehicleEF	HHD	1.1400e-003	1.6690e-003
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tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1180e-003	0.02

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tblVehicleEF	HHD	8.6830e-003	8.7540e-003
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tblVehicleEF	HHD	0.28	0.43
tblVehicleEF	HHD	1.8800e-004	4.0000e-006
tblVehicleEF	HHD	0.07	0.02
tblVehicleEF	HHD	6.1400e-004	6.8900e-004
tblVehicleEF	HHD	0.09	3.0000e-006
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tblVehicleEF	HHD	0.01	8.7450e-003
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tblVehicleEF	HHD	2.4400e-004	5.0000e-006
tblVehicleEF	HHD	6.9320e-003	1.4800e-004
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tblVehicleEF	HHD	1.8800e-004	4.0000e-006
tblVehicleEF	HHD	0.24	0.18
tblVehicleEF	HHD	6.1400e-004	6.8900e-004
tblVehicleEF	HHD	0.10	3.0000e-006
tblVehicleEF	HHD	0.29	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
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tblVehicleEF	HHD	1.13	1.96
tblVehicleEF	HHD	18.55	2.49
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tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1180e-003	0.02
tblVehicleEF	HHD	2.0800e-004	1.0000e-006
tblVehicleEF	HHD	1.5740e-003	2.0810e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6830e-003	8.7540e-003
tblVehicleEF	HHD	4.8960e-003	0.02
tblVehicleEF	HHD	1.9100e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	7.0870e-003	1.5100e-004
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tblVehicleEF	HHD	0.07	0.02
tblVehicleEF	HHD	7.0600e-004	7.9200e-004
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tblVehicleEF	HHD	7.0870e-003	1.5100e-004
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tblVehicleEF	HHD	1.3800e-004	3.0000e-006
tblVehicleEF	HHD	0.24	0.18

tblVehicleEF	HHD	7.0600e-004	7.9200e-004
tblVehicleEF	HHD	0.10	3.0000e-006
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tblVehicleEF	LDA	4.9000e-004	0.02
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tblVehicleEF	LDA	0.29	1.24
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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	9.8030e-003	0.10
tblVehicleEF	LDA	6.1900e-004	5.2300e-004
tblVehicleEF	LDA	8.3500e-004	6.3700e-004
tblVehicleEF	LDA	5.6900e-004	4.8100e-004
tblVehicleEF	LDA	7.6800e-004	5.8600e-004
tblVehicleEF	LDA	9.0850e-003	0.01
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.5850e-003	0.02
tblVehicleEF	LDA	3.1910e-003	1.7140e-003
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	6.6040e-003	0.06
tblVehicleEF	LDA	1.6490e-003	1.8000e-003
tblVehicleEF	LDA	3.5200e-004	3.5500e-004
tblVehicleEF	LDA	9.0850e-003	0.01
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.5850e-003	0.02
tblVehicleEF	LDA	4.6390e-003	2.4820e-003
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	7.2310e-003	0.06
tblVehicleEF	LDA	1.3440e-003	6.5400e-004
tblVehicleEF	LDA	4.4200e-004	0.01

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tblVehicleEF	LDA	171.87	189.44
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tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	9.1160e-003	0.09
tblVehicleEF	LDA	6.1900e-004	5.2300e-004
tblVehicleEF	LDA	8.3500e-004	6.3700e-004
tblVehicleEF	LDA	5.6900e-004	4.8100e-004
tblVehicleEF	LDA	7.6800e-004	5.8600e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	3.3750e-003	1.8110e-003
tblVehicleEF	LDA	0.03	0.12
tblVehicleEF	LDA	5.9550e-003	0.05
tblVehicleEF	LDA	1.7190e-003	1.8740e-003
tblVehicleEF	LDA	3.5200e-004	3.5300e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	4.9070e-003	2.6230e-003
tblVehicleEF	LDA	0.03	0.12
tblVehicleEF	LDA	6.5200e-003	0.06
tblVehicleEF	LDA	1.2440e-003	5.9900e-004
tblVehicleEF	LDA	5.0000e-004	0.02
tblVehicleEF	LDA	0.24	0.36
tblVehicleEF	LDA	0.29	1.28
tblVehicleEF	LDA	162.36	179.26
tblVehicleEF	LDA	34.83	35.97

tbIVehicleEF	LDA	0.02	0.01
tbIVehicleEF	LDA	9.9550e-003	0.10
tbIVehicleEF	LDA	6.1900e-004	5.2300e-004
tbIVehicleEF	LDA	8.3500e-004	6.3700e-004
tbIVehicleEF	LDA	5.6900e-004	4.8100e-004
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tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.6010e-003	0.02
tbIVehicleEF	LDA	3.1300e-003	1.6810e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	6.7380e-003	0.06
tbIVehicleEF	LDA	1.6230e-003	1.7730e-003
tbIVehicleEF	LDA	3.5200e-004	3.5600e-004
tbIVehicleEF	LDA	8.6160e-003	0.01
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.6010e-003	0.02
tbIVehicleEF	LDA	4.5490e-003	2.4340e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	7.3770e-003	0.06
tbIVehicleEF	LDT1	1.7630e-003	6.9200e-004
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tbIVehicleEF	LDT1	0.40	1.33
tbIVehicleEF	LDT1	209.31	217.01
tbIVehicleEF	LDT1	45.17	43.51
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	0.02	0.12
tbIVehicleEF	LDT1	7.8600e-004	5.8600e-004
tbIVehicleEF	LDT1	1.1040e-003	7.3300e-004

tblVehicleEF	LDT1	7.2300e-004	5.3900e-004
tblVehicleEF	LDT1	1.0150e-003	6.7400e-004
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tblVehicleEF	LDT1	0.02	0.03
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tblVehicleEF	LDT1	0.02	0.03
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tblVehicleEF	LDT1	0.01	0.07
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tblVehicleEF	LDT1	1.1040e-003	7.3300e-004
tblVehicleEF	LDT1	7.2300e-004	5.3900e-004
tblVehicleEF	LDT1	1.0150e-003	6.7400e-004
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.05	0.05

tblVehicleEF	LDT1	0.03	0.04
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tblVehicleEF	LDT1	0.04	0.17
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tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	6.7400e-003	2.9770e-003
tblVehicleEF	LDT1	0.04	0.17
tblVehicleEF	LDT1	0.01	0.07
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tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.03
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tblVehicleEF	LDT1	0.01	0.07

tblVehicleEF	LDT1	2.0630e-003	2.1200e-003
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tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	6.2530e-003	2.7620e-003
tblVehicleEF	LDT1	0.05	0.21
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT2	1.9140e-003	8.8500e-004
tblVehicleEF	LDT2	9.5900e-004	0.02
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tblVehicleEF	LDT2	0.45	1.68
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tblVehicleEF	LDT2	51.48	43.27
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tblVehicleEF	LDT2	0.02	0.11
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tblVehicleEF	LDT2	9.9100e-004	6.7000e-004
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tblVehicleEF	LDT2	9.1100e-004	6.1600e-004
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tblVehicleEF	LDT2	0.03	0.04
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tblVehicleEF	LDT2	0.03	0.17
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tblVehicleEF	LDT2	2.4130e-003	2.1370e-003
tblVehicleEF	LDT2	5.2100e-004	4.2800e-004
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tblVehicleEF	LDT2	0.03	0.04

tblVehicleEF	LDT2	0.02	0.03
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tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.0240e-003	9.4300e-004
tblVehicleEF	LDT2	8.9900e-004	0.02
tblVehicleEF	LDT2	0.41	0.48
tblVehicleEF	LDT2	0.42	1.45
tblVehicleEF	LDT2	251.10	222.84
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tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	7.3800e-004	5.9500e-004
tblVehicleEF	LDT2	9.9100e-004	6.7000e-004
tblVehicleEF	LDT2	6.7900e-004	5.4900e-004
tblVehicleEF	LDT2	9.1100e-004	6.1600e-004
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tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	5.0410e-003	2.8340e-003
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	0.01	0.08
tblVehicleEF	LDT2	2.5130e-003	2.2040e-003
tblVehicleEF	LDT2	5.2100e-004	4.2400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	7.3440e-003	4.0810e-003
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	0.01	0.08

tblVehicleEF	LDT2	1.8770e-003	8.6600e-004
tblVehicleEF	LDT2	9.7100e-004	0.02
tblVehicleEF	LDT2	0.37	0.43
tblVehicleEF	LDT2	0.46	1.73
tblVehicleEF	LDT2	237.49	213.55
tblVehicleEF	LDT2	51.48	43.35
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	7.3800e-004	5.9500e-004
tblVehicleEF	LDT2	9.9100e-004	6.7000e-004
tblVehicleEF	LDT2	6.7900e-004	5.4900e-004
tblVehicleEF	LDT2	9.1100e-004	6.1600e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	4.6780e-003	2.6410e-003
tblVehicleEF	LDT2	0.04	0.20
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.3760e-003	2.1120e-003
tblVehicleEF	LDT2	5.2100e-004	4.2900e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	6.8140e-003	3.7990e-003
tblVehicleEF	LDT2	0.04	0.20
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LHD1	2.3610e-003	3.1040e-003
tblVehicleEF	LHD1	1.6960e-003	1.4400e-003
tblVehicleEF	LHD1	2.8690e-003	4.7090e-003
tblVehicleEF	LHD1	0.12	0.16

tblVehicleEF	LHD1	0.17	0.15
tblVehicleEF	LHD1	0.86	0.67
tblVehicleEF	LHD1	8.89	7.51
tblVehicleEF	LHD1	516.58	498.64
tblVehicleEF	LHD1	19.41	7.75
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.25	0.15
tblVehicleEF	LHD1	6.5600e-004	1.0980e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.3710e-003	3.4640e-003
tblVehicleEF	LHD1	4.0000e-004	1.6300e-004
tblVehicleEF	LHD1	6.2800e-004	1.0510e-003
tblVehicleEF	LHD1	2.6870e-003	2.5370e-003
tblVehicleEF	LHD1	4.1680e-003	3.2940e-003
tblVehicleEF	LHD1	3.6800e-004	1.5000e-004
tblVehicleEF	LHD1	7.3600e-004	9.1700e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	6.0900e-004	7.4900e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	8.7000e-005	7.2000e-005
tblVehicleEF	LHD1	5.0250e-003	4.8450e-003
tblVehicleEF	LHD1	2.0800e-004	7.7000e-005
tblVehicleEF	LHD1	7.3600e-004	9.1700e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	6.0900e-004	7.4900e-004

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	2.3610e-003	3.1100e-003
tblVehicleEF	LHD1	1.7050e-003	1.4510e-003
tblVehicleEF	LHD1	2.7730e-003	4.5620e-003
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.17	0.15
tblVehicleEF	LHD1	0.82	0.64
tblVehicleEF	LHD1	8.89	7.51
tblVehicleEF	LHD1	516.58	498.65
tblVehicleEF	LHD1	19.41	7.70
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.24	0.14
tblVehicleEF	LHD1	6.5600e-004	1.0980e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.3710e-003	3.4640e-003
tblVehicleEF	LHD1	4.0000e-004	1.6300e-004
tblVehicleEF	LHD1	6.2800e-004	1.0510e-003
tblVehicleEF	LHD1	2.6870e-003	2.5370e-003
tblVehicleEF	LHD1	4.1680e-003	3.2940e-003
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tblVehicleEF	LHD1	1.0350e-003	1.2910e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.0800e-004	9.9700e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02

tblVehicleEF	LHD1	8.7000e-005	7.2000e-005
tblVehicleEF	LHD1	5.0250e-003	4.8450e-003
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tblVehicleEF	LHD1	1.0350e-003	1.2910e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	8.0800e-004	9.9700e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	2.3610e-003	3.1030e-003
tblVehicleEF	LHD1	1.6940e-003	1.4380e-003
tblVehicleEF	LHD1	2.8880e-003	4.7390e-003
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.17	0.15
tblVehicleEF	LHD1	0.86	0.67
tblVehicleEF	LHD1	8.89	7.51
tblVehicleEF	LHD1	516.58	498.64
tblVehicleEF	LHD1	19.41	7.75
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.26	0.15
tblVehicleEF	LHD1	6.5600e-004	1.0980e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.3710e-003	3.4640e-003
tblVehicleEF	LHD1	4.0000e-004	1.6300e-004
tblVehicleEF	LHD1	6.2800e-004	1.0510e-003
tblVehicleEF	LHD1	2.6870e-003	2.5370e-003
tblVehicleEF	LHD1	4.1680e-003	3.2940e-003
tblVehicleEF	LHD1	3.6800e-004	1.5000e-004

tblVehicleEF	LHD1	6.8100e-004	8.5300e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9400e-004	7.3100e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.06	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	8.7000e-005	7.2000e-005
tblVehicleEF	LHD1	5.0250e-003	4.8450e-003
tblVehicleEF	LHD1	2.0900e-004	7.7000e-005
tblVehicleEF	LHD1	6.8100e-004	8.5300e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.9400e-004	7.3100e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.06	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD2	2.0850e-003	2.0890e-003
tblVehicleEF	LHD2	1.5940e-003	1.6080e-003
tblVehicleEF	LHD2	1.8880e-003	2.8370e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.79	0.42
tblVehicleEF	LHD2	13.28	11.77
tblVehicleEF	LHD2	559.88	505.82
tblVehicleEF	LHD2	20.95	5.53
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.18	0.09
tblVehicleEF	LHD2	8.3500e-004	1.5070e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.9830e-003	9.4130e-003
tblVehicleEF	LHD2	3.8500e-004	1.0100e-004
tblVehicleEF	LHD2	7.9900e-004	1.4420e-003
tblVehicleEF	LHD2	2.7110e-003	2.7200e-003
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tblVehicleEF	LHD2	3.5400e-004	9.3000e-005
tblVehicleEF	LHD2	5.0500e-004	5.9500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0500e-004	4.8700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4390e-003	4.8730e-003
tblVehicleEF	LHD2	2.2200e-004	5.5000e-005
tblVehicleEF	LHD2	5.0500e-004	5.9500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0500e-004	4.8700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0850e-003	2.0930e-003
tblVehicleEF	LHD2	1.6010e-003	1.6140e-003
tblVehicleEF	LHD2	1.8840e-003	2.7490e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.76	0.40

tblVehicleEF	LHD2	13.28	11.77
tblVehicleEF	LHD2	559.88	505.82
tblVehicleEF	LHD2	20.95	5.50
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.3500e-004	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.9830e-003	9.4130e-003
tblVehicleEF	LHD2	3.8500e-004	1.0100e-004
tblVehicleEF	LHD2	7.9900e-004	1.4420e-003
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tblVehicleEF	LHD2	3.5400e-004	9.3000e-005
tblVehicleEF	LHD2	7.1300e-004	8.3700e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.4300e-004	6.4700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08
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tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4390e-003	4.8730e-003
tblVehicleEF	LHD2	2.2200e-004	5.4000e-005
tblVehicleEF	LHD2	7.1300e-004	8.3700e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4300e-004	6.4700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08

tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0850e-003	2.0880e-003
tblVehicleEF	LHD2	1.5930e-003	1.6070e-003
tblVehicleEF	LHD2	1.8890e-003	2.8550e-003
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tblVehicleEF	LHD2	559.88	505.82
tblVehicleEF	LHD2	20.95	5.53
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.18	0.09
tblVehicleEF	LHD2	8.3500e-004	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.9830e-003	9.4130e-003
tblVehicleEF	LHD2	3.8500e-004	1.0100e-004
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tblVehicleEF	LHD2	4.7500e-004	5.5200e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.9700e-004	4.7500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4390e-003	4.8730e-003

tblVehicleEF	LHD2	2.2300e-004	5.5000e-005
tblVehicleEF	LHD2	4.7500e-004	5.5200e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9700e-004	4.7500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.14	0.22
tblVehicleEF	MCY	16.82	16.84
tblVehicleEF	MCY	9.81	8.73
tblVehicleEF	MCY	180.00	214.11
tblVehicleEF	MCY	41.14	56.50
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.4770e-003	2.4740e-003
tblVehicleEF	MCY	3.3690e-003	2.9710e-003
tblVehicleEF	MCY	2.3100e-003	2.3070e-003
tblVehicleEF	MCY	3.1420e-003	2.7710e-003
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.64	0.67
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.27	2.27
tblVehicleEF	MCY	0.48	1.20
tblVehicleEF	MCY	1.93	1.72
tblVehicleEF	MCY	2.1440e-003	2.1190e-003
tblVehicleEF	MCY	6.2800e-004	5.5900e-004
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.64	0.67

tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.85	2.85
tblVehicleEF	MCY	0.48	1.20
tblVehicleEF	MCY	2.11	1.87
tblVehicleEF	MCY	0.48	0.33
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	16.28	16.30
tblVehicleEF	MCY	8.96	7.93
tblVehicleEF	MCY	180.00	213.11
tblVehicleEF	MCY	41.14	54.69
tblVehicleEF	MCY	0.97	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.4770e-003	2.4740e-003
tblVehicleEF	MCY	3.3690e-003	2.9710e-003
tblVehicleEF	MCY	2.3100e-003	2.3070e-003
tblVehicleEF	MCY	3.1420e-003	2.7710e-003
tblVehicleEF	MCY	1.76	1.81
tblVehicleEF	MCY	0.70	0.73
tblVehicleEF	MCY	1.08	1.10
tblVehicleEF	MCY	2.23	2.23
tblVehicleEF	MCY	0.44	1.10
tblVehicleEF	MCY	1.76	1.55
tblVehicleEF	MCY	2.1340e-003	2.1090e-003
tblVehicleEF	MCY	6.0900e-004	5.4100e-004
tblVehicleEF	MCY	1.76	1.81
tblVehicleEF	MCY	0.70	0.73
tblVehicleEF	MCY	1.08	1.10
tblVehicleEF	MCY	2.80	2.80
tblVehicleEF	MCY	0.44	1.10
tblVehicleEF	MCY	1.91	1.69

tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.90	16.92
tblVehicleEF	MCY	9.95	8.87
tblVehicleEF	MCY	180.00	214.26
tblVehicleEF	MCY	41.14	56.83
tblVehicleEF	MCY	1.08	1.08
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.4770e-003	2.4740e-003
tblVehicleEF	MCY	3.3690e-003	2.9710e-003
tblVehicleEF	MCY	2.3100e-003	2.3070e-003
tblVehicleEF	MCY	3.1420e-003	2.7710e-003
tblVehicleEF	MCY	1.30	1.33
tblVehicleEF	MCY	0.80	0.84
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	2.28	2.28
tblVehicleEF	MCY	0.57	1.43
tblVehicleEF	MCY	1.97	1.75
tblVehicleEF	MCY	2.1460e-003	2.1200e-003
tblVehicleEF	MCY	6.3200e-004	5.6200e-004
tblVehicleEF	MCY	1.30	1.33
tblVehicleEF	MCY	0.80	0.84
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	2.86	2.86
tblVehicleEF	MCY	0.57	1.43
tblVehicleEF	MCY	2.15	1.91
tblVehicleEF	MDV	2.3700e-003	9.3700e-004
tblVehicleEF	MDV	1.5320e-003	0.02
tblVehicleEF	MDV	0.44	0.45
tblVehicleEF	MDV	0.57	1.66

tblVehicleEF	MDV	316.36	261.84
tblVehicleEF	MDV	66.31	51.22
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.03	0.12
tblVehicleEF	MDV	7.9200e-004	5.8400e-004
tblVehicleEF	MDV	1.0580e-003	6.7600e-004
tblVehicleEF	MDV	7.2900e-004	5.3800e-004
tblVehicleEF	MDV	9.7300e-004	6.2200e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	6.0020e-003	2.9720e-003
tblVehicleEF	MDV	0.05	0.18
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	3.1610e-003	2.5870e-003
tblVehicleEF	MDV	6.7200e-004	5.0700e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	8.7080e-003	4.2740e-003
tblVehicleEF	MDV	0.05	0.18
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	2.5040e-003	9.9900e-004
tblVehicleEF	MDV	1.4160e-003	0.02
tblVehicleEF	MDV	0.48	0.49
tblVehicleEF	MDV	0.52	1.44
tblVehicleEF	MDV	328.98	268.47
tblVehicleEF	MDV	66.31	50.84
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.03	0.11

tblVehicleEF	MDV	7.9200e-004	5.8400e-004
tblVehicleEF	MDV	1.0580e-003	6.7600e-004
tblVehicleEF	MDV	7.2900e-004	5.3800e-004
tblVehicleEF	MDV	9.7300e-004	6.2200e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	6.3360e-003	3.1310e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	3.2880e-003	2.6530e-003
tblVehicleEF	MDV	6.7100e-004	5.0300e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	9.1950e-003	4.5060e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.3240e-003	9.1800e-004
tblVehicleEF	MDV	1.5560e-003	0.02
tblVehicleEF	MDV	0.42	0.43
tblVehicleEF	MDV	0.58	1.71
tblVehicleEF	MDV	311.70	259.39
tblVehicleEF	MDV	66.31	51.31
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.03	0.12
tblVehicleEF	MDV	7.9200e-004	5.8400e-004
tblVehicleEF	MDV	1.0580e-003	6.7600e-004
tblVehicleEF	MDV	7.2900e-004	5.3800e-004
tblVehicleEF	MDV	9.7300e-004	6.2200e-004

tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	5.8900e-003	2.9190e-003
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	3.1150e-003	2.5630e-003
tblVehicleEF	MDV	6.7200e-004	5.0800e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	8.5450e-003	4.1970e-003
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MH	3.2100e-003	2.8690e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.16	0.15
tblVehicleEF	MH	2.95	1.37
tblVehicleEF	MH	1,056.04	1,147.75
tblVehicleEF	MH	55.45	13.13
tblVehicleEF	MH	0.53	0.78
tblVehicleEF	MH	0.50	0.19
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	5.2530e-003	7.9460e-003
tblVehicleEF	MH	8.8400e-004	2.0800e-004
tblVehicleEF	MH	3.2210e-003	3.3120e-003
tblVehicleEF	MH	4.9930e-003	7.5730e-003
tblVehicleEF	MH	8.1300e-004	1.9200e-004
tblVehicleEF	MH	0.31	0.25
tblVehicleEF	MH	0.02	0.01

tblVehicleEF	MH	0.19	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9620e-003	0.17
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0600e-004	1.3000e-004
tblVehicleEF	MH	0.31	0.25
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.19	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9620e-003	0.17
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MH	3.2670e-003	2.9100e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.16	0.16
tblVehicleEF	MH	2.80	1.30
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tblVehicleEF	MH	55.45	13.01
tblVehicleEF	MH	0.49	0.73
tblVehicleEF	MH	0.48	0.18
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	5.2530e-003	7.9460e-003
tblVehicleEF	MH	8.8400e-004	2.0800e-004
tblVehicleEF	MH	3.2210e-003	3.3120e-003
tblVehicleEF	MH	4.9930e-003	7.5730e-003
tblVehicleEF	MH	8.1300e-004	1.9200e-004
tblVehicleEF	MH	0.43	0.35
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.25	0.20
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	2.8680e-003	0.16
tblVehicleEF	MH	0.17	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0300e-004	1.2900e-004
tblVehicleEF	MH	0.43	0.35
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.25	0.20
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.8680e-003	0.16
tblVehicleEF	MH	0.19	0.07
tblVehicleEF	MH	3.1930e-003	2.8560e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.15	0.15
tblVehicleEF	MH	2.97	1.38
tblVehicleEF	MH	1,056.04	1,147.75
tblVehicleEF	MH	55.45	13.15
tblVehicleEF	MH	0.52	0.76
tblVehicleEF	MH	0.51	0.19
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	5.2530e-003	7.9460e-003
tblVehicleEF	MH	8.8400e-004	2.0800e-004
tblVehicleEF	MH	3.2210e-003	3.3120e-003
tblVehicleEF	MH	4.9930e-003	7.5730e-003
tblVehicleEF	MH	8.1300e-004	1.9200e-004
tblVehicleEF	MH	0.29	0.24
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.1860e-003	0.18
tblVehicleEF	MH	0.18	0.06

tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0600e-004	1.3000e-004
tblVehicleEF	MH	0.29	0.24
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.1860e-003	0.18
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MHD	0.02	2.9040e-003
tblVehicleEF	MHD	1.6010e-003	5.1400e-004
tblVehicleEF	MHD	0.03	6.0950e-003
tblVehicleEF	MHD	0.29	0.31
tblVehicleEF	MHD	0.17	0.08
tblVehicleEF	MHD	2.22	0.56
tblVehicleEF	MHD	155.02	44.00
tblVehicleEF	MHD	1,093.64	756.82
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tblVehicleEF	MHD	0.40	0.23
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tblVehicleEF	MHD	3.1000e-005	5.8000e-005
tblVehicleEF	MHD	2.7310e-003	6.5300e-003
tblVehicleEF	MHD	6.7300e-004	8.5000e-005
tblVehicleEF	MHD	3.0000e-005	5.6000e-005
tblVehicleEF	MHD	2.6100e-003	6.2440e-003
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tblVehicleEF	MHD	5.8000e-004	2.9400e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.7200e-004	2.4100e-004

tblVehicleEF	MHD	0.03	7.1730e-003
tblVehicleEF	MHD	9.3590e-003	0.06
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.4890e-003	4.1800e-004
tblVehicleEF	MHD	0.01	7.2020e-003
tblVehicleEF	MHD	5.0800e-004	6.0000e-005
tblVehicleEF	MHD	5.8000e-004	2.9400e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.7200e-004	2.4100e-004
tblVehicleEF	MHD	0.03	8.4220e-003
tblVehicleEF	MHD	9.3590e-003	0.06
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	MHD	0.02	2.7660e-003
tblVehicleEF	MHD	1.6060e-003	5.1900e-004
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tblVehicleEF	MHD	0.17	0.08
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tblVehicleEF	MHD	0.41	0.22
tblVehicleEF	MHD	0.51	0.95
tblVehicleEF	MHD	12.05	1.80
tblVehicleEF	MHD	2.6000e-005	5.2000e-005
tblVehicleEF	MHD	2.7310e-003	6.5300e-003
tblVehicleEF	MHD	6.7300e-004	8.5000e-005
tblVehicleEF	MHD	2.5000e-005	4.9000e-005
tblVehicleEF	MHD	2.6100e-003	6.2440e-003

tblVehicleEF	MHD	6.1900e-004	7.8000e-005
tblVehicleEF	MHD	8.1700e-004	4.1300e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	6.2900e-004	3.2000e-004
tblVehicleEF	MHD	0.03	7.1900e-003
tblVehicleEF	MHD	8.9690e-003	0.06
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.5750e-003	4.1400e-004
tblVehicleEF	MHD	0.01	7.2020e-003
tblVehicleEF	MHD	5.0600e-004	5.9000e-005
tblVehicleEF	MHD	8.1700e-004	4.1300e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.2900e-004	3.2000e-004
tblVehicleEF	MHD	0.03	8.4460e-003
tblVehicleEF	MHD	8.9690e-003	0.06
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	0.02	3.1060e-003
tblVehicleEF	MHD	1.6000e-003	5.1200e-004
tblVehicleEF	MHD	0.03	6.1240e-003
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tblVehicleEF	MHD	0.17	0.08
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tblVehicleEF	MHD	142.33	44.56
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tblVehicleEF	MHD	0.38	0.25
tblVehicleEF	MHD	0.53	0.98
tblVehicleEF	MHD	12.07	1.80

tblVehicleEF	MHD	3.8000e-005	6.7000e-005
tblVehicleEF	MHD	2.7310e-003	6.5300e-003
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tblVehicleEF	MHD	3.6000e-005	6.4000e-005
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tblVehicleEF	MHD	5.4100e-004	2.7200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.6100e-004	2.3500e-004
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tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.3690e-003	4.2300e-004
tblVehicleEF	MHD	0.01	7.2020e-003
tblVehicleEF	MHD	5.0800e-004	6.0000e-005
tblVehicleEF	MHD	5.4100e-004	2.7200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.6100e-004	2.3500e-004
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tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	OBUS	0.01	8.3240e-003
tblVehicleEF	OBUS	2.8730e-003	1.4550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.59
tblVehicleEF	OBUS	0.22	0.16
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tblVehicleEF	OBUS	77.63	70.31

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tblVehicleEF	OBUS	1.89	0.90
tblVehicleEF	OBUS	1.5000e-005	1.1200e-004
tblVehicleEF	OBUS	2.4480e-003	6.9130e-003
tblVehicleEF	OBUS	1.0710e-003	2.1500e-004
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tblVehicleEF	OBUS	9.8500e-004	1.9800e-004
tblVehicleEF	OBUS	1.4700e-003	1.4810e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.8300e-004	9.1300e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.21
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tblVehicleEF	OBUS	7.5300e-004	6.6900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3200e-004	1.4700e-004
tblVehicleEF	OBUS	1.4700e-003	1.4810e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	8.8300e-004	9.1300e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	OBUS	0.01	8.4100e-003
tblVehicleEF	OBUS	2.9110e-003	1.4820e-003

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.22	0.16
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tblVehicleEF	OBUS	81.27	69.51
tblVehicleEF	OBUS	1,174.18	1,058.99
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tblVehicleEF	OBUS	1.87	0.89
tblVehicleEF	OBUS	1.2000e-005	1.0000e-004
tblVehicleEF	OBUS	2.4480e-003	6.9130e-003
tblVehicleEF	OBUS	1.0710e-003	2.1500e-004
tblVehicleEF	OBUS	1.2000e-005	9.5000e-005
tblVehicleEF	OBUS	2.3210e-003	6.5970e-003
tblVehicleEF	OBUS	9.8500e-004	1.9800e-004
tblVehicleEF	OBUS	2.0250e-003	2.0350e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.1840e-003	1.2130e-003
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.20
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tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.1840e-003	1.2130e-003

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tblVehicleEF	OBUS	0.01	8.2300e-003
tblVehicleEF	OBUS	2.8620e-003	1.4470e-003
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tblVehicleEF	OBUS	0.22	0.16
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tblVehicleEF	OBUS	1.90	0.90
tblVehicleEF	OBUS	1.8000e-005	1.2900e-004
tblVehicleEF	OBUS	2.4480e-003	6.9130e-003
tblVehicleEF	OBUS	1.0710e-003	2.1500e-004
tblVehicleEF	OBUS	1.7000e-005	1.2400e-004
tblVehicleEF	OBUS	2.3210e-003	6.5970e-003
tblVehicleEF	OBUS	9.8500e-004	1.9800e-004
tblVehicleEF	OBUS	1.4010e-003	1.3880e-003
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tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.5500e-004	8.7900e-004
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tblVehicleEF	OBUS	0.01	0.01

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tblVehicleEF	OBUS	0.05	0.06
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tblVehicleEF	SBUS	3.6520e-003	1.4980e-003
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tblVehicleEF	SBUS	10.14	5.18
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tblVehicleEF	SBUS	0.79	1.04
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tblVehicleEF	SBUS	1.2100e-004	2.6400e-004
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tblVehicleEF	SBUS	2.4760e-003	2.9400e-003
tblVehicleEF	SBUS	1.5620e-003	1.5500e-004
tblVehicleEF	SBUS	1.1500e-004	2.5300e-004
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tblVehicleEF	SBUS	5.5480e-003	2.4270e-003
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tblVehicleEF	SBUS	3.3850e-003	1.5020e-003
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tblVehicleEF	SBUS	0.03	0.12
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tblVehicleEF	SBUS	9.3230e-003	7.7430e-003
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tblVehicleEF	SBUS	2.4760e-003	2.9400e-003

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tblVehicleEF	SBUS	7.6310e-003	3.3340e-003
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tblVehicleEF	SBUS	1.23	0.59
tblVehicleEF	SBUS	4.5080e-003	1.9900e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.35	0.06
tblVehicleEF	SBUS	9.4060e-003	2.8770e-003
tblVehicleEF	SBUS	9.3230e-003	7.7430e-003
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tblVehicleEF	SBUS	7.6310e-003	3.3340e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.79	0.85
tblVehicleEF	SBUS	4.5080e-003	1.9900e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	0.83	0.13
tblVehicleEF	SBUS	3.6390e-003	1.4910e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	10.18	5.20
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	6.83	1.35
tblVehicleEF	SBUS	867.49	305.56
tblVehicleEF	SBUS	963.99	803.65

tblVehicleEF	SBUS	69.94	8.36
tblVehicleEF	SBUS	1.61	1.18
tblVehicleEF	SBUS	0.77	1.02
tblVehicleEF	SBUS	9.07	1.79
tblVehicleEF	SBUS	1.4700e-004	3.0500e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.4760e-003	2.9400e-003
tblVehicleEF	SBUS	1.5620e-003	1.5500e-004
tblVehicleEF	SBUS	1.4000e-004	2.9100e-004
tblVehicleEF	SBUS	2.5520e-003	2.5300e-003
tblVehicleEF	SBUS	2.3420e-003	2.7840e-003
tblVehicleEF	SBUS	1.4360e-003	1.4300e-004
tblVehicleEF	SBUS	5.2270e-003	2.2630e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.23	0.59
tblVehicleEF	SBUS	3.2640e-003	1.4440e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.03	0.15
tblVehicleEF	SBUS	0.40	0.06
tblVehicleEF	SBUS	8.6380e-003	2.9390e-003
tblVehicleEF	SBUS	9.3230e-003	7.7430e-003
tblVehicleEF	SBUS	8.1800e-004	8.3000e-005
tblVehicleEF	SBUS	5.2270e-003	2.2630e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.79	0.85
tblVehicleEF	SBUS	3.2640e-003	1.4440e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.03	0.15
tblVehicleEF	SBUS	0.44	0.07
tblVehicleEF	UBUS	0.87	5.27

tblVehicleEF	UBUS	0.05	0.03
tblVehicleEF	UBUS	4.11	41.13
tblVehicleEF	UBUS	7.44	1.81
tblVehicleEF	UBUS	1,697.01	1,973.77
tblVehicleEF	UBUS	145.56	17.62
tblVehicleEF	UBUS	0.63	0.46
tblVehicleEF	UBUS	11.76	0.20
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	2.4010e-003	3.1560e-003
tblVehicleEF	UBUS	1.6890e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	2.2540e-003	3.0030e-003
tblVehicleEF	UBUS	1.5530e-003	1.9700e-004
tblVehicleEF	UBUS	3.9070e-003	8.4800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.1660e-003	6.5000e-004
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.74	0.12
tblVehicleEF	UBUS	8.0120e-003	3.2080e-003
tblVehicleEF	UBUS	1.5940e-003	1.7400e-004
tblVehicleEF	UBUS	3.9070e-003	8.4800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.1660e-003	6.5000e-004
tblVehicleEF	UBUS	0.92	5.39
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.81	0.13
tblVehicleEF	UBUS	0.87	5.27

tblVehicleEF	UBUS	0.05	0.03
tblVehicleEF	UBUS	4.11	41.13
tblVehicleEF	UBUS	6.60	1.61
tblVehicleEF	UBUS	1,697.01	1,973.77
tblVehicleEF	UBUS	145.56	17.27
tblVehicleEF	UBUS	0.59	0.45
tblVehicleEF	UBUS	11.71	0.19
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	2.4010e-003	3.1560e-003
tblVehicleEF	UBUS	1.6890e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	2.2540e-003	3.0030e-003
tblVehicleEF	UBUS	1.5530e-003	1.9700e-004
tblVehicleEF	UBUS	5.3440e-003	1.1740e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	4.2560e-003	9.0400e-004
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.69	0.11
tblVehicleEF	UBUS	8.0120e-003	3.2080e-003
tblVehicleEF	UBUS	1.5790e-003	1.7100e-004
tblVehicleEF	UBUS	5.3440e-003	1.1740e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	4.2560e-003	9.0400e-004
tblVehicleEF	UBUS	0.92	5.39
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.75	0.12
tblVehicleEF	UBUS	0.87	5.27

tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	4.11	41.13
tblVehicleEF	UBUS	7.59	1.85
tblVehicleEF	UBUS	1,697.01	1,973.77
tblVehicleEF	UBUS	145.56	17.69
tblVehicleEF	UBUS	0.62	0.46
tblVehicleEF	UBUS	11.77	0.20
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	2.4010e-003	3.1560e-003
tblVehicleEF	UBUS	1.6890e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	2.2540e-003	3.0030e-003
tblVehicleEF	UBUS	1.5530e-003	1.9700e-004
tblVehicleEF	UBUS	3.7900e-003	8.6600e-004
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	3.0100e-003	6.3400e-004
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.75	0.12
tblVehicleEF	UBUS	8.0120e-003	3.2080e-003
tblVehicleEF	UBUS	1.5970e-003	1.7500e-004
tblVehicleEF	UBUS	3.7900e-003	8.6600e-004
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	3.0100e-003	6.3400e-004
tblVehicleEF	UBUS	0.92	5.39
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.82	0.13
tblVehicleTrips	ST_TR	7.16	23.60

tblVehicleTrips	ST_TR	6.39	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	10.37	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	21.88
tblVehicleTrips	SU_TR	5.86	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	36.63	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	21.88
tblVehicleTrips	WD_TR	6.65	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.11	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	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					
2044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0203	0.0000	0.0000	0.0203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0203	0.0000	0.0000	0.0203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
2044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0203	0.0000	0.0000	0.0203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0203	0.0000	0.0000	0.0203	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	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	47.8259	18.9311	110.9493	0.1187		2.0099	2.0099		2.0099	2.0099	0.0000	22,831.0312	22,831.0312	0.6123	0.4151	22,970.0499
Energy	0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1328	7,283.8797
Mobile	21.9786	57.9175	313.3098	1.1093	155.6322	0.5698	156.2020	41.5947	0.5356	42.1303		115,244.6542	115,244.6542	6.9131		115,417.4822
Total	70.4682	82.6310	427.4821	1.2642	155.6322	3.0383	158.6705	41.5947	3.0041	44.5988	0.0000	145,316.5363	145,316.5363	7.6642	0.5479	145,671.4118

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	45.7502	1.1933	103.4013	5.4900e-003		0.5758	0.5758		0.5758	0.5758	0.0000	187.0312	187.0312	0.1783	0.0000	191.4879
Energy	0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1328	7,283.8797
Mobile	21.9786	57.9175	313.3098	1.1093	155.6322	0.5698	156.2020	41.5947	0.5356	42.1303		115,244.6542	115,244.6542	6.9131		115,417.4822
Total	68.3925	64.8932	419.9341	1.1510	155.6322	1.6042	157.2364	41.5947	1.5700	43.1646	0.0000	122,672.5363	122,672.5363	7.2302	0.1328	122,892.8498

	ROG	NOx	CO	SO2	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	2.95	21.47	1.77	8.96	0.00	47.20	0.90	0.00	47.74	3.22	0.00	15.58	15.58	5.66	75.77	15.64

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/1/2044	11/30/2044	5	0	
2	Site Preparation	Site Preparation	4/20/2045	4/19/2045	5	0	
3	Grading	Grading	7/13/2045	7/12/2045	5	0	
4	Building Construction	Building Construction	2/15/2046	2/14/2046	5	0	
5	Paving	Paving	1/25/2052	1/24/2052	5	0	
6	Architectural Coating	Architectural Coating	6/27/2052	6/26/2052	5	0	

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; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000

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
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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
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Mitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

3.4 Grading - 2045

Unmitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

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					

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000

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
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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
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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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

3.7 Architectural Coating - 2052

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

Mitigated Construction On-Site

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

Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	21.9786	57.9175	313.3098	1.1093	155.6322	0.5698	156.2020	41.5947	0.5356	42.1303	115,244.6542	115,244.6542	6.9131	6.9131	0.0000	115,417.4822

Unmitigated	21.9786	57.9175	313.3098	1.1093	155.6322	0.5698	156.2020	41.5947	0.5356	42.1303	115,244.6542	115,244.6542	6.9131	115,417.4822
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	19,910.80	21,476.00	19,910.80	68,802,304	68,802,304
Apartments Mid Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Place of Worship	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	19,910.80	21,476.00	19,910.80	68,802,304	68,802,304

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Place of Worship	16.60	8.40	6.90	0.00	95.00	5.00	64	25	11
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
Apartments Mid Rise	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
General Light Industry	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
General Office Building	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
Place of Worship	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
Regional Shopping Center	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738

Single Family Housing	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
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5.0 Energy Detail

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	0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1328	7,283.8797
NaturalGas Unmitigated	0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1328	7,283.8797

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					
Apartments Low Rise	31811.6	0.3431	2.9317	1.2475	0.0187		0.2370	0.2370		0.2370	0.2370		3,742.5389	3,742.5389	0.0717	0.0686	3,764.7789
Apartments Mid Rise	10832.6	0.1168	0.9983	0.4248	6.3700e-003		0.0807	0.0807		0.0807	0.0807		1,274.4242	1,274.4242	0.0244	0.0234	1,281.9975
General Light Industry	14402.8	0.1553	1.4120	1.1861	8.4700e-003		0.1073	0.1073		0.1073	0.1073		1,694.4528	1,694.4528	0.0325	0.0311	1,704.5221
General Office Building	1717.79	0.0185	0.1684	0.1415	1.0100e-003		0.0128	0.0128		0.0128	0.0128		202.0934	202.0934	3.8700e-003	3.7100e-003	203.2944

Place of Worship	641.544	6.9200e-003	0.0629	0.0528	3.8000e-004		4.7800e-003	4.7800e-003		4.7800e-003	4.7800e-003		75.4758	75.4758	1.4500e-003	1.3800e-003	75.9243
Regional Shopping Center	1999.46	0.0216	0.1960	0.1647	1.1800e-003		0.0149	0.0149		0.0149	0.0149		235.2309	235.2309	4.5100e-003	4.3100e-003	236.6288
Single Family Housing	141.397	1.5200e-003	0.0130	5.5400e-003	8.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003		16.6349	16.6349	3.2000e-004	3.0000e-004	16.7338
Total		0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1327	7,283.8797

Mitigated

Land Use	Natural Gas 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	lb/day											lb/day				
Apartments Low Rise	31.8116	0.3431	2.9317	1.2475	0.0187		0.2370	0.2370		0.2370	0.2370		3,742.5389	3,742.5389	0.0717	0.0686	3,764.7789
Apartments Mid Rise	10.8326	0.1168	0.9983	0.4248	6.3700e-003		0.0807	0.0807		0.0807	0.0807		1,274.4242	1,274.4242	0.0244	0.0234	1,281.9975
General Light Industry	14.4028	0.1553	1.4120	1.1861	8.4700e-003		0.1073	0.1073		0.1073	0.1073		1,694.4528	1,694.4528	0.0325	0.0311	1,704.5221
General Office Building	1.71779	0.0185	0.1684	0.1415	1.0100e-003		0.0128	0.0128		0.0128	0.0128		202.0934	202.0934	3.8700e-003	3.7100e-003	203.2944
Place of Worship	0.641544	6.9200e-003	0.0629	0.0528	3.8000e-004		4.7800e-003	4.7800e-003		4.7800e-003	4.7800e-003		75.4758	75.4758	1.4500e-003	1.3800e-003	75.9243
Regional Shopping Center	1.99946	0.0216	0.1960	0.1647	1.1800e-003		0.0149	0.0149		0.0149	0.0149		235.2309	235.2309	4.5100e-003	4.3100e-003	236.6288
Single Family Housing	0.141397	1.5200e-003	0.0130	5.5400e-003	8.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003		16.6349	16.6349	3.2000e-004	3.0000e-004	16.7338
Total		0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1327	7,283.8797

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive 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	45.7502	1.1933	103.4013	5.4900e-003		0.5758	0.5758		0.5758	0.5758	0.0000	187.0312	187.0312	0.1783	0.0000	191.4879
Unmitigated	47.8259	18.9311	110.9493	0.1187		2.0099	2.0099		2.0099	2.0099	0.0000	22,831.0312	22,831.0312	0.6123	0.4151	22,970.0499

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.9276					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	38.7256					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2.0757	17.7378	7.5480	0.1132		1.4341	1.4341		1.4341	1.4341	0.0000	22,644.0000	22,644.0000	0.4340	0.4151	22,778.5620
Landscaping	3.0970	1.1933	103.4013	5.4900e-003		0.5758	0.5758		0.5758	0.5758		187.0312	187.0312	0.1783		191.4879
Total	47.8259	18.9311	110.9493	0.1187		2.0099	2.0099		2.0099	2.0099	0.0000	22,831.0312	22,831.0312	0.6123	0.4151	22,970.0499

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.9276					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	38.7256					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0970	1.1933	103.4013	5.4900e-003		0.5758	0.5758		0.5758	0.5758		187.0312	187.0312	0.1783		191.4879
Total	45.7502	1.1933	103.4013	5.4900e-003		0.5758	0.5758		0.5758	0.5758	0.0000	187.0312	187.0312	0.1783	0.0000	191.4879

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Doheny Village Zoning District Update - Proposed Project 2045 - Orange County, Winter

Doheny Village Zoning District Update - Proposed Project 2045
Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	68.60	1000sqft	1.57	68,599.00	0
Place of Worship	11.20	1000sqft	0.26	11,204.00	0
General Light Industry	251.53	1000sqft	5.77	251,533.00	0
Apartments Low Rise	910.00	Dwelling Unit	56.88	910,000.00	2603
Apartments Mid Rise	346.00	Dwelling Unit	9.11	346,000.00	990
Single Family Housing	2.00	Dwelling Unit	0.65	3,600.00	6
Regional Shopping Center	364.90	1000sqft	8.38	364,902.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2045
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Senate Bill 100: 100% Renewable Energy by 2045.
 Land Use - Operational emissions - no development proposed as part of project.
 Construction Phase - No development proposed as part of project.

Trips and VMT - No Construction proposed.

Grading -

Architectural Coating - No Construction Emissions.

Vehicle Trips - Vehicle Trips - Traffic Study Table 5-2, proposed projectr = 19,912 trips daily & 21,479 on Saturdays. All trips were put on a single land use.

Vehicle Emission Factors - EMFAC 2017 Orange County 2045

Vehicle Emission Factors - EMFAC 2017 Orange County 2045

Vehicle Emission Factors - EMFAC 2017 Orange County 2045

Woodstoves - SCAQMD Rule 445 - no wood burning allowed.

Energy Use -

Area Mitigation - SCAQMD Rule 1113

Water Mitigation - 2019 Title 24 Standards

Waste Mitigation - AB 341 - 2020 target of 75% reduction

Off-road Equipment - No development proposed as part of project.

Off-road Equipment - No development proposed as part of project.

Off-road Equipment - No development proposed as part of project.

Off-road Equipment - No development proposed as part of project.

Off-road Equipment - No development proposed as part of project.

Off-road Equipment - No development proposed as part of project.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	348,119.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,044,357.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	850,230.00	0.00
tblArchitecturalCoating	ConstArea_Residential_Interior	2,550,690.00	0.00
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	1,550.00	0.00
tblConstructionPhase	NumDays	100.00	0.00
tblConstructionPhase	NumDays	155.00	0.00
tblConstructionPhase	NumDays	110.00	0.00
tblConstructionPhase	NumDays	60.00	0.00

tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblLandUse	LandUseSquareFeet	68,600.00	68,599.00
tblLandUse	LandUseSquareFeet	11,200.00	11,204.00
tblLandUse	LandUseSquareFeet	251,530.00	251,533.00
tblLandUse	LandUseSquareFeet	364,900.00	364,902.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0
tblProjectCharacteristics	CO2IntensityFactor	720.49	0
tblProjectCharacteristics	N2OIntensityFactor	0.006	0
tblTripsAndVMT	VendorTripNumber	249.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00

tblTripsAndVMT	WorkerTripNumber	18.00	0.00
tblTripsAndVMT	WorkerTripNumber	20.00	0.00
tblTripsAndVMT	WorkerTripNumber	1,154.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	231.00	0.00
tblVehicleEF	HHD	0.27	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	1.21	6.31
tblVehicleEF	HHD	1.31	0.78
tblVehicleEF	HHD	5.50	0.01
tblVehicleEF	HHD	3,535.25	807.67
tblVehicleEF	HHD	1,501.31	1,026.59
tblVehicleEF	HHD	16.68	0.10
tblVehicleEF	HHD	10.05	5.08
tblVehicleEF	HHD	1.15	1.99
tblVehicleEF	HHD	18.54	2.49
tblVehicleEF	HHD	1.3520e-003	1.8810e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1180e-003	0.02
tblVehicleEF	HHD	2.0800e-004	1.0000e-006
tblVehicleEF	HHD	1.2940e-003	1.8000e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6830e-003	8.7540e-003
tblVehicleEF	HHD	4.8960e-003	0.02
tblVehicleEF	HHD	1.9100e-004	1.0000e-006
tblVehicleEF	HHD	1.7300e-004	4.0000e-006
tblVehicleEF	HHD	6.8230e-003	1.4500e-004
tblVehicleEF	HHD	0.30	0.41

tblVehicleEF	HHD	1.4100e-004	3.0000e-006
tblVehicleEF	HHD	0.07	0.02
tblVehicleEF	HHD	6.4100e-004	7.2000e-004
tblVehicleEF	HHD	0.09	3.0000e-006
tblVehicleEF	HHD	0.03	7.2940e-003
tblVehicleEF	HHD	0.01	8.7450e-003
tblVehicleEF	HHD	2.5600e-004	1.0000e-006
tblVehicleEF	HHD	1.7300e-004	4.0000e-006
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tblVehicleEF	HHD	0.36	0.48
tblVehicleEF	HHD	1.4100e-004	3.0000e-006
tblVehicleEF	HHD	0.24	0.18
tblVehicleEF	HHD	6.4100e-004	7.2000e-004
tblVehicleEF	HHD	0.10	3.0000e-006
tblVehicleEF	HHD	0.25	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.88	6.23
tblVehicleEF	HHD	1.32	0.78
tblVehicleEF	HHD	5.24	0.01
tblVehicleEF	HHD	3,745.28	797.28
tblVehicleEF	HHD	1,501.31	1,026.59
tblVehicleEF	HHD	16.68	0.10
tblVehicleEF	HHD	10.37	4.83
tblVehicleEF	HHD	1.09	1.89
tblVehicleEF	HHD	18.53	2.49
tblVehicleEF	HHD	1.1400e-003	1.6690e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1180e-003	0.02

tblVehicleEF	HHD	2.0800e-004	1.0000e-006
tblVehicleEF	HHD	1.0910e-003	1.5970e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6830e-003	8.7540e-003
tblVehicleEF	HHD	4.8960e-003	0.02
tblVehicleEF	HHD	1.9100e-004	1.0000e-006
tblVehicleEF	HHD	2.4400e-004	5.0000e-006
tblVehicleEF	HHD	6.9320e-003	1.4800e-004
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tblVehicleEF	HHD	1.8800e-004	4.0000e-006
tblVehicleEF	HHD	0.07	0.02
tblVehicleEF	HHD	6.1400e-004	6.8900e-004
tblVehicleEF	HHD	0.09	3.0000e-006
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tblVehicleEF	HHD	0.01	8.7450e-003
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tblVehicleEF	HHD	2.4400e-004	5.0000e-006
tblVehicleEF	HHD	6.9320e-003	1.4800e-004
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tblVehicleEF	HHD	1.8800e-004	4.0000e-006
tblVehicleEF	HHD	0.24	0.18
tblVehicleEF	HHD	6.1400e-004	6.8900e-004
tblVehicleEF	HHD	0.10	3.0000e-006
tblVehicleEF	HHD	0.29	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
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tblVehicleEF	HHD	5.55	0.01
tblVehicleEF	HHD	3,245.20	822.02

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tblVehicleEF	HHD	1.13	1.96
tblVehicleEF	HHD	18.55	2.49
tblVehicleEF	HHD	1.6460e-003	2.1750e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1180e-003	0.02
tblVehicleEF	HHD	2.0800e-004	1.0000e-006
tblVehicleEF	HHD	1.5740e-003	2.0810e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6830e-003	8.7540e-003
tblVehicleEF	HHD	4.8960e-003	0.02
tblVehicleEF	HHD	1.9100e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	7.0870e-003	1.5100e-004
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tblVehicleEF	HHD	0.07	0.02
tblVehicleEF	HHD	7.0600e-004	7.9200e-004
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tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	7.0870e-003	1.5100e-004
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tblVehicleEF	HHD	1.3800e-004	3.0000e-006
tblVehicleEF	HHD	0.24	0.18

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tblVehicleEF	HHD	0.10	3.0000e-006
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tblVehicleEF	LDA	4.9000e-004	0.02
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tblVehicleEF	LDA	0.29	1.24
tblVehicleEF	LDA	164.92	182.00
tblVehicleEF	LDA	34.83	35.91
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	9.8030e-003	0.10
tblVehicleEF	LDA	6.1900e-004	5.2300e-004
tblVehicleEF	LDA	8.3500e-004	6.3700e-004
tblVehicleEF	LDA	5.6900e-004	4.8100e-004
tblVehicleEF	LDA	7.6800e-004	5.8600e-004
tblVehicleEF	LDA	9.0850e-003	0.01
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.5850e-003	0.02
tblVehicleEF	LDA	3.1910e-003	1.7140e-003
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	6.6040e-003	0.06
tblVehicleEF	LDA	1.6490e-003	1.8000e-003
tblVehicleEF	LDA	3.5200e-004	3.5500e-004
tblVehicleEF	LDA	9.0850e-003	0.01
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	9.5850e-003	0.02
tblVehicleEF	LDA	4.6390e-003	2.4820e-003
tblVehicleEF	LDA	0.03	0.13
tblVehicleEF	LDA	7.2310e-003	0.06
tblVehicleEF	LDA	1.3440e-003	6.5400e-004
tblVehicleEF	LDA	4.4200e-004	0.01

tblVehicleEF	LDA	0.27	0.40
tblVehicleEF	LDA	0.25	1.08
tblVehicleEF	LDA	171.87	189.44
tblVehicleEF	LDA	34.83	35.63
tblVehicleEF	LDA	0.02	0.01
tblVehicleEF	LDA	9.1160e-003	0.09
tblVehicleEF	LDA	6.1900e-004	5.2300e-004
tblVehicleEF	LDA	8.3500e-004	6.3700e-004
tblVehicleEF	LDA	5.6900e-004	4.8100e-004
tblVehicleEF	LDA	7.6800e-004	5.8600e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	3.3750e-003	1.8110e-003
tblVehicleEF	LDA	0.03	0.12
tblVehicleEF	LDA	5.9550e-003	0.05
tblVehicleEF	LDA	1.7190e-003	1.8740e-003
tblVehicleEF	LDA	3.5200e-004	3.5300e-004
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	4.9070e-003	2.6230e-003
tblVehicleEF	LDA	0.03	0.12
tblVehicleEF	LDA	6.5200e-003	0.06
tblVehicleEF	LDA	1.2440e-003	5.9900e-004
tblVehicleEF	LDA	5.0000e-004	0.02
tblVehicleEF	LDA	0.24	0.36
tblVehicleEF	LDA	0.29	1.28
tblVehicleEF	LDA	162.36	179.26
tblVehicleEF	LDA	34.83	35.97

tbIVehicleEF	LDA	0.02	0.01
tbIVehicleEF	LDA	9.9550e-003	0.10
tbIVehicleEF	LDA	6.1900e-004	5.2300e-004
tbIVehicleEF	LDA	8.3500e-004	6.3700e-004
tbIVehicleEF	LDA	5.6900e-004	4.8100e-004
tbIVehicleEF	LDA	7.6800e-004	5.8600e-004
tbIVehicleEF	LDA	8.6160e-003	0.01
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.6010e-003	0.02
tbIVehicleEF	LDA	3.1300e-003	1.6810e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	6.7380e-003	0.06
tbIVehicleEF	LDA	1.6230e-003	1.7730e-003
tbIVehicleEF	LDA	3.5200e-004	3.5600e-004
tbIVehicleEF	LDA	8.6160e-003	0.01
tbIVehicleEF	LDA	0.03	0.03
tbIVehicleEF	LDA	9.6010e-003	0.02
tbIVehicleEF	LDA	4.5490e-003	2.4340e-003
tbIVehicleEF	LDA	0.03	0.16
tbIVehicleEF	LDA	7.3770e-003	0.06
tbIVehicleEF	LDT1	1.7630e-003	6.9200e-004
tbIVehicleEF	LDT1	7.9800e-004	0.02
tbIVehicleEF	LDT1	0.32	0.39
tbIVehicleEF	LDT1	0.40	1.33
tbIVehicleEF	LDT1	209.31	217.01
tbIVehicleEF	LDT1	45.17	43.51
tbIVehicleEF	LDT1	0.02	0.02
tbIVehicleEF	LDT1	0.02	0.12
tbIVehicleEF	LDT1	7.8600e-004	5.8600e-004
tbIVehicleEF	LDT1	1.1040e-003	7.3300e-004

tblVehicleEF	LDT1	7.2300e-004	5.3900e-004
tblVehicleEF	LDT1	1.0150e-003	6.7400e-004
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tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	4.3710e-003	1.9300e-003
tblVehicleEF	LDT1	0.04	0.18
tblVehicleEF	LDT1	0.01	0.07
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tblVehicleEF	LDT1	4.5800e-004	4.3100e-004
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tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	6.3750e-003	2.8160e-003
tblVehicleEF	LDT1	0.04	0.18
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.8640e-003	7.3900e-004
tblVehicleEF	LDT1	7.1900e-004	0.02
tblVehicleEF	LDT1	0.35	0.42
tblVehicleEF	LDT1	0.35	1.15
tblVehicleEF	LDT1	217.91	224.53
tblVehicleEF	LDT1	45.17	43.20
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.01	0.11
tblVehicleEF	LDT1	7.8600e-004	5.8600e-004
tblVehicleEF	LDT1	1.1040e-003	7.3300e-004
tblVehicleEF	LDT1	7.2300e-004	5.3900e-004
tblVehicleEF	LDT1	1.0150e-003	6.7400e-004
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.05	0.05

tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	4.6210e-003	2.0400e-003
tblVehicleEF	LDT1	0.04	0.17
tblVehicleEF	LDT1	9.6980e-003	0.06
tblVehicleEF	LDT1	2.1810e-003	2.2220e-003
tblVehicleEF	LDT1	4.5700e-004	4.2800e-004
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tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	6.7400e-003	2.9770e-003
tblVehicleEF	LDT1	0.04	0.17
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT1	1.7290e-003	6.7800e-004
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tblVehicleEF	LDT1	0.41	1.37
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tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.12
tblVehicleEF	LDT1	7.8600e-004	5.8600e-004
tblVehicleEF	LDT1	1.1040e-003	7.3300e-004
tblVehicleEF	LDT1	7.2300e-004	5.3900e-004
tblVehicleEF	LDT1	1.0150e-003	6.7400e-004
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	4.2870e-003	1.8930e-003
tblVehicleEF	LDT1	0.05	0.21
tblVehicleEF	LDT1	0.01	0.07

tblVehicleEF	LDT1	2.0630e-003	2.1200e-003
tblVehicleEF	LDT1	4.5800e-004	4.3100e-004
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	6.2530e-003	2.7620e-003
tblVehicleEF	LDT1	0.05	0.21
tblVehicleEF	LDT1	0.01	0.07
tblVehicleEF	LDT2	1.9140e-003	8.8500e-004
tblVehicleEF	LDT2	9.5900e-004	0.02
tblVehicleEF	LDT2	0.38	0.44
tblVehicleEF	LDT2	0.45	1.68
tblVehicleEF	LDT2	241.16	216.05
tblVehicleEF	LDT2	51.48	43.27
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	7.3800e-004	5.9500e-004
tblVehicleEF	LDT2	9.9100e-004	6.7000e-004
tblVehicleEF	LDT2	6.7900e-004	5.4900e-004
tblVehicleEF	LDT2	9.1100e-004	6.1600e-004
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tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.02	0.03
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tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.01	0.08
tblVehicleEF	LDT2	2.4130e-003	2.1370e-003
tblVehicleEF	LDT2	5.2100e-004	4.2800e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.03	0.04

tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	6.9470e-003	3.8700e-003
tblVehicleEF	LDT2	0.03	0.17
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.0240e-003	9.4300e-004
tblVehicleEF	LDT2	8.9900e-004	0.02
tblVehicleEF	LDT2	0.41	0.48
tblVehicleEF	LDT2	0.42	1.45
tblVehicleEF	LDT2	251.10	222.84
tblVehicleEF	LDT2	51.48	42.88
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	7.3800e-004	5.9500e-004
tblVehicleEF	LDT2	9.9100e-004	6.7000e-004
tblVehicleEF	LDT2	6.7900e-004	5.4900e-004
tblVehicleEF	LDT2	9.1100e-004	6.1600e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	5.0410e-003	2.8340e-003
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	0.01	0.08
tblVehicleEF	LDT2	2.5130e-003	2.2040e-003
tblVehicleEF	LDT2	5.2100e-004	4.2400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	7.3440e-003	4.0810e-003
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	0.01	0.08

tblVehicleEF	LDT2	1.8770e-003	8.6600e-004
tblVehicleEF	LDT2	9.7100e-004	0.02
tblVehicleEF	LDT2	0.37	0.43
tblVehicleEF	LDT2	0.46	1.73
tblVehicleEF	LDT2	237.49	213.55
tblVehicleEF	LDT2	51.48	43.35
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	7.3800e-004	5.9500e-004
tblVehicleEF	LDT2	9.9100e-004	6.7000e-004
tblVehicleEF	LDT2	6.7900e-004	5.4900e-004
tblVehicleEF	LDT2	9.1100e-004	6.1600e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	4.6780e-003	2.6410e-003
tblVehicleEF	LDT2	0.04	0.20
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.3760e-003	2.1120e-003
tblVehicleEF	LDT2	5.2100e-004	4.2900e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	6.8140e-003	3.7990e-003
tblVehicleEF	LDT2	0.04	0.20
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LHD1	2.3610e-003	3.1040e-003
tblVehicleEF	LHD1	1.6960e-003	1.4400e-003
tblVehicleEF	LHD1	2.8690e-003	4.7090e-003
tblVehicleEF	LHD1	0.12	0.16

tblVehicleEF	LHD1	0.17	0.15
tblVehicleEF	LHD1	0.86	0.67
tblVehicleEF	LHD1	8.89	7.51
tblVehicleEF	LHD1	516.58	498.64
tblVehicleEF	LHD1	19.41	7.75
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.25	0.15
tblVehicleEF	LHD1	6.5600e-004	1.0980e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.3710e-003	3.4640e-003
tblVehicleEF	LHD1	4.0000e-004	1.6300e-004
tblVehicleEF	LHD1	6.2800e-004	1.0510e-003
tblVehicleEF	LHD1	2.6870e-003	2.5370e-003
tblVehicleEF	LHD1	4.1680e-003	3.2940e-003
tblVehicleEF	LHD1	3.6800e-004	1.5000e-004
tblVehicleEF	LHD1	7.3600e-004	9.1700e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	6.0900e-004	7.4900e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	8.7000e-005	7.2000e-005
tblVehicleEF	LHD1	5.0250e-003	4.8450e-003
tblVehicleEF	LHD1	2.0800e-004	7.7000e-005
tblVehicleEF	LHD1	7.3600e-004	9.1700e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	6.0900e-004	7.4900e-004

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	2.3610e-003	3.1100e-003
tblVehicleEF	LHD1	1.7050e-003	1.4510e-003
tblVehicleEF	LHD1	2.7730e-003	4.5620e-003
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.17	0.15
tblVehicleEF	LHD1	0.82	0.64
tblVehicleEF	LHD1	8.89	7.51
tblVehicleEF	LHD1	516.58	498.65
tblVehicleEF	LHD1	19.41	7.70
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.24	0.14
tblVehicleEF	LHD1	6.5600e-004	1.0980e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.3710e-003	3.4640e-003
tblVehicleEF	LHD1	4.0000e-004	1.6300e-004
tblVehicleEF	LHD1	6.2800e-004	1.0510e-003
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tblVehicleEF	LHD1	1.0350e-003	1.2910e-003
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tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.0800e-004	9.9700e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02

tblVehicleEF	LHD1	8.7000e-005	7.2000e-005
tblVehicleEF	LHD1	5.0250e-003	4.8450e-003
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tblVehicleEF	LHD1	1.0350e-003	1.2910e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	8.0800e-004	9.9700e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.05	0.13
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	2.3610e-003	3.1030e-003
tblVehicleEF	LHD1	1.6940e-003	1.4380e-003
tblVehicleEF	LHD1	2.8880e-003	4.7390e-003
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tblVehicleEF	LHD1	0.17	0.15
tblVehicleEF	LHD1	0.86	0.67
tblVehicleEF	LHD1	8.89	7.51
tblVehicleEF	LHD1	516.58	498.64
tblVehicleEF	LHD1	19.41	7.75
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.26	0.15
tblVehicleEF	LHD1	6.5600e-004	1.0980e-003
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tblVehicleEF	LHD1	4.3710e-003	3.4640e-003
tblVehicleEF	LHD1	4.0000e-004	1.6300e-004
tblVehicleEF	LHD1	6.2800e-004	1.0510e-003
tblVehicleEF	LHD1	2.6870e-003	2.5370e-003
tblVehicleEF	LHD1	4.1680e-003	3.2940e-003
tblVehicleEF	LHD1	3.6800e-004	1.5000e-004

tblVehicleEF	LHD1	6.8100e-004	8.5300e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9400e-004	7.3100e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.06	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD1	8.7000e-005	7.2000e-005
tblVehicleEF	LHD1	5.0250e-003	4.8450e-003
tblVehicleEF	LHD1	2.0900e-004	7.7000e-005
tblVehicleEF	LHD1	6.8100e-004	8.5300e-004
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.9400e-004	7.3100e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.06	0.15
tblVehicleEF	LHD1	0.04	0.02
tblVehicleEF	LHD2	2.0850e-003	2.0890e-003
tblVehicleEF	LHD2	1.5940e-003	1.6080e-003
tblVehicleEF	LHD2	1.8880e-003	2.8370e-003
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tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.79	0.42
tblVehicleEF	LHD2	13.28	11.77
tblVehicleEF	LHD2	559.88	505.82
tblVehicleEF	LHD2	20.95	5.53
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.18	0.09
tblVehicleEF	LHD2	8.3500e-004	1.5070e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.9830e-003	9.4130e-003
tblVehicleEF	LHD2	3.8500e-004	1.0100e-004
tblVehicleEF	LHD2	7.9900e-004	1.4420e-003
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tblVehicleEF	LHD2	3.5400e-004	9.3000e-005
tblVehicleEF	LHD2	5.0500e-004	5.9500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0500e-004	4.8700e-004
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tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4390e-003	4.8730e-003
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tblVehicleEF	LHD2	5.0500e-004	5.9500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0500e-004	4.8700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0850e-003	2.0930e-003
tblVehicleEF	LHD2	1.6010e-003	1.6140e-003
tblVehicleEF	LHD2	1.8840e-003	2.7490e-003
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tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.76	0.40

tblVehicleEF	LHD2	13.28	11.77
tblVehicleEF	LHD2	559.88	505.82
tblVehicleEF	LHD2	20.95	5.50
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.17	0.09
tblVehicleEF	LHD2	8.3500e-004	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.9830e-003	9.4130e-003
tblVehicleEF	LHD2	3.8500e-004	1.0100e-004
tblVehicleEF	LHD2	7.9900e-004	1.4420e-003
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tblVehicleEF	LHD2	3.5400e-004	9.3000e-005
tblVehicleEF	LHD2	7.1300e-004	8.3700e-004
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tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
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tblVehicleEF	LHD2	2.2200e-004	5.4000e-005
tblVehicleEF	LHD2	7.1300e-004	8.3700e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4300e-004	6.4700e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.08

tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.0850e-003	2.0880e-003
tblVehicleEF	LHD2	1.5930e-003	1.6070e-003
tblVehicleEF	LHD2	1.8890e-003	2.8550e-003
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tblVehicleEF	LHD2	559.88	505.82
tblVehicleEF	LHD2	20.95	5.53
tblVehicleEF	LHD2	0.04	0.05
tblVehicleEF	LHD2	0.04	0.11
tblVehicleEF	LHD2	0.18	0.09
tblVehicleEF	LHD2	8.3500e-004	1.5070e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.9830e-003	9.4130e-003
tblVehicleEF	LHD2	3.8500e-004	1.0100e-004
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tblVehicleEF	LHD2	4.7500e-004	5.5200e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.9700e-004	4.7500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.2900e-004	1.1200e-004
tblVehicleEF	LHD2	5.4390e-003	4.8730e-003

tblVehicleEF	LHD2	2.2300e-004	5.5000e-005
tblVehicleEF	LHD2	4.7500e-004	5.5200e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9700e-004	4.7500e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.14	0.22
tblVehicleEF	MCY	16.82	16.84
tblVehicleEF	MCY	9.81	8.73
tblVehicleEF	MCY	180.00	214.11
tblVehicleEF	MCY	41.14	56.50
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.4770e-003	2.4740e-003
tblVehicleEF	MCY	3.3690e-003	2.9710e-003
tblVehicleEF	MCY	2.3100e-003	2.3070e-003
tblVehicleEF	MCY	3.1420e-003	2.7710e-003
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.64	0.67
tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.27	2.27
tblVehicleEF	MCY	0.48	1.20
tblVehicleEF	MCY	1.93	1.72
tblVehicleEF	MCY	2.1440e-003	2.1190e-003
tblVehicleEF	MCY	6.2800e-004	5.5900e-004
tblVehicleEF	MCY	1.18	1.21
tblVehicleEF	MCY	0.64	0.67

tblVehicleEF	MCY	0.69	0.71
tblVehicleEF	MCY	2.85	2.85
tblVehicleEF	MCY	0.48	1.20
tblVehicleEF	MCY	2.11	1.87
tblVehicleEF	MCY	0.48	0.33
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	16.28	16.30
tblVehicleEF	MCY	8.96	7.93
tblVehicleEF	MCY	180.00	213.11
tblVehicleEF	MCY	41.14	54.69
tblVehicleEF	MCY	0.97	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.4770e-003	2.4740e-003
tblVehicleEF	MCY	3.3690e-003	2.9710e-003
tblVehicleEF	MCY	2.3100e-003	2.3070e-003
tblVehicleEF	MCY	3.1420e-003	2.7710e-003
tblVehicleEF	MCY	1.76	1.81
tblVehicleEF	MCY	0.70	0.73
tblVehicleEF	MCY	1.08	1.10
tblVehicleEF	MCY	2.23	2.23
tblVehicleEF	MCY	0.44	1.10
tblVehicleEF	MCY	1.76	1.55
tblVehicleEF	MCY	2.1340e-003	2.1090e-003
tblVehicleEF	MCY	6.0900e-004	5.4100e-004
tblVehicleEF	MCY	1.76	1.81
tblVehicleEF	MCY	0.70	0.73
tblVehicleEF	MCY	1.08	1.10
tblVehicleEF	MCY	2.80	2.80
tblVehicleEF	MCY	0.44	1.10
tblVehicleEF	MCY	1.91	1.69

tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.90	16.92
tblVehicleEF	MCY	9.95	8.87
tblVehicleEF	MCY	180.00	214.26
tblVehicleEF	MCY	41.14	56.83
tblVehicleEF	MCY	1.08	1.08
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.4770e-003	2.4740e-003
tblVehicleEF	MCY	3.3690e-003	2.9710e-003
tblVehicleEF	MCY	2.3100e-003	2.3070e-003
tblVehicleEF	MCY	3.1420e-003	2.7710e-003
tblVehicleEF	MCY	1.30	1.33
tblVehicleEF	MCY	0.80	0.84
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	2.28	2.28
tblVehicleEF	MCY	0.57	1.43
tblVehicleEF	MCY	1.97	1.75
tblVehicleEF	MCY	2.1460e-003	2.1200e-003
tblVehicleEF	MCY	6.3200e-004	5.6200e-004
tblVehicleEF	MCY	1.30	1.33
tblVehicleEF	MCY	0.80	0.84
tblVehicleEF	MCY	0.71	0.73
tblVehicleEF	MCY	2.86	2.86
tblVehicleEF	MCY	0.57	1.43
tblVehicleEF	MCY	2.15	1.91
tblVehicleEF	MDV	2.3700e-003	9.3700e-004
tblVehicleEF	MDV	1.5320e-003	0.02
tblVehicleEF	MDV	0.44	0.45
tblVehicleEF	MDV	0.57	1.66

tblVehicleEF	MDV	316.36	261.84
tblVehicleEF	MDV	66.31	51.22
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.03	0.12
tblVehicleEF	MDV	7.9200e-004	5.8400e-004
tblVehicleEF	MDV	1.0580e-003	6.7600e-004
tblVehicleEF	MDV	7.2900e-004	5.3800e-004
tblVehicleEF	MDV	9.7300e-004	6.2200e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	6.0020e-003	2.9720e-003
tblVehicleEF	MDV	0.05	0.18
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	3.1610e-003	2.5870e-003
tblVehicleEF	MDV	6.7200e-004	5.0700e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	8.7080e-003	4.2740e-003
tblVehicleEF	MDV	0.05	0.18
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	2.5040e-003	9.9900e-004
tblVehicleEF	MDV	1.4160e-003	0.02
tblVehicleEF	MDV	0.48	0.49
tblVehicleEF	MDV	0.52	1.44
tblVehicleEF	MDV	328.98	268.47
tblVehicleEF	MDV	66.31	50.84
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.03	0.11

tblVehicleEF	MDV	7.9200e-004	5.8400e-004
tblVehicleEF	MDV	1.0580e-003	6.7600e-004
tblVehicleEF	MDV	7.2900e-004	5.3800e-004
tblVehicleEF	MDV	9.7300e-004	6.2200e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	6.3360e-003	3.1310e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.08
tblVehicleEF	MDV	3.2880e-003	2.6530e-003
tblVehicleEF	MDV	6.7100e-004	5.0300e-004
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	9.1950e-003	4.5060e-003
tblVehicleEF	MDV	0.04	0.16
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	2.3240e-003	9.1800e-004
tblVehicleEF	MDV	1.5560e-003	0.02
tblVehicleEF	MDV	0.42	0.43
tblVehicleEF	MDV	0.58	1.71
tblVehicleEF	MDV	311.70	259.39
tblVehicleEF	MDV	66.31	51.31
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.03	0.12
tblVehicleEF	MDV	7.9200e-004	5.8400e-004
tblVehicleEF	MDV	1.0580e-003	6.7600e-004
tblVehicleEF	MDV	7.2900e-004	5.3800e-004
tblVehicleEF	MDV	9.7300e-004	6.2200e-004

tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	5.8900e-003	2.9190e-003
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	3.1150e-003	2.5630e-003
tblVehicleEF	MDV	6.7200e-004	5.0800e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	8.5450e-003	4.1970e-003
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MH	3.2100e-003	2.8690e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.16	0.15
tblVehicleEF	MH	2.95	1.37
tblVehicleEF	MH	1,056.04	1,147.75
tblVehicleEF	MH	55.45	13.13
tblVehicleEF	MH	0.53	0.78
tblVehicleEF	MH	0.50	0.19
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	5.2530e-003	7.9460e-003
tblVehicleEF	MH	8.8400e-004	2.0800e-004
tblVehicleEF	MH	3.2210e-003	3.3120e-003
tblVehicleEF	MH	4.9930e-003	7.5730e-003
tblVehicleEF	MH	8.1300e-004	1.9200e-004
tblVehicleEF	MH	0.31	0.25
tblVehicleEF	MH	0.02	0.01

tblVehicleEF	MH	0.19	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9620e-003	0.17
tblVehicleEF	MH	0.18	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0600e-004	1.3000e-004
tblVehicleEF	MH	0.31	0.25
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.19	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.9620e-003	0.17
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MH	3.2670e-003	2.9100e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.16	0.16
tblVehicleEF	MH	2.80	1.30
tblVehicleEF	MH	1,056.04	1,147.76
tblVehicleEF	MH	55.45	13.01
tblVehicleEF	MH	0.49	0.73
tblVehicleEF	MH	0.48	0.18
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	5.2530e-003	7.9460e-003
tblVehicleEF	MH	8.8400e-004	2.0800e-004
tblVehicleEF	MH	3.2210e-003	3.3120e-003
tblVehicleEF	MH	4.9930e-003	7.5730e-003
tblVehicleEF	MH	8.1300e-004	1.9200e-004
tblVehicleEF	MH	0.43	0.35
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.25	0.20
tblVehicleEF	MH	0.02	0.02

tblVehicleEF	MH	2.8680e-003	0.16
tblVehicleEF	MH	0.17	0.06
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0300e-004	1.2900e-004
tblVehicleEF	MH	0.43	0.35
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.25	0.20
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.8680e-003	0.16
tblVehicleEF	MH	0.19	0.07
tblVehicleEF	MH	3.1930e-003	2.8560e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.15	0.15
tblVehicleEF	MH	2.97	1.38
tblVehicleEF	MH	1,056.04	1,147.75
tblVehicleEF	MH	55.45	13.15
tblVehicleEF	MH	0.52	0.76
tblVehicleEF	MH	0.51	0.19
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	5.2530e-003	7.9460e-003
tblVehicleEF	MH	8.8400e-004	2.0800e-004
tblVehicleEF	MH	3.2210e-003	3.3120e-003
tblVehicleEF	MH	4.9930e-003	7.5730e-003
tblVehicleEF	MH	8.1300e-004	1.9200e-004
tblVehicleEF	MH	0.29	0.24
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.1860e-003	0.18
tblVehicleEF	MH	0.18	0.06

tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0600e-004	1.3000e-004
tblVehicleEF	MH	0.29	0.24
tblVehicleEF	MH	0.02	0.01
tblVehicleEF	MH	0.18	0.15
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.1860e-003	0.18
tblVehicleEF	MH	0.20	0.07
tblVehicleEF	MHD	0.02	2.9040e-003
tblVehicleEF	MHD	1.6010e-003	5.1400e-004
tblVehicleEF	MHD	0.03	6.0950e-003
tblVehicleEF	MHD	0.29	0.31
tblVehicleEF	MHD	0.17	0.08
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tblVehicleEF	MHD	3.1000e-005	5.8000e-005
tblVehicleEF	MHD	2.7310e-003	6.5300e-003
tblVehicleEF	MHD	6.7300e-004	8.5000e-005
tblVehicleEF	MHD	3.0000e-005	5.6000e-005
tblVehicleEF	MHD	2.6100e-003	6.2440e-003
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tblVehicleEF	MHD	5.8000e-004	2.9400e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.7200e-004	2.4100e-004

tblVehicleEF	MHD	0.03	7.1730e-003
tblVehicleEF	MHD	9.3590e-003	0.06
tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.4890e-003	4.1800e-004
tblVehicleEF	MHD	0.01	7.2020e-003
tblVehicleEF	MHD	5.0800e-004	6.0000e-005
tblVehicleEF	MHD	5.8000e-004	2.9400e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.7200e-004	2.4100e-004
tblVehicleEF	MHD	0.03	8.4220e-003
tblVehicleEF	MHD	9.3590e-003	0.06
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	MHD	0.02	2.7660e-003
tblVehicleEF	MHD	1.6060e-003	5.1900e-004
tblVehicleEF	MHD	0.02	5.9010e-003
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tblVehicleEF	MHD	0.17	0.08
tblVehicleEF	MHD	2.11	0.53
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tblVehicleEF	MHD	1,093.64	756.82
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tblVehicleEF	MHD	0.41	0.22
tblVehicleEF	MHD	0.51	0.95
tblVehicleEF	MHD	12.05	1.80
tblVehicleEF	MHD	2.6000e-005	5.2000e-005
tblVehicleEF	MHD	2.7310e-003	6.5300e-003
tblVehicleEF	MHD	6.7300e-004	8.5000e-005
tblVehicleEF	MHD	2.5000e-005	4.9000e-005
tblVehicleEF	MHD	2.6100e-003	6.2440e-003

tblVehicleEF	MHD	6.1900e-004	7.8000e-005
tblVehicleEF	MHD	8.1700e-004	4.1300e-004
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tblVehicleEF	MHD	0.02	0.01
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tblVehicleEF	MHD	0.03	7.1900e-003
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tblVehicleEF	MHD	1.5750e-003	4.1400e-004
tblVehicleEF	MHD	0.01	7.2020e-003
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tblVehicleEF	MHD	8.1700e-004	4.1300e-004
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tblVehicleEF	MHD	0.03	0.02
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tblVehicleEF	MHD	0.03	8.4460e-003
tblVehicleEF	MHD	8.9690e-003	0.06
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	0.02	3.1060e-003
tblVehicleEF	MHD	1.6000e-003	5.1200e-004
tblVehicleEF	MHD	0.03	6.1240e-003
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tblVehicleEF	MHD	0.53	0.98
tblVehicleEF	MHD	12.07	1.80

tblVehicleEF	MHD	3.8000e-005	6.7000e-005
tblVehicleEF	MHD	2.7310e-003	6.5300e-003
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tblVehicleEF	MHD	5.4100e-004	2.7200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.6100e-004	2.3500e-004
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tblVehicleEF	MHD	0.01	0.07
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tblVehicleEF	MHD	1.3690e-003	4.2300e-004
tblVehicleEF	MHD	0.01	7.2020e-003
tblVehicleEF	MHD	5.0800e-004	6.0000e-005
tblVehicleEF	MHD	5.4100e-004	2.7200e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.6100e-004	2.3500e-004
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tblVehicleEF	MHD	0.17	0.03
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tblVehicleEF	OBUS	2.8730e-003	1.4550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.59
tblVehicleEF	OBUS	0.22	0.16
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tblVehicleEF	OBUS	77.63	70.31

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tblVehicleEF	OBUS	1.5000e-005	1.1200e-004
tblVehicleEF	OBUS	2.4480e-003	6.9130e-003
tblVehicleEF	OBUS	1.0710e-003	2.1500e-004
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tblVehicleEF	OBUS	9.8500e-004	1.9800e-004
tblVehicleEF	OBUS	1.4700e-003	1.4810e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.8300e-004	9.1300e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.21
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tblVehicleEF	OBUS	7.5300e-004	6.6900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3200e-004	1.4700e-004
tblVehicleEF	OBUS	1.4700e-003	1.4810e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	8.8300e-004	9.1300e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	OBUS	0.01	8.4100e-003
tblVehicleEF	OBUS	2.9110e-003	1.4820e-003

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.22	0.16
tblVehicleEF	OBUS	3.47	1.52
tblVehicleEF	OBUS	81.27	69.51
tblVehicleEF	OBUS	1,174.18	1,058.99
tblVehicleEF	OBUS	66.75	14.74
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tblVehicleEF	OBUS	1.87	0.89
tblVehicleEF	OBUS	1.2000e-005	1.0000e-004
tblVehicleEF	OBUS	2.4480e-003	6.9130e-003
tblVehicleEF	OBUS	1.0710e-003	2.1500e-004
tblVehicleEF	OBUS	1.2000e-005	9.5000e-005
tblVehicleEF	OBUS	2.3210e-003	6.5970e-003
tblVehicleEF	OBUS	9.8500e-004	1.9800e-004
tblVehicleEF	OBUS	2.0250e-003	2.0350e-003
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tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.1840e-003	1.2130e-003
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.20
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tblVehicleEF	OBUS	7.8700e-004	6.6200e-004
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tblVehicleEF	OBUS	0.01	8.2300e-003
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tblVehicleEF	OBUS	1.90	0.90
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tblVehicleEF	OBUS	2.4480e-003	6.9130e-003
tblVehicleEF	OBUS	1.0710e-003	2.1500e-004
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tblVehicleEF	OBUS	1.4010e-003	1.3880e-003
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tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.5500e-004	8.7900e-004
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tblVehicleEF	OBUS	0.06	0.22
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tblVehicleEF	OBUS	7.0500e-004	6.8000e-004
tblVehicleEF	OBUS	0.01	0.01

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tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	8.5500e-004	8.7900e-004
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tblVehicleEF	SBUS	3.6520e-003	1.4980e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	10.14	5.18
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tblVehicleEF	SBUS	9.06	1.79
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tblVehicleEF	SBUS	2.4760e-003	2.9400e-003
tblVehicleEF	SBUS	1.5620e-003	1.5500e-004
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tblVehicleEF	SBUS	3.3850e-003	1.5020e-003
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tblVehicleEF	SBUS	0.03	0.12
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tblVehicleEF	SBUS	2.4760e-003	2.9400e-003

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tblVehicleEF	SBUS	2.5520e-003	2.5300e-003
tblVehicleEF	SBUS	2.3420e-003	2.7840e-003
tblVehicleEF	SBUS	1.4360e-003	1.4300e-004
tblVehicleEF	SBUS	7.6310e-003	3.3340e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.23	0.59
tblVehicleEF	SBUS	4.5080e-003	1.9900e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.35	0.06
tblVehicleEF	SBUS	9.4060e-003	2.8770e-003
tblVehicleEF	SBUS	9.3230e-003	7.7430e-003
tblVehicleEF	SBUS	7.9700e-004	7.9000e-005
tblVehicleEF	SBUS	7.6310e-003	3.3340e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.79	0.85
tblVehicleEF	SBUS	4.5080e-003	1.9900e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	0.83	0.13
tblVehicleEF	SBUS	3.6390e-003	1.4910e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	10.18	5.20
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	6.83	1.35
tblVehicleEF	SBUS	867.49	305.56
tblVehicleEF	SBUS	963.99	803.65

tblVehicleEF	SBUS	69.94	8.36
tblVehicleEF	SBUS	1.61	1.18
tblVehicleEF	SBUS	0.77	1.02
tblVehicleEF	SBUS	9.07	1.79
tblVehicleEF	SBUS	1.4700e-004	3.0500e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.4760e-003	2.9400e-003
tblVehicleEF	SBUS	1.5620e-003	1.5500e-004
tblVehicleEF	SBUS	1.4000e-004	2.9100e-004
tblVehicleEF	SBUS	2.5520e-003	2.5300e-003
tblVehicleEF	SBUS	2.3420e-003	2.7840e-003
tblVehicleEF	SBUS	1.4360e-003	1.4300e-004
tblVehicleEF	SBUS	5.2270e-003	2.2630e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.23	0.59
tblVehicleEF	SBUS	3.2640e-003	1.4440e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.03	0.15
tblVehicleEF	SBUS	0.40	0.06
tblVehicleEF	SBUS	8.6380e-003	2.9390e-003
tblVehicleEF	SBUS	9.3230e-003	7.7430e-003
tblVehicleEF	SBUS	8.1800e-004	8.3000e-005
tblVehicleEF	SBUS	5.2270e-003	2.2630e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.79	0.85
tblVehicleEF	SBUS	3.2640e-003	1.4440e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.03	0.15
tblVehicleEF	SBUS	0.44	0.07
tblVehicleEF	UBUS	0.87	5.27

tblVehicleEF	UBUS	0.05	0.03
tblVehicleEF	UBUS	4.11	41.13
tblVehicleEF	UBUS	7.44	1.81
tblVehicleEF	UBUS	1,697.01	1,973.77
tblVehicleEF	UBUS	145.56	17.62
tblVehicleEF	UBUS	0.63	0.46
tblVehicleEF	UBUS	11.76	0.20
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	2.4010e-003	3.1560e-003
tblVehicleEF	UBUS	1.6890e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	2.2540e-003	3.0030e-003
tblVehicleEF	UBUS	1.5530e-003	1.9700e-004
tblVehicleEF	UBUS	3.9070e-003	8.4800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.1660e-003	6.5000e-004
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.74	0.12
tblVehicleEF	UBUS	8.0120e-003	3.2080e-003
tblVehicleEF	UBUS	1.5940e-003	1.7400e-004
tblVehicleEF	UBUS	3.9070e-003	8.4800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	3.1660e-003	6.5000e-004
tblVehicleEF	UBUS	0.92	5.39
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.81	0.13
tblVehicleEF	UBUS	0.87	5.27

tblVehicleEF	UBUS	0.05	0.03
tblVehicleEF	UBUS	4.11	41.13
tblVehicleEF	UBUS	6.60	1.61
tblVehicleEF	UBUS	1,697.01	1,973.77
tblVehicleEF	UBUS	145.56	17.27
tblVehicleEF	UBUS	0.59	0.45
tblVehicleEF	UBUS	11.71	0.19
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	2.4010e-003	3.1560e-003
tblVehicleEF	UBUS	1.6890e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	2.2540e-003	3.0030e-003
tblVehicleEF	UBUS	1.5530e-003	1.9700e-004
tblVehicleEF	UBUS	5.3440e-003	1.1740e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	4.2560e-003	9.0400e-004
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.69	0.11
tblVehicleEF	UBUS	8.0120e-003	3.2080e-003
tblVehicleEF	UBUS	1.5790e-003	1.7100e-004
tblVehicleEF	UBUS	5.3440e-003	1.1740e-003
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	4.2560e-003	9.0400e-004
tblVehicleEF	UBUS	0.92	5.39
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.75	0.12
tblVehicleEF	UBUS	0.87	5.27

tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	4.11	41.13
tblVehicleEF	UBUS	7.59	1.85
tblVehicleEF	UBUS	1,697.01	1,973.77
tblVehicleEF	UBUS	145.56	17.69
tblVehicleEF	UBUS	0.62	0.46
tblVehicleEF	UBUS	11.77	0.20
tblVehicleEF	UBUS	0.49	0.08
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	2.4010e-003	3.1560e-003
tblVehicleEF	UBUS	1.6890e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.03
tblVehicleEF	UBUS	3.0000e-003	7.5850e-003
tblVehicleEF	UBUS	2.2540e-003	3.0030e-003
tblVehicleEF	UBUS	1.5530e-003	1.9700e-004
tblVehicleEF	UBUS	3.7900e-003	8.6600e-004
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	3.0100e-003	6.3400e-004
tblVehicleEF	UBUS	0.04	0.08
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.75	0.12
tblVehicleEF	UBUS	8.0120e-003	3.2080e-003
tblVehicleEF	UBUS	1.5970e-003	1.7500e-004
tblVehicleEF	UBUS	3.7900e-003	8.6600e-004
tblVehicleEF	UBUS	0.06	0.01
tblVehicleEF	UBUS	3.0100e-003	6.3400e-004
tblVehicleEF	UBUS	0.92	5.39
tblVehicleEF	UBUS	0.03	0.07
tblVehicleEF	UBUS	0.82	0.13
tblVehicleTrips	ST_TR	7.16	23.60

tblVehicleTrips	ST_TR	6.39	0.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	10.37	0.00
tblVehicleTrips	ST_TR	49.97	0.00
tblVehicleTrips	ST_TR	9.91	0.00
tblVehicleTrips	SU_TR	6.07	21.88
tblVehicleTrips	SU_TR	5.86	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	36.63	0.00
tblVehicleTrips	SU_TR	25.24	0.00
tblVehicleTrips	SU_TR	8.62	0.00
tblVehicleTrips	WD_TR	6.59	21.88
tblVehicleTrips	WD_TR	6.65	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	9.11	0.00
tblVehicleTrips	WD_TR	42.70	0.00
tblVehicleTrips	WD_TR	9.52	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	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					
2044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0203	0.0000	0.0000	0.0203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0203	0.0000	0.0000	0.0203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

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					
2044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2045	0.0000	0.0000	0.0000	0.0000	0.0000	0.0203	0.0000	0.0000	0.0203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2046	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0203	0.0000	0.0000	0.0203	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	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	47.8259	18.9311	110.9493	0.1187		2.0099	2.0099		2.0099	2.0099	0.0000	22,831.0312	22,831.0312	0.6123	0.4151	22,970.0499
Energy	0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1328	7,283.8797
Mobile	23.0618	61.1141	305.1090	1.0698	155.6322	0.5704	156.2026	41.5947	0.5362	42.1308		111,263.7423	111,263.7423	6.9883		111,438.4491
Total	71.5514	85.8276	419.2812	1.2247	155.6322	3.0389	158.6711	41.5947	3.0047	44.5993	0.0000	141,335.6244	141,335.6244	7.7393	0.5479	141,692.3787

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	45.7502	1.1933	103.4013	5.4900e-003		0.5758	0.5758		0.5758	0.5758	0.0000	187.0312	187.0312	0.1783	0.0000	191.4879
Energy	0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1328	7,283.8797
Mobile	23.0618	61.1141	305.1090	1.0698	155.6322	0.5704	156.2026	41.5947	0.5362	42.1308		111,263.7423	111,263.7423	6.9883		111,438.4491
Total	69.4757	68.0898	411.7332	1.1115	155.6322	1.6048	157.2370	41.5947	1.5705	43.1652	0.0000	118,691.6244	118,691.6244	7.3053	0.1328	118,913.8167

	ROG	NOx	CO	SO2	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	2.90	20.67	1.80	9.24	0.00	47.19	0.90	0.00	47.73	3.22	0.00	16.02	16.02	5.61	75.77	16.08

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/1/2044	11/30/2044	5	0	
2	Site Preparation	Site Preparation	4/20/2045	4/19/2045	5	0	
3	Grading	Grading	7/13/2045	7/12/2045	5	0	
4	Building Construction	Building Construction	2/15/2046	2/14/2046	5	0	
5	Paving	Paving	1/25/2052	1/24/2052	5	0	
6	Architectural Coating	Architectural Coating	6/27/2052	6/26/2052	5	0	

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; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition	Excavators	0	8.00	158	0.38
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	0	8.00	158	0.38
Grading	Graders	0	8.00	187	0.41
Grading	Rubber Tired Dozers	0	8.00	247	0.40
Grading	Scrapers	0	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	0	7.00	231	0.29
Building Construction	Forklifts	0	8.00	89	0.20
Building Construction	Generator Sets	0	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	0	7.00	97	0.37

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000

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
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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
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Mitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

3.4 Grading - 2045

Unmitigated Construction On-Site

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

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

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					

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000	0.0000	0.0000	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	0.0000

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
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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
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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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Paving	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

3.7 Architectural Coating - 2052

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

Mitigated Construction On-Site

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

Archit. Coating	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000	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	0.0000

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	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	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	0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	23.0618	61.1141	305.1090	1.0698	155.6322	0.5704	156.2026	41.5947	0.5362	42.1308	111,263.7423	111,263.7423	6.9883	491		111,438.4491

Unmitigated	23.0618	61.1141	305.1090	1.0698	155.6322	0.5704	156.2026	41.5947	0.5362	42.1308		111,263.7423	111,263.7423	6.9883	111,438.4491
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4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	19,910.80	21,476.00	19,910.80	68,802,304	68,802,304
Apartments Mid Rise	0.00	0.00	0.00		
General Light Industry	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Place of Worship	0.00	0.00	0.00		
Regional Shopping Center	0.00	0.00	0.00		
Single Family Housing	0.00	0.00	0.00		
Total	19,910.80	21,476.00	19,910.80	68,802,304	68,802,304

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Place of Worship	16.60	8.40	6.90	0.00	95.00	5.00	64	25	11
Regional Shopping Center	16.60	8.40	6.90	16.30	64.70	19.00	54	35	11
Single Family Housing	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
Apartments Mid Rise	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
General Light Industry	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
General Office Building	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
Place of Worship	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
Regional Shopping Center	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738

Single Family Housing	0.567405	0.042207	0.207765	0.102245	0.011993	0.005836	0.029369	0.023299	0.002013	0.001429	0.005042	0.000659	0.000738
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5.0 Energy Detail

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	0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1328	7,283.8797
NaturalGas Unmitigated	0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1328	7,283.8797

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					
Apartments Low Rise	31811.6	0.3431	2.9317	1.2475	0.0187		0.2370	0.2370		0.2370	0.2370		3,742.5389	3,742.5389	0.0717	0.0686	3,764.7789
Apartments Mid Rise	10832.6	0.1168	0.9983	0.4248	6.3700e-003		0.0807	0.0807		0.0807	0.0807		1,274.4242	1,274.4242	0.0244	0.0234	1,281.9975
General Light Industry	14402.8	0.1553	1.4120	1.1861	8.4700e-003		0.1073	0.1073		0.1073	0.1073		1,694.4528	1,694.4528	0.0325	0.0311	1,704.5221
General Office Building	1717.79	0.0185	0.1684	0.1415	1.0100e-003		0.0128	0.0128		0.0128	0.0128		202.0934	202.0934	3.8700e-003	3.7100e-003	203.2944

Place of Worship	641.544	6.9200e-003	0.0629	0.0528	3.8000e-004		4.7800e-003	4.7800e-003		4.7800e-003	4.7800e-003		75.4758	75.4758	1.4500e-003	1.3800e-003	75.9243
Regional Shopping Center	1999.46	0.0216	0.1960	0.1647	1.1800e-003		0.0149	0.0149		0.0149	0.0149		235.2309	235.2309	4.5100e-003	4.3100e-003	236.6288
Single Family Housing	141.397	1.5200e-003	0.0130	5.5400e-003	8.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003		16.6349	16.6349	3.2000e-004	3.0000e-004	16.7338
Total		0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1327	7,283.8797

Mitigated

	Natural Gas 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					
Apartments Low Rise	31.8116	0.3431	2.9317	1.2475	0.0187		0.2370	0.2370		0.2370	0.2370		3,742.5389	3,742.5389	0.0717	0.0686	3,764.7789
Apartments Mid Rise	10.8326	0.1168	0.9983	0.4248	6.3700e-003		0.0807	0.0807		0.0807	0.0807		1,274.4242	1,274.4242	0.0244	0.0234	1,281.9975
General Light Industry	14.4028	0.1553	1.4120	1.1861	8.4700e-003		0.1073	0.1073		0.1073	0.1073		1,694.4528	1,694.4528	0.0325	0.0311	1,704.5221
General Office Building	1.71779	0.0185	0.1684	0.1415	1.0100e-003		0.0128	0.0128		0.0128	0.0128		202.0934	202.0934	3.8700e-003	3.7100e-003	203.2944
Place of Worship	0.641544	6.9200e-003	0.0629	0.0528	3.8000e-004		4.7800e-003	4.7800e-003		4.7800e-003	4.7800e-003		75.4758	75.4758	1.4500e-003	1.3800e-003	75.9243
Regional Shopping Center	1.99946	0.0216	0.1960	0.1647	1.1800e-003		0.0149	0.0149		0.0149	0.0149		235.2309	235.2309	4.5100e-003	4.3100e-003	236.6288
Single Family Housing	0.141397	1.5200e-003	0.0130	5.5400e-003	8.0000e-005		1.0500e-003	1.0500e-003		1.0500e-003	1.0500e-003		16.6349	16.6349	3.2000e-004	3.0000e-004	16.7338
Total		0.6637	5.7824	3.2229	0.0362		0.4586	0.4586		0.4586	0.4586		7,240.8509	7,240.8509	0.1388	0.1327	7,283.8797

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive 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	45.7502	1.1933	103.4013	5.4900e-003		0.5758	0.5758		0.5758	0.5758	0.0000	187.0312	187.0312	0.1783	0.0000	191.4879
Unmitigated	47.8259	18.9311	110.9493	0.1187		2.0099	2.0099		2.0099	2.0099	0.0000	22,831.0312	22,831.0312	0.6123	0.4151	22,970.0499

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.9276					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	38.7256					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	2.0757	17.7378	7.5480	0.1132		1.4341	1.4341		1.4341	1.4341	0.0000	22,644.0000	22,644.0000	0.4340	0.4151	22,778.5620
Landscaping	3.0970	1.1933	103.4013	5.4900e-003		0.5758	0.5758		0.5758	0.5758		187.0312	187.0312	0.1783		191.4879
Total	47.8259	18.9311	110.9493	0.1187		2.0099	2.0099		2.0099	2.0099	0.0000	22,831.0312	22,831.0312	0.6123	0.4151	22,970.0499

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.9276					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	38.7256					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0970	1.1933	103.4013	5.4900e-003		0.5758	0.5758		0.5758	0.5758		187.0312	187.0312	0.1783		191.4879
Total	45.7502	1.1933	103.4013	5.4900e-003		0.5758	0.5758		0.5758	0.5758	0.0000	187.0312	187.0312	0.1783	0.0000	191.4879

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

- Institute Recycling and Composting Services

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

TABLE 1
TRAFFIC GENERATION RATES¹

ITE Land Use Code	Daily 2-Way	AM Peak Hour			PM Peak Hour			Sat. Daily	Sat. Midday Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total		Enter	Exit	Total
<u>Trip Generation Factors:</u>											
▪ 110: General Light Industrial – Total (TE/1000 SF) ²	4.96	88%	12%	0.70	13%	87%	0.63	1.99	47%	53%	0.41
❑ Passenger Cars – 78.6% Daily	3.90	88%	12%	0.42	13%	87%	0.48	1.56	47%	53%	0.31
❑ 2 Axle Trucks – 8.0% Daily/32.7% Peak Hour	0.40	88%	12%	0.09	13%	87%	0.05	0.16	47%	53%	0.03
❑ 3 Axle Trucks – 3.9% Daily/17.9% Peak Hour	0.19	88%	12%	0.05	13%	87%	0.03	0.08	47%	53%	0.02
❑ 4+ Axle Trucks – 9.5% Daily/49.4% Peak Hour	0.47	88%	12%	0.14	13%	87%	0.07	0.19	47%	53%	0.05
▪ 151: Mini Warehouse (TE/1000 SF)	1.51	60%	40%	0.10	47%	53%	0.17	1.95	59%	41%	0.31
▪ 210: Single Family Detached Housing (TE/DU)	9.44	25%	75%	0.74	63%	37%	0.99	9.54	54%	46%	0.93
▪ 220: Multifamily Housing (Low-Rise) (TE/DU)	7.32	23%	77%	0.46	63%	37%	0.56	8.14	49%	51%	0.70 ³
▪ 221: Multifamily Housing (Mid-Rise) (TE/DU)	5.44	26%	74%	0.36	61%	39%	0.44	4.91	49%	51%	0.44
▪ 240: Mobile Home Park (TE/DU)	5.00	31%	69%	0.26	62%	38%	0.46	4.61	50%	50%	0.40
▪ 420: Marina (TE/Dry Slips)	2.41	33%	67%	0.07	60%	40%	0.21	2.61	44%	56%	0.22
▪ 493: Athletic Club (TE/1000 SF)	58.62 ⁴	61%	39%	3.16	62%	38%	6.29	64.504	49%	51%	8.60

¹ Source: *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017). Average rates used. When available, Saturday daily and Saturday peak hour trip rates of the generator were used to estimate the Saturday daily and Saturday Midday peak hour, respectively.

² Recommended mix of traffic, including mix of 2-axle, 3-axle, and 4+-axle trucks are based on the *Truck Trip Generation Study – City of Fontana, August 2003*. All 2-axle, 3-axle and 4+-axle trucks are converted to passenger car equivalents using a factor of 1.5 vehicles per truck, 2.0 vehicles per truck, and 3.0 vehicles per truck, respectively. Saturday daily and Midday peak hour mix are not provided in the City of Fontana study, therefore the splits are assumed to patch the weekday daily and weekday PM peak hour, respectively.

³ Directional splits for Saturday peak hour trip rates of the generator are not available for this land use per the *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017). Therefore, the directional splits were matched to ITE Land Use 221: Multifamily Housing (Mid-Rise).

⁴ Weekday daily trip rate is not available for this land use per the *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017). Therefore, the weekday daily trip rate was estimated by applying the same relationship between Daily and PM ratio from the ITE Land Use 492: Health/Fitness Club from *Trip Generation*, 9th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2012). Similarly, the Saturday daily trip rate is not available for this land use. Therefore, the Saturday daily trip rate was estimated by applying the same relationship between Saturday Daily and Saturday peak hour trip rates of the generator ratio from the ITE Land Use 492: Health/Fitness Club from *Trip Generation*, 9th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2012).

TABLE 1 (CONTINUED)
TRAFFIC GENERATION RATES⁵

ITE Land Use Code	Daily 2-Way	AM Peak Hour			PM Peak Hour			Sat. Daily	Sat. Midday Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total		Enter	Exit	Total
<u>Trip Generation Factors:</u>											
▪ 560: Church (TE/1000 SF)	6.95	60%	40%	0.33	45%	55%	0.49	5.99	59%	41%	2.78
▪ 565: Day Care Center (TE/1000 SF)	47.62	53%	47%	11.00	47%	53%	11.12	6.22	63%	37%	1.70
▪ 575: Fire and Rescue Station (TE/1000 SF)	4.30 ⁶	50%	50%	0.486	29%	71%	0.48	4.306	50%	50%	0.486
▪ 580: Museum (TE/1000 SF)	1.96 ⁷	86%	14%	0.28	16%	84%	0.18	5.887	71%	29%	0.66
▪ 710: General Office Building (TE/1000 SF)	9.74	86%	14%	1.16	16%	84%	1.15	2.21	54%	46%	0.53
▪ 820: Shopping Center (TE/1000 SF)	37.75	62%	38%	0.94	48%	52%	3.81	46.12	52%	48%	4.50
▪ 942: Automobile Care Center (TE/1000 SF)	22.39 ⁸	66%	34%	2.25	48%	52%	3.11	23.72	46%	54%	9.11
▪ 945: Gas Station with Convenience Market (TE/VFP)	205.36	51%	49%	12.47	51%	49%	13.99	283.42 ⁹	50%	50%	19.28

Notes:

- TE/1,000 SF = Trip ends per thousand square-feet (SF)
- TE/VFP = Trip ends per vehicle fuel pump (VFP)
- TE/DU = Trip ends per dwelling unit (DU)
- TE/Dry Slip = Trip ends per dry slip

⁵ Source: *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017). Average rates used. When available, Saturday daily and Saturday peak hour trip rates of the generator were used to estimate the Saturday daily and Saturday Midday peak hour, respectively.

⁶ Weekday and Saturday daily trip rates are not available for this land use per the *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017). Therefore, the weekday and Saturday daily trip rates were estimated by applying a factor of 10 to the PM peak hour trips. Similarly, weekday AM peak hour and Saturday peak hour trip rates of the generator are also not available for this land use. Therefore, the AM peak hour and Saturday Midday peak hour trip rates are assumed to match the PM peak hour trip rates with a directional split of 50% entering and 50% exiting.

⁷ Weekday and Saturday daily trip rates are not available for this land use per the *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017). Therefore, the weekday and Saturday daily trip rates were estimated by applying a factor of 10 to the PM peak hour trips and Saturday Midday peak hour trips, respectively.

⁸ Weekday daily trip rate is not available for this land use per the *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017). Therefore, the weekday daily trip rate was estimated by applying the same relationship between Daily and PM ratio from the ITE Land Use 943: Automobile Parts & Services Center. Similarly, Saturday peak hour trip rates of the generator is not available for this land use. Therefore, the Saturday Midday peak hour rate was estimated by applying the same relationship between PM and Saturday peak hour of the generator ratio from the ITE Land Use 943: Automobile Parts & Services Center.

⁹ Saturday daily trip rate is not available for this land use per the *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017). Therefore, the Saturday daily trip rate was estimated by applying the same relationship between Daily and PM ratio from the ITE Land Use 943: Automobile Parts & Services Center to the Saturday peak hour of generator trip rate.

TABLE 2
EXISTING LAND USE TRAFFIC GENERATION FORECAST SUMMARY¹⁰

Project Description	Daily 2-Way	AM Peak Hour			PM Peak Hour			Sat. Daily	Sat. Midday Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total		Enter	Exit	Total
<u>Village Commercial/Industrial (V-C/I)</u>											
▪ Zone 1	148	6	4	10	8	9	17	191	18	13	31
▪ Zone 2	479	19	8	27	22	25	47	464	25	30	55
▪ Zone 3	51	8	0	8	0	6	6	20	2	2	4
▪ Zone 4	107	9	3	12	4	11	15	85	14	18	32
▪ Zone 5	<u>137</u>	<u>16</u>	<u>2</u>	<u>18</u>	<u>3</u>	<u>14</u>	<u>17</u>	<u>440</u>	<u>23</u>	<u>22</u>	<u>45</u>
V-C/I Total	922	58	17	75	37	65	102	1200	82	85	167
<u>Village Main Street (V-MS) (30 DU/AC)</u>											
▪ Zone 6	3,457	53	39	92	106	112	218	4,398	198	186	384
▪ Zone 10	116	6	3	9	6	8	14	130	17	18	35
▪ Zone 11	2,215	102	82	184	57	72	129	2,262	111	93	204
▪ Zone 12	265	4	2	6	9	11	20	324	16	15	31
▪ Zone 13	<u>265</u>	<u>4</u>	<u>2</u>	<u>6</u>	<u>9</u>	<u>11</u>	<u>20</u>	<u>325</u>	<u>16</u>	<u>15</u>	<u>31</u>
V-MS (30 DU/AC) Total	6,318	169	128	297	187	214	401	7,439	358	327	685
<u>Village Main Street (V-MS) (10 AC/DU)</u>											
▪ Zone 7	387	5	5	10	14	14	28	473	24	22	46
▪ Zone 8	415	6	5	11	15	16	31	507	26	23	49
▪ Zone 9	<u>36</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>44</u>	<u>3</u>	<u>1</u>	<u>4</u>
V-MS (10 AC/DU) Total	838	12	10	22	30	32	62	1,024	53	46	99

¹⁰ Table 2 presents a summary of total trips for each zone.
Source: *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017).

TABLE 2 (CONTINUED)
EXISTING LAND USE TRAFFIC GENERATION FORECAST SUMMARY¹¹

Project Description	Daily 2-Way	AM Peak Hour			PM Peak Hour			Sat. Daily	Sat. Midday Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total		Enter	Exit	Total
<u>Village Commercial/Residential (V-C/R)</u> <u>(50 DU/AC)</u>											
▪ Zone 14	982	16	28	44	50	37	87	983	45	44	89
<u>Village Commercial/Residential (V-C/R)</u> <u>(30 DU/AC)</u>											
▪ Zone 15	222	6	5	11	7	8	15	192	52	37	89
▪ Zone 16	200	7	8	15	8	9	17	190	9	9	18
▪ Zone 17	144	8	2	10	4	8	12	110	6	7	13
▪ Zone 18	284	7	4	11	11	11	22	322	18	13	31
▪ Zone 19	51	1	3	4	4	1	5	51	3	2	5
▪ Zone 20	89	3	5	8	4	4	8	94	5	4	9
▪ Zone 21	101	9	2	11	4	8	12	43	5	2	7
▪ Zone 22	100	10	2	12	2	10	12	22	3	2	5
▪ Zone 23	168	14	13	27	13	14	27	74	5	3	8
▪ Zone 24	<u>1,996</u>	<u>55</u>	<u>98</u>	<u>153</u>	<u>109</u>	<u>78</u>	<u>187</u>	<u>2,040</u>	<u>95</u>	<u>102</u>	<u>197</u>
V-C/R (30 DU/AC) Total	3,355	120	142	262	166	151	317	3138	201	181	382
<u>Community Facilities (CF)</u>											
▪ Zone 25	154	8	5	13	0	0	0	0	0	0	0
▪ Zone 26	<u>87</u>	<u>2</u>	<u>3</u>	<u>5</u>	<u>3</u>	<u>3</u>	<u>6</u>	<u>77</u>	<u>17</u>	<u>13</u>	<u>30</u>
CF Total	241	10	8	18	3	3	6	77	17	13	30
Total Existing Land Use Trip Generation	12,656	385	333	718	473	502	975	13,861	756	696	1,452

¹¹ Table 2 presents a summary of total trips for each zone.
Source: *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017).

TABLE 3
FUTURE LAND USE TRAFFIC GENERATION FORECAST SUMMARY¹²

Project Description	Daily 2-Way	AM Peak Hour			PM Peak Hour			Sat. Daily	Sat. Midday Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total		Enter	Exit	Total
<u>Village Commercial/Industrial (V-C/I)</u>											
▪ Zone 1	2,231	121	30	151	66	138	204	2,092	121	115	236
▪ Zone 2	2,289	125	29	154	67	143	210	2,148	123	118	241
▪ Zone 3	472	24	6	30	14	29	43	442	25	25	50
▪ Zone 4	385	21	4	25	10	24	34	362	20	20	40
▪ Zone 5	<u>532</u>	<u>29</u>	<u>7</u>	<u>36</u>	<u>16</u>	<u>32</u>	<u>48</u>	<u>499</u>	<u>28</u>	<u>28</u>	<u>56</u>
V-C/I Total	5,909	320	76	396	173	366	539	5,543	317	306	623
<u>Village Main Street (V-MS) (30 DU/AC)</u>											
▪ Zone 6	3,193	51	69	120	126	117	243	3,588	175	168	343
▪ Zone 10	317	6	5	11	12	12	24	357	17	17	34
▪ Zone 11	727	11	16	27	29	26	55	816	40	38	78
▪ Zone 12	396	6	8	14	15	14	29	446	21	22	43
▪ Zone 13	<u>308</u>	<u>6</u>	<u>4</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>23</u>	<u>346</u>	<u>16</u>	<u>17</u>	<u>33</u>
V-MS (30 DU/AC) Total	4,941	80	102	182	193	181	374	5,553	269	262	531
<u>Village Main Street (V-MS) (10 AC/DU)</u>											
▪ Zone 7	256	5	3	8	10	9	19	302	14	15	29
▪ Zone 8	372	6	6	12	14	14	28	439	22	20	42
▪ Zone 9	<u>138</u>	<u>2</u>	<u>3</u>	<u>5</u>	<u>6</u>	<u>4</u>	<u>10</u>	<u>163</u>	<u>9</u>	<u>7</u>	<u>16</u>
V-MS (10 AC/DU) Total	766	13	12	25	30	27	57	904	45	42	87

¹² Table 3 presents a summary of total trips for each zone.
Source: *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017).

TABLE 3 (CONTINUED)
FUTURE LAND USE TRAFFIC GENERATION FORECAST SUMMARY¹³

Project Description	Daily 2-Way	AM Peak Hour			PM Peak Hour			Sat. Daily	Sat. Midday Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total		Enter	Exit	Total
<u>Village Commercial/Residential (V-C/R)</u> <u>(50 DU/AC)</u>											
▪ Zone 14	4,219	62	156	218	187	132	319	4,826	217	216	433
<u>Village Commercial/Residential (V-C/R)</u> <u>(30 DU/AC)</u>											
▪ Zone 15	783	10	27	37	33	26	59	903	40	43	83
▪ Zone 16	488	8	14	22	20	16	36	563	26	25	51
▪ Zone 17	148	2	5	7	7	4	11	171	8	7	15
▪ Zone 18	201	4	6	10	9	7	16	234	9	13	22
▪ Zone 19	158	3	5	8	7	4	11	181	8	9	17
▪ Zone 20	160	3	5	8	7	4	11	185	8	9	17
▪ Zone 21	167	3	5	8	8	4	12	194	8	10	18
▪ Zone 22	126	2	5	7	6	3	9	147	8	4	12
▪ Zone 23	170	3	5	8	8	4	12	197	8	10	18
▪ Zone 24	<u>748</u>	<u>10</u>	<u>26</u>	<u>36</u>	<u>31</u>	<u>26</u>	<u>57</u>	<u>865</u>	<u>40</u>	<u>39</u>	<u>79</u>
V-C/R (30 DU/AC) Total	3,149	48	103	151	136	98	234	3,640	163	169	332
<u>Community Facilities (CF)</u>											
▪ Zone 25	845	12	41	53	41	24	65	940	40	41	81
▪ Zone 26	<u>83</u>	<u>2</u>	<u>3</u>	<u>5</u>	<u>3</u>	<u>3</u>	<u>6</u>	<u>73</u>	<u>16</u>	<u>12</u>	<u>28</u>
CF Total	928	14	44	58	44	27	71	1,013	56	53	109
Total Future Land Use Trip Generation	19,912	537	493	1,030	763	831	1,594	21,479	1,067	1,048	2,115

¹³ Table 3 presents a summary of total trips for each zone.
Source: *Trip Generation*, 10th Edition, Institute of Transportation Engineers (ITE), Washington, D.C. (2017).

TABLE 4
TOTAL PROJECT TRAFFIC GENERATION FORECAST SUMMARY

Project Description	Daily 2-Way	AM Peak Hour			PM Peak Hour			Sat. Daily	Sat. Midday Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total		Enter	Exit	Total
<u>Village Commercial/Industrial (V-C/I)</u>											
▪ Existing Land Use Trips	922	58	17	75	37	65	102	1200	82	85	167
▪ Future Land Use Trips	5,909	320	76	396	173	366	539	5,543	317	306	623
<u>Village Main Street (V-MS) (30 DU/AC)</u>											
▪ Existing Land Use Trips	6,318	169	128	297	187	214	401	7,439	358	327	685
▪ Future Land Use Trips	4,941	80	102	182	193	181	374	5,553	269	262	531
<u>Village Main Street (V-MS) (10 AC/DU)</u>											
▪ Existing Land Use Trips	838	12	10	22	30	32	62	1,024	53	46	99
▪ Future Land Use Trips	766	13	12	25	30	27	57	904	45	42	87
<u>Village Commercial/Residential (V-C/R) (50 DU/AC)</u>											
▪ Existing Land Use Trips	982	16	28	44	50	37	87	983	45	44	89
▪ Future Land Use Trips	4,219	62	156	218	187	132	319	4,826	217	216	433
<u>Village Commercial/Residential (V-C/R) (30 DU/AC)</u>											
▪ Existing Land Use Trips	3,355	120	142	262	166	151	317	3,138	201	181	382
▪ Future Land Use Trips	3,149	48	103	151	136	98	234	3,640	163	169	332
<u>Community Facilities (CF)</u>											
▪ Existing Land Use Trips	241	10	8	18	3	3	6	77	17	13	30
▪ Future Land Use Trips	928	14	44	58	44	27	71	1,013	56	53	109
Total Existing Land Use Trip Generation [A]	12,656	385	333	718	473	502	975	13,861	756	696	1,452
Total Future Land Use Trip Generation [B]	19,912	537	493	1,030	763	831	1,594	21,479	1,067	1,048	2,115
Total "Net" Project Trip Generation ([B] – [A])	7,256	152	160	312	290	329	619	7,618	311	352	663

**Doheny Village Zoning District Update
Energy Calculations**

Land Use	Natural Gas Use		Electricity Use	
	(kBTU/yr)	(Therms)	(kWh/yr)	(MWh/yr)
General Light Industry	5,257,040	52,570	2,125,450	2,125
General Office Building	626,995	6,270	959,700	960
Regional Shopping Center	729,804	7,298	4,174,480	4,174
Apartments Mid Rise	3,953,900	39,539	1,375,450	1,375
Apartments Low Rise	11,611,200	116,112	3,785,720	3,786
Place of Worship	234,164	2,342	94,674	95
Single Family Housing	51,610	516	16,037	16
Existing				
<i>Apartments Low Rise</i>	<i>3,483,370</i>	<i>34,834</i>	<i>1,135,720</i>	<i>1,136</i>
<i>General Light Industry</i>	<i>2,878,540</i>	<i>28,785</i>	<i>1,163,810</i>	<i>1,164</i>
<i>General Office Building</i>	<i>522,689</i>	<i>5,227</i>	<i>800,046</i>	<i>800</i>
<i>Mobile Home Park</i>	<i>3,467,910</i>	<i>34,679</i>	<i>851,510</i>	<i>852</i>
<i>Place of Worship</i>	<i>975,821</i>	<i>9,758</i>	<i>394,530</i>	<i>395</i>
<i>Racquet Club</i>	<i>2,117,170</i>	<i>21,172</i>	<i>855,985</i>	<i>856</i>
<i>Regional Shopping Center</i>	<i>345,002</i>	<i>3,450</i>	<i>1,973,410</i>	<i>1,973</i>
<i>Single Family Housing</i>	<i>335,464</i>	<i>3,355</i>	<i>104,241</i>	<i>104</i>
Totals	8,338,747	83,387	5,252,259	5,252
1 kBTU = 0.01 therms				
Energy Type	Project Annual Energy Consumption	Orange County Annual Energy Consumption (2018)	Percentage increase countywide	
Electricity (MWh/YR)	5,252	20,197,000	0.0260%	
Natural Gas (Therms)	83,387	575,000,000	0.0145%	

Source: Refer to CalEEMod outputs for assumptions used in this analysis.

**Doheny Village Zoning District Update
Energy Calculations**

Vehicle Type	Percent of Vehicle Trips ¹	Daily Trips ²	Annual Vehicle Miles Traveled ³	Average Fuel Economy (miles per gallon) ⁴	Total Annual Fuel Consumption (gallons) ⁵
PROJECT					
Passenger Cars	0.57	0	112,101,608	22	5,095,528
Light/Medium Trucks	0.35	0	69,587,142	17.3	4,022,378
Heavy Trucks/Other	0.08	0	15,880,197	6.4	2,481,281
TOTAL⁶	1.00	21,476	197,568,947	--	11,599,187
Existing					
Passenger Cars	0.55	7,593	24,014,669	22	1,091,576
Light/Medium Trucks	0.37	5,070	16,036,446	17.3	926,962
Heavy Trucks/Other	0.09	1,197	3,785,032	6.4	591,411
TOTAL⁶	1.00	13,860	43,836,147	--	2,609,949
NET PROJECT					8,989,237
Notes:					
1. Percent of Vehicle Trip distribution based on trip characteristics in the Traffic Impact Study and within the CalEEMod model.					
2. Daily Trips calculated by multiplying the total daily trips by percent vehicle trips (i.e., Daily Trips x percent of Vehicle Trips).					
3. Daily Vehicle Miles Traveled (VMT) calculated by multiplying percent vehicle trips by total VMT (i.e., VMT x percent of Vehicle Trips).					
4. Average fuel economy derived from the Department of Transportation.					
5. Total Daily Fuel Consumption calculated by dividing the daily VMT by the average fuel economy (i.e., VMT/Average Fuel Economy).					
6. Values may be slightly off due to rounding.					
Source: Refer to CalEEMod outputs for assumptions used in this analysis.					