

Appendix A

Greenhouse Gas Emission Calculations

Otay Ranch Village 13 - Unmitigated, 2020
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	57.00	Dwelling Unit	13.10	57,000.00	163
Single Family Housing	1,881.00	Dwelling Unit	525.00	6,207,300.00	5380
Strip Mall	40.00	1000sqft	1.00	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	622.74	CH4 Intensity (lb/MW hr)	0.026	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2526438	0
tblAreaCoating	Area_Residential_Exterior	4228403	0
tblAreaCoating	Area_Residential_Interior	12685208	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	0

tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	9,300.00	0.00
tblConstructionPhase	NumDays	600.00	0.00
tblConstructionPhase	NumDays	930.00	0.00
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	360.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	NumberGas	31.35	57.00
tblFireplaces	NumberGas	1,034.55	1,881.00
tblFireplaces	NumberWood	19.95	0.00
tblFireplaces	NumberWood	658.35	0.00
tblLandUse	LandUseSquareFeet	3,385,800.00	6,207,300.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	3.56	13.10
tblLandUse	LotAcreage	610.71	525.00
tblLandUse	LotAcreage	0.92	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.026
tblProjectCharacteristics	CO2IntensityFactor	720.49	622.74
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.007
tblProjectCharacteristics	OperationalYear	2014	2020
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	5.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,421.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	284.00	0.00
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	528.33	587.03
tblVehicleEF	HHD	1,547.78	1,847.50
tblVehicleEF	HHD	50.38	55.97
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	8.5820e-003	0.01

tblVehicleEF	LDA	244.25	279.56
tblVehicleEF	LDA	52.29	58.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	297.79	338.90
tblVehicleEF	LDT1	63.53	70.59
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	8.2780e-003	0.01
tblVehicleEF	LDT2	364.72	413.16
tblVehicleEF	LDT2	77.49	86.11
tblVehicleEF	LHD1	1.1720e-003	1.4467e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.98	8.87
tblVehicleEF	LHD1	734.00	586.97
tblVehicleEF	LHD1	36.60	40.66
tblVehicleEF	LHD2	8.7100e-004	1.0756e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.6180e-003	0.01
tblVehicleEF	LHD2	8.84	9.82
tblVehicleEF	LHD2	623.36	560.10
tblVehicleEF	LHD2	22.28	24.75
tblVehicleEF	MCY	156.52	146.93
tblVehicleEF	MCY	38.51	42.79
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	489.56	551.30
tblVehicleEF	MDV	103.31	114.79
tblVehicleEF	MH	681.06	702.85
tblVehicleEF	MH	28.25	31.39

tblVehicleEF	MHD	7.6150e-003	9.4011e-003
tblVehicleEF	MHD	5.1900e-003	5.7667e-003
tblVehicleEF	MHD	572.06	635.62
tblVehicleEF	MHD	995.11	1,113.55
tblVehicleEF	MHD	49.80	55.33
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.8860e-003	3.2067e-003
tblVehicleEF	OBUS	534.88	594.31
tblVehicleEF	OBUS	32.81	36.45
tblVehicleEF	SBUS	4.4530e-003	5.4978e-003
tblVehicleEF	SBUS	5.3930e-003	5.9922e-003
tblVehicleEF	SBUS	547.00	607.77
tblVehicleEF	SBUS	1,024.49	1,062.55
tblVehicleEF	SBUS	116.73	129.70
tblVehicleEF	UBUS	1,981.57	2,180.55
tblVehicleEF	UBUS	22.78	25.31
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00
tblVehicleTrips	ST_TR	10.08	10.00
tblVehicleTrips	ST_TR	42.04	120.00
tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00

tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWoodstoves	NumberCatalytic	2.85	0.00
tblWoodstoves	NumberCatalytic	94.05	0.00
tblWoodstoves	NumberNoncatalytic	2.85	0.00
tblWoodstoves	NumberNoncatalytic	94.05	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Area	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652
Energy	0.3833	3.3293	1.7882	0.0209		0.2648	0.2648		0.2648	0.2648	0.0000	9,130.7524	9,130.7524	0.2956	0.1295	9,177.1166
Mobile	14.1052	29.3575	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	28,789.6072	28,789.6072	1.1327	0.0000	28,813.3947
Waste						0.0000	0.0000		0.0000	0.0000	508.4660	0.0000	508.4660	30.0495	0.0000	1,139.5050
Water						0.0000	0.0000		0.0000	0.0000	43.7004	890.5322	934.2326	4.5256	0.1160	1,065.2285

Total	46.5165	32.8539	156.1615	0.3944	25.5702	0.8134	26.3836	6.8388	0.7798	7.6185	552.1664	39,392.87 60	39,945.042 4	36.0371	0.2558	40,781.109 9
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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	tons/yr										MT/yr					
Area	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652
Energy	0.3833	3.3293	1.7882	0.0209		0.2648	0.2648		0.2648	0.2648	0.0000	9,130.7524	9,130.7524	0.2956	0.1295	9,177.1166
Mobile	14.1052	29.3575	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	28,789.6072	28,789.6072	1.1327	0.0000	28,813.3947
Waste						0.0000	0.0000		0.0000	0.0000	508.4660	0.0000	508.4660	30.0495	0.0000	1,139.5050
Water						0.0000	0.0000		0.0000	0.0000	43.7004	890.5322	934.2326	4.5249	0.1158	1,065.1518
Total	46.5165	32.8539	156.1615	0.3944	25.5702	0.8134	26.3836	6.8388	0.7798	7.6185	552.1664	39,392.8760	39,945.0424	36.0363	0.2556	40,781.0332

	ROG	NOx	CO	SO2	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	0.08	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	

5	Paving	Paving	1/2/2011	12/31/2010	5	0
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,685,208; Residential Outdoor: 4,228,403; Non-Residential Indoor: 2,526,441; Non-Residential Outdoor: 842,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41

Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	483.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	14.1052	29.3575	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	28,789.6072	28,789.6072	1.1327	0.0000	28,813.3947
Unmitigated	14.1052	29.3575	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	28,789.6072	28,789.6072	1.1327	0.0000	28,813.3947

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026
Condo/Townhouse	456.00	456.00	456.00	1,302,018	1,302,018
Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	18,810.00	18,810.00	18810.00	53,708,256	53,708,256
Strip Mall	4,800.00	4,800.00	4800.00	7,392,159	7,392,159
Total	27,195.50	26,295.50	26,295.50	68,001,666	68,001,666

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
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300	0.073549	0.191092	0.130830	0.036094	0.005140	0.012550	0.022916	0.001871	0.002062	0.006564	0.000586	0.003446

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
NaturalGas Mitigated	0.3833	3.3293	1.7882	0.0209		0.2648	0.2648		0.2648	0.2648	0.0000	3,793.4223	3,793.4223	0.0727	0.0696	3,816.5084
NaturalGas Unmitigated	0.3833	3.3293	1.7882	0.0209		0.2648	0.2648		0.2648	0.2648	0.0000	3,793.4223	3,793.4223	0.0727	0.0696	3,816.5084
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,337.3301	5,337.3301	0.2228	0.0600	5,360.6082
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,337.3301	5,337.3301	0.2228	0.0600	5,360.6082

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	786090	4.2400e-003	0.0362	0.0154	2.3000e-004		2.9300e-003	2.9300e-003		2.9300e-003	2.9300e-003	0.0000	41.9488	41.9488	8.0000e-004	7.7000e-004	42.2040
Elementary School	311005	1.6800e-003	0.0153	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.5964	16.5964	3.2000e-004	3.0000e-004	16.6974
Government Office Building	210300	1.1300e-003	0.0103	8.6600e-003	6.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	11.2224	11.2224	2.2000e-004	2.1000e-004	11.2907
Hotel	1.76708e+007	0.0953	0.8662	0.7276	5.2000e-003		0.0658	0.0658		0.0658	0.0658	0.0000	942.9833	942.9833	0.0181	0.0173	948.7222
Single Family Housing	5.20162e+007	0.2805	2.3968	1.0199	0.0153		0.1938	0.1938		0.1938	0.1938	0.0000	2,775.7833	2,775.7833	0.0532	0.0509	2,792.6763
Strip Mall	91600	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.8881	4.8881	9.0000e-005	9.0000e-005	4.9179
Total		0.3833	3.3293	1.7882	0.0209		0.2648	0.2648		0.2648	0.2648	0.0000	3,793.4223	3,793.4223	0.0727	0.0696	3,816.5084

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	786090	4.2400e-003	0.0362	0.0154	2.3000e-004		2.9300e-003	2.9300e-003		2.9300e-003	2.9300e-003	0.0000	41.9488	41.9488	8.0000e-004	7.7000e-004	42.2040
Elementary School	311005	1.6800e-003	0.0153	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.5964	16.5964	3.2000e-004	3.0000e-004	16.6974
Government Office Building	210300	1.1300e-003	0.0103	8.6600e-003	6.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	11.2224	11.2224	2.2000e-004	2.1000e-004	11.2907
Hotel	1.76708e+007	0.0953	0.8662	0.7276	5.2000e-003		0.0658	0.0658		0.0658	0.0658	0.0000	942.9833	942.9833	0.0181	0.0173	948.7222
Single Family Housing	5.20162e+007	0.2805	2.3968	1.0199	0.0153		0.1938	0.1938		0.1938	0.1938	0.0000	2,775.7833	2,775.7833	0.0532	0.0509	2,792.6763
Strip Mall	91600	4.9000e-004	4.4900e-003	3.7700e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	4.8881	4.8881	9.0000e-005	9.0000e-005	4.9179
Total		0.3833	3.3293	1.7882	0.0209		0.2648	0.2648		0.2648	0.2648	0.0000	3,793.4223	3,793.4223	0.0727	0.0696	3,816.5084

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	247049	69.7841	2.9100e-003	7.8000e-004	70.0884
Elementary School	298966	84.4489	3.5300e-003	9.5000e-004	84.8172

Government Office Building	149900	42.3423	1.7700e-003	4.8000e-004	42.5269
Hotel	4.23694e+006	1,196.8078	0.0500	0.0135	1,202.0275
Single Family Housing	1.34008e+007	3,785.3119	0.1580	0.0426	3,801.8210
Strip Mall	561600	158.6352	6.6200e-003	1.7800e-003	159.3271
Total		5,337.3301	0.2228	0.0600	5,360.6082

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	247049	69.7841	2.9100e-003	7.8000e-004	70.0884
Elementary School	298966	84.4489	3.5300e-003	9.5000e-004	84.8172
Government Office Building	149900	42.3423	1.7700e-003	4.8000e-004	42.5269
Hotel	4.23694e+006	1,196.8078	0.0500	0.0135	1,202.0275
Single Family Housing	1.34008e+007	3,785.3119	0.1580	0.0426	3,801.8210
Strip Mall	561600	158.6352	6.6200e-003	1.7800e-003	159.3271
Total		5,337.3301	0.2228	0.0600	5,360.6082

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	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652
Unmitigated	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652

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	0.4879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.0432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4404	0.1671	14.4458	7.6000e-004		0.0794	0.0794		0.0794	0.0794	0.0000	23.5213	23.5213	0.0230	0.0000	24.0035
Total	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652

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
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SubCategory	tons/yr										MT/yr					
Architectural Coating	0.4879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.0432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4404	0.1671	14.4458	7.6000e-004		0.0794	0.0794		0.0794	0.0794	0.0000	23.5213	23.5213	0.0230	0.0000	24.0035
Total	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Unmitigated	934.2326	4.5256	0.1160	1,065.2285
Mitigated	934.2326	4.5249	0.1158	1,065.1518

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	111.0530	4.6400e-003	1.2500e-003	111.5373

Condo/Townhouse	3.71378 / 2.3413	22.1852	0.1219	3.0900e- 003	25.7039
Elementary School	1.45454 / 3.74026	17.5492	0.0481	1.3100e- 003	18.9660
Government Office Building	1.9866 / 1.21759	11.7581	0.0652	1.6500e- 003	13.6399
Hotel	5.07335 / 0.563706	22.0386	0.1662	4.1300e- 003	26.8094
Single Family Housing	122.555 / 77.2628	732.1119	4.0224	0.1021	848.2288
Strip Mall	2.9629 / 1.81597	17.5366	0.0972	2.4700e- 003	20.3432
Total		934.2326	4.5256	0.1160	1,065.2285

Mitigated

	Indoor/Out door Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	111.0530	4.6400e- 003	1.2500e- 003	111.5373
Condo/Townhouse	3.71378 / 2.3413	22.1852	0.1219	3.0900e- 003	25.7018
Elementary School	1.45454 / 3.74026	17.5492	0.0481	1.3100e- 003	18.9651
Government Office Building	1.9866 / 1.21759	11.7581	0.0652	1.6500e- 003	13.6388
Hotel	5.07335 / 0.563706	22.0386	0.1661	4.1300e- 003	26.8066
Single Family Housing	122.555 / 77.2628	732.1119	4.0217	0.1019	848.1606
Strip Mall	2.9629 / 1.81597	17.5366	0.0972	2.4600e- 003	20.3415
Total		934.2326	4.5249	0.1158	1,065.1518

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	508.4660	30.0495	0.0000	1,139.5050
Unmitigated	508.4660	30.0495	0.0000	1,139.5050

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	26.22	5.3224	0.3146	0.0000	11.9279
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2205.8	447.7575	26.4617	0.0000	1,003.4533
Strip Mall	42	8.5256	0.5039	0.0000	19.1065
Total		508.4660	30.0495	0.0000	1,139.5050

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	26.22	5.3224	0.3146	0.0000	11.9279
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2205.8	447.7575	26.4617	0.0000	1,003.4533
Strip Mall	42	8.5256	0.5039	0.0000	19.1065
Total		508.4660	30.0495	0.0000	1,139.5050

9.0 Operational Offroad

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

Otay Ranch Village 13, Unmitigated, 2020, Optional Development Scenario
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	0.00	Dwelling Unit	0.00	0.00	0
Single Family Housing	1,938.00	Dwelling Unit	541.00	6,395,400.00	5543
Strip Mall	20.00	1000sqft	1.00	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	622.74	CH4 Intensity (lb/MW hr)	0.026	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2496438	0
tblAreaCoating	Area_Residential_Exterior	4316895	0
tblAreaCoating	Area_Residential_Interior	12950685	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	0

tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	10,850.00	0.00
tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	NumDays	1,085.00	0.00
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	420.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	NumberGas	0.00	57.00
tblFireplaces	NumberGas	1,065.90	1,881.00
tblFireplaces	NumberNoFireplace	0.00	5.70
tblFireplaces	NumberNoFireplace	193.80	188.10
tblFireplaces	NumberWood	678.30	0.00
tblLandUse	LandUseSquareFeet	3,488,400.00	6,395,400.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	629.22	541.00
tblLandUse	LotAcreage	0.46	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.026
tblProjectCharacteristics	CO2IntensityFactor	720.49	622.74
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.007
tblProjectCharacteristics	OperationalYear	2014	2020
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	5.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,394.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	279.00	0.00
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	528.33	587.03
tblVehicleEF	HHD	1,547.78	1,847.50
tblVehicleEF	HHD	50.38	55.97
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	8.5820e-003	0.01

tblVehicleEF	LDA	244.25	279.56
tblVehicleEF	LDA	52.29	58.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	297.79	338.90
tblVehicleEF	LDT1	63.53	70.59
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	8.2780e-003	0.01
tblVehicleEF	LDT2	364.72	413.16
tblVehicleEF	LDT2	77.49	86.11
tblVehicleEF	LHD1	1.1720e-003	1.4470e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	7.98	8.87
tblVehicleEF	LHD1	734.00	586.97
tblVehicleEF	LHD1	36.60	40.66
tblVehicleEF	LHD2	8.7100e-004	1.0760e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.6180e-003	0.01
tblVehicleEF	LHD2	8.84	9.82
tblVehicleEF	LHD2	623.36	560.10
tblVehicleEF	LHD2	22.28	24.75
tblVehicleEF	MCY	156.52	146.93
tblVehicleEF	MCY	38.51	42.79
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	489.56	551.30
tblVehicleEF	MDV	103.31	114.79
tblVehicleEF	MH	681.06	702.85
tblVehicleEF	MH	28.25	31.39

tblVehicleEF	MHD	7.6150e-003	9.4010e-003
tblVehicleEF	MHD	5.1900e-003	5.7670e-003
tblVehicleEF	MHD	572.06	635.62
tblVehicleEF	MHD	995.11	1,113.55
tblVehicleEF	MHD	49.80	55.33
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	2.8860e-003	3.2070e-003
tblVehicleEF	OBUS	534.88	594.31
tblVehicleEF	OBUS	32.81	36.45
tblVehicleEF	SBUS	4.4530e-003	5.4980e-003
tblVehicleEF	SBUS	5.3930e-003	5.9920e-003
tblVehicleEF	SBUS	547.00	607.77
tblVehicleEF	SBUS	1,024.49	1,062.55
tblVehicleEF	SBUS	116.73	129.70
tblVehicleEF	UBUS	1,981.57	2,180.55
tblVehicleEF	UBUS	22.78	25.31
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00
tblVehicleTrips	ST_TR	10.08	10.00
tblVehicleTrips	ST_TR	42.04	120.00
tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00

tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWoodstoves	NumberCatalytic	96.90	0.00
tblWoodstoves	NumberNoncatalytic	96.90	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Area	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648
Energy	0.3873	3.3635	1.8018	0.0211		0.2676	0.2676		0.2676	0.2676	0.0000	9,136.0790	9,136.0790	0.2949	0.1299	9,182.5349
Mobile	13.0644	27.7125	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	27,330.1568	27,330.1568	1.0718	0.0000	27,352.6653
Waste						0.0000	0.0000		0.0000	0.0000	512.4466	0.0000	512.4466	30.2847	0.0000	1,148.4259
Water						0.0000	0.0000		0.0000	0.0000	43.2304	882.2339	925.4643	4.4770	0.1148	1,055.0569
Total	45.9078	31.2431	147.5746	0.3757	24.3027	0.7934	25.0962	6.4998	0.7615	7.2613	555.6771	37,930.4535	38,486.1305	36.1621	0.2549	39,324.5478

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	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648
Energy	0.3873	3.3635	1.8018	0.0211		0.2676	0.2676		0.2676	0.2676	0.0000	9,136.0790	9,136.0790	0.2949	0.1299	9,182.5349
Mobile	13.0644	27.7125	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	27,330.1568	27,330.1568	1.0718	0.0000	27,352.6653
Waste						0.0000	0.0000		0.0000	0.0000	512.4466	0.0000	512.4466	30.2847	0.0000	1,148.4259
Water						0.0000	0.0000		0.0000	0.0000	43.2304	882.2339	925.4643	4.4763	0.1146	1,054.9810
Total	45.9078	31.2431	147.5746	0.3757	24.3027	0.7934	25.0962	6.4998	0.7615	7.2613	555.6771	37,930.4535	38,486.1305	36.1614	0.2547	39,324.4719

	ROG	NOx	CO	SO2	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	0.08	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,950,685; Residential Outdoor: 4,316,895; Non-Residential Indoor: 2,496,441; Non-Residential Outdoor: 832,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48

Building Construction	Welders	1	8.00	46	0.45
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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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	13.0644	27.7125	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	27,330.1568	27,330.1568	1.0718	0.0000	27,352.6653
Unmitigated	13.0644	27.7125	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	27,330.1568	27,330.1568	1.0718	0.0000	27,352.6653

4.2 Trip Summary Information

	Average Daily Trip Rate	Unmitigated	Mitigated
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Category	tons/yr										MT/yr					
NaturalGas Mitigated	0.3873	3.3635	1.8018	0.0211		0.2676	0.2676		0.2676	0.2676	0.0000	3,833.1441	3,833.1441	0.0735	0.0703	3,856.4720
NaturalGas Unmitigated	0.3873	3.3635	1.8018	0.0211		0.2676	0.2676		0.2676	0.2676	0.0000	3,833.1441	3,833.1441	0.0735	0.0703	3,856.4720
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,302.9348	5,302.9348	0.2214	0.0596	5,326.0629
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,302.9348	5,302.9348	0.2214	0.0596	5,326.0629

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	311005	1.6800e-003	0.0153	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.5964	16.5964	3.2000e-004	3.0000e-004	16.6974
Government Office Building	210300	1.1300e-003	0.0103	8.6600e-003	6.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	11.2224	11.2224	2.2000e-004	2.1000e-004	11.2907
Hotel	1.76708e+007	0.0953	0.8662	0.7276	5.2000e-003		0.0658	0.0658		0.0658	0.0658	0.0000	942.9833	942.9833	0.0181	0.0173	948.7222
Single Family Housing	5.35925e+007	0.2890	2.4695	1.0508	0.0158		0.1997	0.1997		0.1997	0.1997	0.0000	2,859.8980	2,859.8980	0.0548	0.0524	2,877.3028
Strip Mall	45800	2.5000e-004	2.2500e-003	1.8900e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4441	2.4441	5.0000e-005	4.0000e-005	2.4589
Total		0.3873	3.3635	1.8018	0.0211		0.2676	0.2676		0.2676	0.2676	0.0000	3,833.1441	3,833.1441	0.0735	0.0703	3,856.4720

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	311005	1.6800e-003	0.0153	0.0128	9.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	16.5964	16.5964	3.2000e-004	3.0000e-004	16.6974
Government Office Building	210300	1.1300e-003	0.0103	8.6600e-003	6.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004	0.0000	11.2224	11.2224	2.2000e-004	2.1000e-004	11.2907
Hotel	1.76708e+007	0.0953	0.8662	0.7276	5.2000e-003		0.0658	0.0658		0.0658	0.0658	0.0000	942.9833	942.9833	0.0181	0.0173	948.7222
Single Family Housing	5.35925e+007	0.2890	2.4695	1.0508	0.0158		0.1997	0.1997		0.1997	0.1997	0.0000	2,859.8980	2,859.8980	0.0548	0.0524	2,877.3028
Strip Mall	45800	2.5000e-004	2.2500e-003	1.8900e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4441	2.4441	5.0000e-005	4.0000e-005	2.4589
Total		0.3873	3.3635	1.8018	0.0211		0.2676	0.2676		0.2676	0.2676	0.0000	3,833.1441	3,833.1441	0.0735	0.0703	3,856.4720

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	298966	84.4489	3.5300e-003	9.5000e-004	84.8172
Government Office Building	149900	42.3423	1.7700e-003	4.8000e-004	42.5269
Hotel	4.23694e+006	1,196.8078	0.0500	0.0135	1,202.0275

Single Family Housing	1.38068e+007	3,900.0183	0.1628	0.0438	3,917.0277
Strip Mall	280800	79.3176	3.3100e-003	8.9000e-004	79.6635
Total		5,302.9348	0.2214	0.0596	5,326.0629

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	298966	84.4489	3.5300e-003	9.5000e-004	84.8172
Government Office Building	149900	42.3423	1.7700e-003	4.8000e-004	42.5269
Hotel	4.23694e+006	1,196.8078	0.0500	0.0135	1,202.0275
Single Family Housing	1.38068e+007	3,900.0183	0.1628	0.0438	3,917.0277
Strip Mall	280800	79.3176	3.3100e-003	8.9000e-004	79.6635
Total		5,302.9348	0.2214	0.0596	5,326.0629

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
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Category	tons/yr										MT/yr					
Mitigated	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648
Unmitigated	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648

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	0.4821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4404	0.1671	14.4457	7.6000e-004		0.0794	0.0794		0.0794	0.0794	0.0000	23.5210	23.5210	0.0230	0.0000	24.0032
Total	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648

Mitigated

[illegible]

Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4404	0.1671	14.4457	7.6000e-004		0.0794	0.0794		0.0794	0.0794	0.0000	23.5210	23.5210	0.0230	0.0000	24.0032
Total	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Unmitigated	925.4643	4.4770	0.1148	1,055.0569
Mitigated	925.4643	4.4763	0.1146	1,054.9810

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	111.0530	4.6400e-003	1.2500e-003	111.5373
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.45454 / 3.74026	17.5492	0.0481	1.3100e-003	18.9660
Government Office Building	1.9866 / 1.21759	11.7581	0.0652	1.6500e-003	13.6399

Hotel	5.07335 / 0.563706	22.0386	0.1662	4.1300e- 003	26.8094
Single Family Housing	126.269 / 79.6041	754.2971	4.1443	0.1052	873.9327
Strip Mall	1.48145 / 0.907986	8.7683	0.0486	1.2300e- 003	10.1716
Total		925.4643	4.4770	0.1148	1,055.0569

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	111.0530	4.6400e-003	1.2500e-003	111.5373
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.45454 / 3.74026	17.5492	0.0481	1.3100e-003	18.9651
Government Office Building	1.9866 / 1.21759	11.7581	0.0652	1.6500e-003	13.6388
Hotel	5.07335 / 0.563706	22.0386	0.1661	4.1300e-003	26.8066
Single Family Housing	126.269 / 79.6041	754.2971	4.1436	0.1050	873.8624
Strip Mall	1.48145 / 0.907986	8.7683	0.0486	1.2300e-003	10.1708
Total		925.4643	4.4763	0.1146	1,054.9810

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	512.4466	30.2847	0.0000	1,148.4259
Unmitigated	512.4466	30.2847	0.0000	1,148.4259

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2272.63	461.3234	27.2634	0.0000	1,033.8554
Strip Mall	21	4.2628	0.2519	0.0000	9.5532
Total		512.4466	30.2847	0.0000	1,148.4259

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2272.63	461.3234	27.2634	0.0000	1,033.8554
Strip Mall	21	4.2628	0.2519	0.0000	9.5532
Total		512.4466	30.2847	0.0000	1,148.4259

9.0 Operational Offroad

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

Otay Ranch Village 13, Unmitigated, SMAQMD No Action Taken Scenario
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	57.00	Dwelling Unit	13.10	57,000.00	163
Single Family Housing	1,881.00	Dwelling Unit	525.00	6,207,300.00	5380
Strip Mall	40.00	1000sqft	1.00	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	622.74	CH4 Intensity (lb/MW hr)	0.026	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2526438	0
tblAreaCoating	Area_Residential_Exterior	4228403	0
tblAreaCoating	Area_Residential_Interior	12685208	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExterior	250	0

tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	9,300.00	0.00
tblConstructionPhase	NumDays	600.00	0.00
tblConstructionPhase	NumDays	930.00	0.00
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	360.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	NumberGas	31.35	57.00
tblFireplaces	NumberGas	1,034.55	1,881.00
tblFireplaces	NumberWood	19.95	0.00
tblFireplaces	NumberWood	658.35	0.00
tblLandUse	LandUseSquareFeet	3,385,800.00	6,207,300.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	3.56	13.10
tblLandUse	LotAcreage	610.71	525.00
tblLandUse	LotAcreage	0.92	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.026
tblProjectCharacteristics	CO2IntensityFactor	720.49	622.74
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.007
tblProjectCharacteristics	OperationalYear	2014	2020
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	5.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,421.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	284.00	0.00
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	3.16	3.45
tblVehicleEF	HHD	1.37	1.27
tblVehicleEF	HHD	65.60	54.20
tblVehicleEF	HHD	528.33	527.66
tblVehicleEF	HHD	1,547.78	1,538.82

tblVehicleEF	HHD	50.38	55.97
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.96	3.27
tblVehicleEF	HHD	3.73	2.08
tblVehicleEF	HHD	4.25	3.65
tblVehicleEF	HHD	0.01	9.0700e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.7690e-003	7.7400e-004
tblVehicleEF	HHD	9.2620e-003	8.3440e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7120e-003	8.7210e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	1.5800e-003	7.1800e-004
tblVehicleEF	HHD	1.7100e-003	1.2540e-003
tblVehicleEF	HHD	0.10	0.07
tblVehicleEF	HHD	0.56	0.61
tblVehicleEF	HHD	1.6090e-003	1.2250e-003
tblVehicleEF	HHD	0.23	0.21
tblVehicleEF	HHD	0.52	0.33
tblVehicleEF	HHD	2.25	1.38
tblVehicleEF	HHD	5.6010e-003	5.5930e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.6590e-003	1.4410e-003
tblVehicleEF	HHD	1.7100e-003	1.2540e-003
tblVehicleEF	HHD	0.10	0.07
tblVehicleEF	HHD	0.64	0.70
tblVehicleEF	HHD	1.6090e-003	1.2250e-003
tblVehicleEF	HHD	0.26	0.24

tblVehicleEF	HHD	0.52	0.33
tblVehicleEF	HHD	2.40	1.47
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.01	9.7230e-003
tblVehicleEF	HHD	2.30	2.50
tblVehicleEF	HHD	1.38	1.28
tblVehicleEF	HHD	49.98	41.99
tblVehicleEF	HHD	559.72	559.01
tblVehicleEF	HHD	1,547.78	1,538.82
tblVehicleEF	HHD	50.38	49.32
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	4.09	3.37
tblVehicleEF	HHD	3.59	2.00
tblVehicleEF	HHD	4.04	3.48
tblVehicleEF	HHD	8.4870e-003	7.6460e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.7690e-003	7.7400e-004
tblVehicleEF	HHD	7.8080e-003	7.0340e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7120e-003	8.7210e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	1.5800e-003	7.1800e-004
tblVehicleEF	HHD	2.6610e-003	1.8980e-003
tblVehicleEF	HHD	0.10	0.07
tblVehicleEF	HHD	0.53	0.58
tblVehicleEF	HHD	3.0730e-003	2.1800e-003
tblVehicleEF	HHD	0.23	0.21
tblVehicleEF	HHD	0.51	0.32

tblVehicleEF	HHD	1.85	1.18
tblVehicleEF	HHD	5.9330e-003	5.9260e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4010e-003	1.2430e-003
tblVehicleEF	HHD	2.6610e-003	1.8980e-003
tblVehicleEF	HHD	0.10	0.07
tblVehicleEF	HHD	0.60	0.66
tblVehicleEF	HHD	3.0730e-003	2.1800e-003
tblVehicleEF	HHD	0.26	0.25
tblVehicleEF	HHD	0.51	0.32
tblVehicleEF	HHD	1.97	1.25
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	9.7230e-003
tblVehicleEF	HHD	4.35	4.75
tblVehicleEF	HHD	1.37	1.26
tblVehicleEF	HHD	72.54	59.62
tblVehicleEF	HHD	484.98	484.37
tblVehicleEF	HHD	1,547.78	1,538.82
tblVehicleEF	HHD	50.38	49.32
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.78	3.12
tblVehicleEF	HHD	3.72	2.07
tblVehicleEF	HHD	4.34	3.73
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	1.7690e-003	7.7400e-004
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	8.7120e-003	8.7210e-003
tblVehicleEF	HHD	0.07	0.06
tblVehicleEF	HHD	1.5800e-003	7.1800e-004
tblVehicleEF	HHD	1.5640e-003	1.0990e-003
tblVehicleEF	HHD	0.11	0.07
tblVehicleEF	HHD	0.61	0.66
tblVehicleEF	HHD	1.4030e-003	1.0730e-003
tblVehicleEF	HHD	0.23	0.21
tblVehicleEF	HHD	0.57	0.36
tblVehicleEF	HHD	2.43	1.47
tblVehicleEF	HHD	5.1410e-003	5.1350e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.7740e-003	1.5290e-003
tblVehicleEF	HHD	1.5640e-003	1.0990e-003
tblVehicleEF	HHD	0.11	0.07
tblVehicleEF	HHD	0.69	0.75
tblVehicleEF	HHD	1.4030e-003	1.0730e-003
tblVehicleEF	HHD	0.26	0.24
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tblVehicleEF	HHD	2.59	1.57
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	8.5820e-003	0.01
tblVehicleEF	LDA	0.82	0.71
tblVehicleEF	LDA	1.98	1.59
tblVehicleEF	LDA	244.25	355.12
tblVehicleEF	LDA	52.29	58.10
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.11	0.08
tblVehicleEF	LDA	1.8230e-003	2.0140e-003

tblVehicleEF	LDA	3.4360e-003	4.3870e-003
tblVehicleEF	LDA	1.6910e-003	1.8680e-003
tblVehicleEF	LDA	3.1870e-003	4.0710e-003
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.23	0.19
tblVehicleEF	LDA	0.15	0.12
tblVehicleEF	LDA	3.5610e-003	3.5660e-003
tblVehicleEF	LDA	7.7000e-004	7.6500e-004
tblVehicleEF	LDA	0.03	0.03
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tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.23	0.19
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	0.01	9.7290e-003
tblVehicleEF	LDA	8.5820e-003	6.8420e-003
tblVehicleEF	LDA	0.92	0.80
tblVehicleEF	LDA	1.48	1.19
tblVehicleEF	LDA	258.13	236.86
tblVehicleEF	LDA	52.29	47.36
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	1.8230e-003	2.0140e-003
tblVehicleEF	LDA	3.4360e-003	4.3870e-003
tblVehicleEF	LDA	1.6910e-003	1.8680e-003
tblVehicleEF	LDA	3.1870e-003	4.0710e-003

tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.21	0.18
tblVehicleEF	LDA	0.12	0.10
tblVehicleEF	LDA	3.7660e-003	3.7710e-003
tblVehicleEF	LDA	7.6100e-004	7.5800e-004
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.21	0.18
tblVehicleEF	LDA	0.13	0.11
tblVehicleEF	LDA	0.01	9.7290e-003
tblVehicleEF	LDA	8.5820e-003	6.8420e-003
tblVehicleEF	LDA	0.81	0.69
tblVehicleEF	LDA	2.17	1.74
tblVehicleEF	LDA	241.74	221.74
tblVehicleEF	LDA	52.29	47.36
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.11	0.09
tblVehicleEF	LDA	1.8230e-003	2.0140e-003
tblVehicleEF	LDA	3.4360e-003	4.3870e-003
tblVehicleEF	LDA	1.6910e-003	1.8680e-003
tblVehicleEF	LDA	3.1870e-003	4.0710e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.03	0.02

tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.27	0.23
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	3.5240e-003	3.5290e-003
tblVehicleEF	LDA	7.7300e-004	7.6700e-004
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.04	0.03
tblVehicleEF	LDA	0.27	0.23
tblVehicleEF	LDA	0.17	0.14
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	1.56	1.09
tblVehicleEF	LDT1	3.69	2.47
tblVehicleEF	LDT1	297.79	411.13
tblVehicleEF	LDT1	63.53	70.59
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.17	0.12
tblVehicleEF	LDT1	0.21	0.15
tblVehicleEF	LDT1	2.9460e-003	2.5610e-003
tblVehicleEF	LDT1	4.4870e-003	4.5840e-003
tblVehicleEF	LDT1	2.7320e-003	2.3760e-003
tblVehicleEF	LDT1	4.1620e-003	4.2530e-003
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	0.04	0.02
tblVehicleEF	LDT1	0.78	0.63
tblVehicleEF	LDT1	0.27	0.17

tblVehicleEF	LDT1	4.1300e-003	4.1390e-003
tblVehicleEF	LDT1	9.1200e-004	8.9600e-004
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.78	0.63
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	9.8570e-003
tblVehicleEF	LDT1	1.72	1.21
tblVehicleEF	LDT1	2.77	1.86
tblVehicleEF	LDT1	313.82	291.51
tblVehicleEF	LDT1	63.53	58.84
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.16	0.11
tblVehicleEF	LDT1	0.20	0.13
tblVehicleEF	LDT1	2.9460e-003	2.5610e-003
tblVehicleEF	LDT1	4.4870e-003	4.5840e-003
tblVehicleEF	LDT1	2.7320e-003	2.3760e-003
tblVehicleEF	LDT1	4.1620e-003	4.2530e-003
tblVehicleEF	LDT1	0.15	0.12
tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	0.17	0.14
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.71	0.57
tblVehicleEF	LDT1	0.22	0.14
tblVehicleEF	LDT1	4.3560e-003	4.3670e-003
tblVehicleEF	LDT1	8.9600e-004	8.8600e-004
tblVehicleEF	LDT1	0.15	0.12

tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	0.17	0.14
tblVehicleEF	LDT1	0.06	0.04
tblVehicleEF	LDT1	0.71	0.57
tblVehicleEF	LDT1	0.24	0.15
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	9.8570e-003
tblVehicleEF	LDT1	1.53	1.07
tblVehicleEF	LDT1	4.04	2.70
tblVehicleEF	LDT1	294.90	273.72
tblVehicleEF	LDT1	63.53	58.84
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.18	0.12
tblVehicleEF	LDT1	0.22	0.15
tblVehicleEF	LDT1	2.9460e-003	2.5610e-003
tblVehicleEF	LDT1	4.4870e-003	4.5840e-003
tblVehicleEF	LDT1	2.7320e-003	2.3760e-003
tblVehicleEF	LDT1	4.1620e-003	4.2530e-003
tblVehicleEF	LDT1	0.08	0.06
tblVehicleEF	LDT1	0.26	0.21
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.04	0.02
tblVehicleEF	LDT1	0.97	0.77
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	4.0890e-003	4.0980e-003
tblVehicleEF	LDT1	9.1800e-004	9.0000e-004
tblVehicleEF	LDT1	0.08	0.06
tblVehicleEF	LDT1	0.26	0.21
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.05	0.04

tblVehicleEF	LDT1	0.97	0.77
tblVehicleEF	LDT1	0.31	0.20
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	8.2780e-003	0.01
tblVehicleEF	LDT2	0.93	0.73
tblVehicleEF	LDT2	2.20	1.51
tblVehicleEF	LDT2	364.72	483.82
tblVehicleEF	LDT2	77.49	86.11
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	0.19	0.12
tblVehicleEF	LDT2	1.7600e-003	1.9610e-003
tblVehicleEF	LDT2	3.3350e-003	4.2550e-003
tblVehicleEF	LDT2	1.6320e-003	1.8200e-003
tblVehicleEF	LDT2	3.0930e-003	3.9480e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.40	0.35
tblVehicleEF	LDT2	0.15	0.10
tblVehicleEF	LDT2	4.8440e-003	4.8490e-003
tblVehicleEF	LDT2	1.0420e-003	1.0330e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.40	0.35
tblVehicleEF	LDT2	0.16	0.10
tblVehicleEF	LDT2	0.01	0.01

tblVehicleEF	LDT2	8.2780e-003	5.4980e-003
tblVehicleEF	LDT2	1.04	0.82
tblVehicleEF	LDT2	1.65	1.13
tblVehicleEF	LDT2	384.93	362.93
tblVehicleEF	LDT2	77.49	72.62
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.17	0.11
tblVehicleEF	LDT2	1.7600e-003	1.9610e-003
tblVehicleEF	LDT2	3.3350e-003	4.2550e-003
tblVehicleEF	LDT2	1.6320e-003	1.8200e-003
tblVehicleEF	LDT2	3.0930e-003	3.9480e-003
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.14	0.11
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.37	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	5.1150e-003	5.1200e-003
tblVehicleEF	LDT2	1.0320e-003	1.0270e-003
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.14	0.11
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.37	0.32
tblVehicleEF	LDT2	0.13	0.09
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	8.2780e-003	5.4980e-003
tblVehicleEF	LDT2	0.91	0.71
tblVehicleEF	LDT2	2.41	1.65

tblVehicleEF	LDT2	361.06	340.35
tblVehicleEF	LDT2	77.49	72.62
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	0.19	0.12
tblVehicleEF	LDT2	1.7600e-003	1.9610e-003
tblVehicleEF	LDT2	3.3350e-003	4.2550e-003
tblVehicleEF	LDT2	1.6320e-003	1.8200e-003
tblVehicleEF	LDT2	3.0930e-003	3.9480e-003
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.49	0.42
tblVehicleEF	LDT2	0.16	0.10
tblVehicleEF	LDT2	4.7950e-003	4.8000e-003
tblVehicleEF	LDT2	1.0450e-003	1.0350e-003
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.49	0.42
tblVehicleEF	LDT2	0.17	0.11
tblVehicleEF	LHD1	1.1720e-003	1.4467e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	1.50	0.94
tblVehicleEF	LHD1	3.75	2.97
tblVehicleEF	LHD1	7.98	7.98

tblVehicleEF	LHD1	734.00	586.97
tblVehicleEF	LHD1	36.60	40.66
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	1.23	0.83
tblVehicleEF	LHD1	1.16	1.02
tblVehicleEF	LHD1	6.8200e-004	6.6900e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3720e-003	9.3730e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6400e-004	5.6500e-004
tblVehicleEF	LHD1	6.2700e-004	6.1500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.0000e-004	5.2500e-004
tblVehicleEF	LHD1	2.0350e-003	1.7270e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6100e-003	1.4850e-003
tblVehicleEF	LHD1	0.15	0.09
tblVehicleEF	LHD1	0.48	0.42
tblVehicleEF	LHD1	0.34	0.25
tblVehicleEF	LHD1	8.0840e-003	8.0690e-003
tblVehicleEF	LHD1	4.7500e-004	4.6600e-004
tblVehicleEF	LHD1	2.0350e-003	1.7270e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6100e-003	1.4850e-003
tblVehicleEF	LHD1	0.17	0.11
tblVehicleEF	LHD1	0.48	0.42

tblVehicleEF	LHD1	0.36	0.26
tblVehicleEF	LHD1	1.1720e-003	1.1280e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	1.53	0.96
tblVehicleEF	LHD1	2.93	2.33
tblVehicleEF	LHD1	734.00	733.49
tblVehicleEF	LHD1	36.60	37.10
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	1.17	0.79
tblVehicleEF	LHD1	1.11	0.97
tblVehicleEF	LHD1	6.8200e-004	6.6900e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3720e-003	9.3730e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6400e-004	5.6500e-004
tblVehicleEF	LHD1	6.2700e-004	6.1500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.0000e-004	5.2500e-004
tblVehicleEF	LHD1	2.9700e-003	2.5090e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.7670e-003	2.4990e-003
tblVehicleEF	LHD1	0.15	0.09
tblVehicleEF	LHD1	0.46	0.41
tblVehicleEF	LHD1	0.29	0.22
tblVehicleEF	LHD1	8.0840e-003	8.0690e-003

tblVehicleEF	LHD1	4.6100e-004	4.5500e-004
tblVehicleEF	LHD1	2.9700e-003	2.5090e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.7670e-003	2.4990e-003
tblVehicleEF	LHD1	0.17	0.11
tblVehicleEF	LHD1	0.46	0.41
tblVehicleEF	LHD1	0.31	0.23
tblVehicleEF	LHD1	1.1720e-003	1.1280e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	1.49	0.94
tblVehicleEF	LHD1	4.11	3.26
tblVehicleEF	LHD1	734.00	733.49
tblVehicleEF	LHD1	36.60	37.10
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	1.22	0.83
tblVehicleEF	LHD1	1.18	1.04
tblVehicleEF	LHD1	6.8200e-004	6.6900e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3720e-003	9.3730e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6400e-004	5.6500e-004
tblVehicleEF	LHD1	6.2700e-004	6.1500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.0000e-004	5.2500e-004
tblVehicleEF	LHD1	1.8970e-003	1.5580e-003

tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4220e-003	1.3090e-003
tblVehicleEF	LHD1	0.14	0.09
tblVehicleEF	LHD1	0.53	0.47
tblVehicleEF	LHD1	0.36	0.26
tblVehicleEF	LHD1	8.0830e-003	8.0680e-003
tblVehicleEF	LHD1	4.8200e-004	4.7100e-004
tblVehicleEF	LHD1	1.8970e-003	1.5580e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4220e-003	1.3090e-003
tblVehicleEF	LHD1	0.17	0.11
tblVehicleEF	LHD1	0.53	0.47
tblVehicleEF	LHD1	0.38	0.28
tblVehicleEF	LHD2	8.7100e-004	1.0756e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.6180e-003	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.99	0.72
tblVehicleEF	LHD2	1.83	1.48
tblVehicleEF	LHD2	623.36	621.96
tblVehicleEF	LHD2	22.28	24.75
tblVehicleEF	LHD2	5.1400e-003	5.1990e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.78	1.15
tblVehicleEF	LHD2	0.66	0.58
tblVehicleEF	LHD2	1.2840e-003	1.2750e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.8000e-004	2.1600e-004
tblVehicleEF	LHD2	1.1810e-003	1.1730e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6170e-003	2.6190e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.5100e-004	2.0100e-004
tblVehicleEF	LHD2	9.4700e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.9100e-004	7.0800e-004
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	LHD2	0.17	0.12
tblVehicleEF	LHD2	6.7800e-003	6.7610e-003
tblVehicleEF	LHD2	2.8100e-004	2.7800e-004
tblVehicleEF	LHD2	9.4700e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.9100e-004	7.0800e-004
tblVehicleEF	LHD2	0.15	0.10
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	LHD2	0.18	0.13
tblVehicleEF	LHD2	8.7100e-004	8.4500e-004
tblVehicleEF	LHD2	0.01	8.4540e-003
tblVehicleEF	LHD2	9.6180e-003	6.7880e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	1.00	0.72
tblVehicleEF	LHD2	1.44	1.16
tblVehicleEF	LHD2	623.36	621.96

tblVehicleEF	LHD2	22.28	22.61
tblVehicleEF	LHD2	5.1400e-003	5.1990e-003
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tblVehicleEF	LHD2	1.72	1.11
tblVehicleEF	LHD2	0.63	0.55
tblVehicleEF	LHD2	1.2840e-003	1.2750e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.8000e-004	2.1600e-004
tblVehicleEF	LHD2	1.1810e-003	1.1730e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6170e-003	2.6190e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.5100e-004	2.0100e-004
tblVehicleEF	LHD2	1.3820e-003	1.1090e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.3590e-003	1.1880e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.21	0.16
tblVehicleEF	LHD2	0.15	0.11
tblVehicleEF	LHD2	6.7800e-003	6.7610e-003
tblVehicleEF	LHD2	2.7400e-004	2.7200e-004
tblVehicleEF	LHD2	1.3820e-003	1.1090e-003
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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.3590e-003	1.1880e-003
tblVehicleEF	LHD2	0.15	0.10
tblVehicleEF	LHD2	0.21	0.16

tblVehicleEF	LHD2	0.16	0.11
tblVehicleEF	LHD2	8.7100e-004	8.4500e-004
tblVehicleEF	LHD2	0.01	8.4540e-003
tblVehicleEF	LHD2	9.6180e-003	6.7880e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.98	0.72
tblVehicleEF	LHD2	2.01	1.62
tblVehicleEF	LHD2	623.36	621.96
tblVehicleEF	LHD2	22.28	22.61
tblVehicleEF	LHD2	5.1400e-003	5.1990e-003
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tblVehicleEF	LHD2	1.78	1.15
tblVehicleEF	LHD2	0.67	0.59
tblVehicleEF	LHD2	1.2840e-003	1.2750e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.8000e-004	2.1600e-004
tblVehicleEF	LHD2	1.1810e-003	1.1730e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6170e-003	2.6190e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.5100e-004	2.0100e-004
tblVehicleEF	LHD2	8.6500e-004	6.6800e-004
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9500e-004	6.2100e-004
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.24	0.19
tblVehicleEF	LHD2	0.18	0.13

tblVehicleEF	LHD2	6.7800e-003	6.7610e-003
tblVehicleEF	LHD2	2.8400e-004	2.8000e-004
tblVehicleEF	LHD2	8.6500e-004	6.6800e-004
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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9500e-004	6.2100e-004
tblVehicleEF	LHD2	0.15	0.10
tblVehicleEF	LHD2	0.24	0.19
tblVehicleEF	LHD2	0.19	0.14
tblVehicleEF	MCY	28.19	25.73
tblVehicleEF	MCY	10.27	10.40
tblVehicleEF	MCY	156.52	158.11
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tblVehicleEF	MCY	6.5640e-003	6.5110e-003
tblVehicleEF	MCY	1.24	1.22
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.9100e-004	2.9400e-004
tblVehicleEF	MCY	9.6800e-004	7.2800e-004
tblVehicleEF	MCY	3.2800e-004	2.5300e-004
tblVehicleEF	MCY	8.0400e-004	6.2700e-004
tblVehicleEF	MCY	0.71	0.70
tblVehicleEF	MCY	0.39	0.37
tblVehicleEF	MCY	0.52	0.52
tblVehicleEF	MCY	2.95	2.83
tblVehicleEF	MCY	1.26	1.16
tblVehicleEF	MCY	2.11	2.08
tblVehicleEF	MCY	2.2740e-003	2.2490e-003
tblVehicleEF	MCY	6.5600e-004	6.4100e-004
tblVehicleEF	MCY	0.71	0.70
tblVehicleEF	MCY	0.39	0.37

tblVehicleEF	MCY	0.52	0.52
tblVehicleEF	MCY	3.22	3.09
tblVehicleEF	MCY	1.26	1.16
tblVehicleEF	MCY	2.27	2.23
tblVehicleEF	MCY	26.61	24.34
tblVehicleEF	MCY	8.79	8.84
tblVehicleEF	MCY	156.52	158.11
tblVehicleEF	MCY	38.51	37.09
tblVehicleEF	MCY	6.5640e-003	6.5110e-003
tblVehicleEF	MCY	1.11	1.10
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.9100e-004	2.9400e-004
tblVehicleEF	MCY	9.6800e-004	7.2800e-004
tblVehicleEF	MCY	3.2800e-004	2.5300e-004
tblVehicleEF	MCY	8.0400e-004	6.2700e-004
tblVehicleEF	MCY	1.17	1.16
tblVehicleEF	MCY	0.46	0.44
tblVehicleEF	MCY	1.11	1.10
tblVehicleEF	MCY	2.86	2.76
tblVehicleEF	MCY	1.13	1.04
tblVehicleEF	MCY	1.81	1.79
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tblVehicleEF	MCY	6.2300e-004	6.0700e-004
tblVehicleEF	MCY	1.17	1.16
tblVehicleEF	MCY	0.46	0.44
tblVehicleEF	MCY	1.11	1.10
tblVehicleEF	MCY	3.12	3.01
tblVehicleEF	MCY	1.13	1.04
tblVehicleEF	MCY	1.94	1.92
tblVehicleEF	MCY	29.25	26.66

tblVehicleEF	MCY	10.95	11.11
tblVehicleEF	MCY	156.52	158.11
tblVehicleEF	MCY	38.51	37.09
tblVehicleEF	MCY	6.5640e-003	6.5110e-003
tblVehicleEF	MCY	1.25	1.23
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	3.9100e-004	2.9400e-004
tblVehicleEF	MCY	9.6800e-004	7.2800e-004
tblVehicleEF	MCY	3.2800e-004	2.5300e-004
tblVehicleEF	MCY	8.0400e-004	6.2700e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.53	0.50
tblVehicleEF	MCY	0.40	0.39
tblVehicleEF	MCY	3.00	2.88
tblVehicleEF	MCY	1.56	1.46
tblVehicleEF	MCY	2.25	2.21
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tblVehicleEF	MCY	6.7100e-004	6.5600e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.53	0.50
tblVehicleEF	MCY	0.40	0.39
tblVehicleEF	MCY	3.27	3.14
tblVehicleEF	MCY	1.56	1.46
tblVehicleEF	MCY	2.41	2.37
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.68	1.20
tblVehicleEF	MDV	4.19	2.97
tblVehicleEF	MDV	489.56	617.11
tblVehicleEF	MDV	103.31	114.79

tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.23	0.16
tblVehicleEF	MDV	0.38	0.26
tblVehicleEF	MDV	3.4670e-003	3.9950e-003
tblVehicleEF	MDV	1.8870e-003	1.8930e-003
tblVehicleEF	MDV	3.2110e-003	3.7070e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.20	0.19
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.60	0.56
tblVehicleEF	MDV	0.34	0.23
tblVehicleEF	MDV	6.1880e-003	6.2010e-003
tblVehicleEF	MDV	1.3480e-003	1.3330e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.20	0.19
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.60	0.56
tblVehicleEF	MDV	0.36	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	1.86	1.34
tblVehicleEF	MDV	3.15	2.22
tblVehicleEF	MDV	516.30	487.06
tblVehicleEF	MDV	103.31	97.53
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.21	0.14
tblVehicleEF	MDV	0.35	0.24
tblVehicleEF	MDV	3.4670e-003	3.9950e-003

tblVehicleEF	MDV	1.8870e-003	1.8930e-003
tblVehicleEF	MDV	3.2110e-003	3.7070e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.21	0.20
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.56	0.52
tblVehicleEF	MDV	0.28	0.19
tblVehicleEF	MDV	6.5290e-003	6.5450e-003
tblVehicleEF	MDV	1.3290e-003	1.3200e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.21	0.20
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.56	0.52
tblVehicleEF	MDV	0.30	0.20
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	1.66	1.18
tblVehicleEF	MDV	4.58	3.25
tblVehicleEF	MDV	484.72	457.05
tblVehicleEF	MDV	103.31	97.53
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.23	0.16
tblVehicleEF	MDV	0.40	0.27
tblVehicleEF	MDV	3.4670e-003	3.9950e-003
tblVehicleEF	MDV	1.8870e-003	1.8930e-003
tblVehicleEF	MDV	3.2110e-003	3.7070e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.22	0.20

tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.72	0.67
tblVehicleEF	MDV	0.36	0.24
tblVehicleEF	MDV	6.1260e-003	6.1390e-003
tblVehicleEF	MDV	1.3540e-003	1.3380e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.22	0.20
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.72	0.67
tblVehicleEF	MDV	0.39	0.26
tblVehicleEF	MH	2.03	0.75
tblVehicleEF	MH	6.63	4.89
tblVehicleEF	MH	681.06	681.53
tblVehicleEF	MH	28.25	31.39
tblVehicleEF	MH	3.4460e-003	3.4310e-003
tblVehicleEF	MH	1.38	1.02
tblVehicleEF	MH	0.74	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5470e-003	8.5460e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	7.2200e-004	3.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.6300e-004	3.4100e-004
tblVehicleEF	MH	0.81	0.53
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.44	0.33
tblVehicleEF	MH	0.10	0.05

tblVehicleEF	MH	1.79	1.08
tblVehicleEF	MH	0.37	0.27
tblVehicleEF	MH	7.5150e-003	7.4980e-003
tblVehicleEF	MH	4.2900e-004	3.9700e-004
tblVehicleEF	MH	0.81	0.53
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.44	0.33
tblVehicleEF	MH	0.12	0.07
tblVehicleEF	MH	1.79	1.08
tblVehicleEF	MH	0.39	0.28
tblVehicleEF	MH	2.09	0.76
tblVehicleEF	MH	5.08	3.80
tblVehicleEF	MH	681.06	681.53
tblVehicleEF	MH	28.25	28.13
tblVehicleEF	MH	3.4460e-003	3.4310e-003
tblVehicleEF	MH	1.30	0.97
tblVehicleEF	MH	0.71	0.57
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5470e-003	8.5460e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	7.2200e-004	3.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.6300e-004	3.4100e-004
tblVehicleEF	MH	1.11	0.74
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.76	0.57
tblVehicleEF	MH	0.10	0.05
tblVehicleEF	MH	1.74	1.04
tblVehicleEF	MH	0.31	0.23

tblVehicleEF	MH	7.5160e-003	7.4980e-003
tblVehicleEF	MH	4.0300e-004	3.7900e-004
tblVehicleEF	MH	1.11	0.74
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.76	0.57
tblVehicleEF	MH	0.12	0.07
tblVehicleEF	MH	1.74	1.04
tblVehicleEF	MH	0.33	0.25
tblVehicleEF	MH	2.01	0.74
tblVehicleEF	MH	7.33	5.39
tblVehicleEF	MH	681.06	681.53
tblVehicleEF	MH	28.25	28.13
tblVehicleEF	MH	3.4460e-003	3.4310e-003
tblVehicleEF	MH	1.38	1.02
tblVehicleEF	MH	0.76	0.61
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5470e-003	8.5460e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	7.2200e-004	3.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.6300e-004	3.4100e-004
tblVehicleEF	MH	0.84	0.53
tblVehicleEF	MH	0.09	0.05
tblVehicleEF	MH	0.41	0.30
tblVehicleEF	MH	0.10	0.05
tblVehicleEF	MH	1.92	1.16
tblVehicleEF	MH	0.39	0.28
tblVehicleEF	MH	7.5140e-003	7.4980e-003
tblVehicleEF	MH	4.4100e-004	4.0500e-004

tblVehicleEF	MH	0.84	0.53
tblVehicleEF	MH	0.09	0.05
tblVehicleEF	MH	0.41	0.30
tblVehicleEF	MH	0.12	0.07
tblVehicleEF	MH	1.92	1.16
tblVehicleEF	MH	0.42	0.30
tblVehicleEF	MHD	7.6150e-003	9.4011e-003
tblVehicleEF	MHD	5.1900e-003	5.7667e-003
tblVehicleEF	MHD	1.91	2.10
tblVehicleEF	MHD	0.77	0.50
tblVehicleEF	MHD	16.82	11.39
tblVehicleEF	MHD	572.06	572.68
tblVehicleEF	MHD	995.11	991.19
tblVehicleEF	MHD	49.80	55.33
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	4.60	3.30
tblVehicleEF	MHD	1.79	0.94
tblVehicleEF	MHD	1.78	1.30
tblVehicleEF	MHD	0.01	7.6210e-003
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.6820e-003	8.9300e-004
tblVehicleEF	MHD	0.01	7.0120e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8430e-003	2.8440e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.5330e-003	8.2900e-004
tblVehicleEF	MHD	2.1230e-003	1.5330e-003
tblVehicleEF	MHD	0.09	0.07

tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.6670e-003	1.3280e-003
tblVehicleEF	MHD	0.13	0.11
tblVehicleEF	MHD	0.48	0.40
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tblVehicleEF	MHD	6.0640e-003	6.0710e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.4700e-004	7.4700e-004
tblVehicleEF	MHD	2.1230e-003	1.5330e-003
tblVehicleEF	MHD	0.09	0.07
tblVehicleEF	MHD	0.19	0.20
tblVehicleEF	MHD	1.6670e-003	1.3280e-003
tblVehicleEF	MHD	0.15	0.12
tblVehicleEF	MHD	0.48	0.40
tblVehicleEF	MHD	1.04	0.71
tblVehicleEF	MHD	7.1760e-003	7.7630e-003
tblVehicleEF	MHD	5.1900e-003	4.5560e-003
tblVehicleEF	MHD	1.39	1.52
tblVehicleEF	MHD	0.78	0.50
tblVehicleEF	MHD	12.98	8.88
tblVehicleEF	MHD	606.05	606.71
tblVehicleEF	MHD	995.11	991.19
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tblVehicleEF	MHD	4.74	3.41
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tblVehicleEF	MHD	1.70	1.24
tblVehicleEF	MHD	9.7830e-003	6.4250e-003
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01

tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.6820e-003	8.9300e-004
tblVehicleEF	MHD	9.0000e-003	5.9110e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8430e-003	2.8440e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.5330e-003	8.2900e-004
tblVehicleEF	MHD	3.1680e-003	2.2580e-003
tblVehicleEF	MHD	0.10	0.08
tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	3.0070e-003	2.2890e-003
tblVehicleEF	MHD	0.13	0.11
tblVehicleEF	MHD	0.47	0.38
tblVehicleEF	MHD	0.83	0.57
tblVehicleEF	MHD	6.4240e-003	6.4310e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.8200e-004	7.0400e-004
tblVehicleEF	MHD	3.1680e-003	2.2580e-003
tblVehicleEF	MHD	0.10	0.08
tblVehicleEF	MHD	0.18	0.19
tblVehicleEF	MHD	3.0070e-003	2.2890e-003
tblVehicleEF	MHD	0.15	0.12
tblVehicleEF	MHD	0.47	0.38
tblVehicleEF	MHD	0.89	0.61
tblVehicleEF	MHD	8.2210e-003	8.8930e-003
tblVehicleEF	MHD	5.1900e-003	4.5560e-003
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tblVehicleEF	MHD	0.77	0.50
tblVehicleEF	MHD	18.52	12.51
tblVehicleEF	MHD	525.12	525.70

tblVehicleEF	MHD	995.11	991.19
tblVehicleEF	MHD	49.80	49.32
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	4.39	3.16
tblVehicleEF	MHD	1.78	0.94
tblVehicleEF	MHD	1.82	1.33
tblVehicleEF	MHD	0.01	9.2740e-003
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.6820e-003	8.9300e-004
tblVehicleEF	MHD	0.01	8.5320e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8430e-003	2.8440e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.5330e-003	8.2900e-004
tblVehicleEF	MHD	2.0010e-003	1.3870e-003
tblVehicleEF	MHD	0.11	0.08
tblVehicleEF	MHD	0.18	0.19
tblVehicleEF	MHD	1.4670e-003	1.1680e-003
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tblVehicleEF	MHD	1.04	0.70
tblVehicleEF	MHD	5.5670e-003	5.5730e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.7600e-004	7.6600e-004
tblVehicleEF	MHD	2.0010e-003	1.3870e-003
tblVehicleEF	MHD	0.11	0.08
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.4670e-003	1.1680e-003

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tblVehicleEF	OBUS	2.8860e-003	3.2067e-003
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tblVehicleEF	OBUS	1.34	0.84
tblVehicleEF	OBUS	10.77	8.05
tblVehicleEF	OBUS	534.88	533.44
tblVehicleEF	OBUS	1,037.87	1,036.55
tblVehicleEF	OBUS	32.81	36.45
tblVehicleEF	OBUS	1.8710e-003	1.8890e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.33	1.10
tblVehicleEF	OBUS	1.52	1.15
tblVehicleEF	OBUS	9.5470e-003	8.7930e-003
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	6.9800e-004	4.7500e-004
tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6050e-003	2.6110e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	6.4300e-004	4.4100e-004
tblVehicleEF	OBUS	7.6500e-004	7.0700e-004
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tblVehicleEF	OBUS	5.6700e-003	5.6550e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.5400e-004	5.0500e-004
tblVehicleEF	OBUS	7.6500e-004	7.0700e-004
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tblVehicleEF	OBUS	0.53	0.64
tblVehicleEF	OBUS	5.2600e-004	5.1500e-004
tblVehicleEF	OBUS	0.18	0.14
tblVehicleEF	OBUS	0.30	0.29
tblVehicleEF	OBUS	0.70	0.52
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.8860e-003	2.8580e-003
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tblVehicleEF	OBUS	8.39	6.28
tblVehicleEF	OBUS	566.66	565.14
tblVehicleEF	OBUS	1,037.87	1,036.55
tblVehicleEF	OBUS	32.81	32.73
tblVehicleEF	OBUS	1.8710e-003	1.8890e-003
tblVehicleEF	OBUS	4.79	3.30
tblVehicleEF	OBUS	2.23	1.05
tblVehicleEF	OBUS	1.45	1.09
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	6.9800e-004	4.7500e-004
tblVehicleEF	OBUS	7.4040e-003	6.8190e-003

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tblVehicleEF	OBUS	2.6050e-003	2.6110e-003
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tblVehicleEF	OBUS	6.4300e-004	4.4100e-004
tblVehicleEF	OBUS	1.0830e-003	9.9900e-004
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tblVehicleEF	OBUS	0.44	0.53
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tblVehicleEF	OBUS	1.0830e-003	9.9900e-004
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tblVehicleEF	OBUS	7.3600e-004	6.5800e-004
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tblVehicleEF	OBUS	7.3600e-004	6.5800e-004
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tblVehicleEF	OBUS	0.57	0.69
tblVehicleEF	OBUS	4.7600e-004	4.6200e-004
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tblVehicleEF	OBUS	0.32	0.31
tblVehicleEF	OBUS	0.74	0.55

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tblVehicleEF	SBUS	1,024.49	1,011.31
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tblVehicleEF	SBUS	1.8010e-003	1.6790e-003
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tblVehicleEF	SBUS	0.10	0.12
tblVehicleEF	SBUS	0.03	0.02
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tblVehicleEF	SBUS	2.08	1.61
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tblVehicleEF	SBUS	5.3930e-003	6.1960e-003
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tblVehicleEF	SBUS	1,024.49	1,011.31
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tblVehicleEF	SBUS	5.1810e-003	3.4270e-003
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tblVehicleEF	SBUS	2.7220e-003	2.7000e-003
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tblVehicleEF	SBUS	0.26	0.21
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tblVehicleEF	SBUS	0.01	0.01
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tblVehicleEF	SBUS	2.34	1.79
tblVehicleEF	SBUS	5.3230e-003	5.4360e-003
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tblVehicleEF	SBUS	1.9490e-003	1.7960e-003
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tblVehicleEF	SBUS	0.26	0.21
tblVehicleEF	SBUS	0.12	0.13
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.43	0.36
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tblVehicleEF	SBUS	2.50	1.91
tblVehicleEF	UBUS	3.03	2.81
tblVehicleEF	UBUS	5.66	5.20
tblVehicleEF	UBUS	1,981.57	1,960.19

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tblVehicleEF	UBUS	2.0500e-004	2.0000e-004
tblVehicleEF	UBUS	0.18	0.16
tblVehicleEF	UBUS	1.9000e-004	1.8500e-004
tblVehicleEF	UBUS	1.9740e-003	1.9540e-003
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.8420e-003	1.8470e-003
tblVehicleEF	UBUS	0.58	0.54
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tblVehicleEF	UBUS	0.52	0.51
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5800e-004	3.5000e-004
tblVehicleEF	UBUS	1.9740e-003	1.9540e-003
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.8420e-003	1.8470e-003
tblVehicleEF	UBUS	0.66	0.61
tblVehicleEF	UBUS	0.32	0.38
tblVehicleEF	UBUS	0.56	0.54
tblVehicleEF	UBUS	3.06	2.84
tblVehicleEF	UBUS	4.66	4.28
tblVehicleEF	UBUS	1,981.57	1,960.19
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0620e-003	2.0270e-003
tblVehicleEF	UBUS	10.66	9.79
tblVehicleEF	UBUS	0.85	0.81
tblVehicleEF	UBUS	0.19	0.18

tblVehicleEF	UBUS	2.0500e-004	2.0000e-004
tblVehicleEF	UBUS	0.18	0.16
tblVehicleEF	UBUS	1.9000e-004	1.8500e-004
tblVehicleEF	UBUS	2.4040e-003	2.3750e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	3.2720e-003	3.2490e-003
tblVehicleEF	UBUS	0.59	0.54
tblVehicleEF	UBUS	0.29	0.34
tblVehicleEF	UBUS	0.47	0.45
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.4100e-004	3.3400e-004
tblVehicleEF	UBUS	2.4040e-003	2.3750e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	3.2720e-003	3.2490e-003
tblVehicleEF	UBUS	0.66	0.61
tblVehicleEF	UBUS	0.29	0.34
tblVehicleEF	UBUS	0.50	0.48
tblVehicleEF	UBUS	3.02	2.80
tblVehicleEF	UBUS	6.10	5.60
tblVehicleEF	UBUS	1,981.57	1,960.19
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0620e-003	2.0270e-003
tblVehicleEF	UBUS	11.00	10.10
tblVehicleEF	UBUS	0.91	0.88
tblVehicleEF	UBUS	0.19	0.18
tblVehicleEF	UBUS	2.0500e-004	2.0000e-004
tblVehicleEF	UBUS	0.18	0.16
tblVehicleEF	UBUS	1.9000e-004	1.8500e-004
tblVehicleEF	UBUS	1.8930e-003	1.8620e-003
tblVehicleEF	UBUS	0.05	0.05

tblVehicleEF	UBUS	1.6820e-003	1.6830e-003
tblVehicleEF	UBUS	0.58	0.54
tblVehicleEF	UBUS	0.40	0.48
tblVehicleEF	UBUS	0.55	0.53
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.6600e-004	3.5700e-004
tblVehicleEF	UBUS	1.8930e-003	1.8620e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6820e-003	1.6830e-003
tblVehicleEF	UBUS	0.66	0.60
tblVehicleEF	UBUS	0.40	0.48
tblVehicleEF	UBUS	0.59	0.57
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00
tblVehicleTrips	ST_TR	10.08	10.00
tblVehicleTrips	ST_TR	42.04	120.00
tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00
tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00

tblVehicleTrips	WD_TR	44.32	120.00
tblWoodstoves	NumberCatalytic	2.85	0.00
tblWoodstoves	NumberCatalytic	94.05	0.00
tblWoodstoves	NumberNoncatalytic	2.85	0.00
tblWoodstoves	NumberNoncatalytic	94.05	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Area	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652
Energy	0.4097	3.5554	1.8901	0.0224		0.2830	0.2830		0.2830	0.2830	0.0000	9,540.6072	9,540.6072	0.3068	0.1360	9,589.2089
Mobile	11.6135	21.0272	111.7354	0.3736	25.5702	0.4166	25.9868	6.8385	0.3847	7.2231	0.0000	32,744.4596	32,744.4596	1.1331	0.0000	32,768.2549
Waste						0.0000	0.0000		0.0000	0.0000	508.4660	0.0000	508.4660	30.0495	0.0000	1,139.5050
Water						0.0000	0.0000		0.0000	0.0000	43.7004	890.5322	934.2326	4.5256	0.1160	1,065.2285
Total	44.0512	24.7496	128.0744	0.3967	25.5702	0.8180	26.3882	6.8385	0.7857	7.6242	552.1664	43,757.5833	44,309.7497	36.0487	0.2622	45,148.0624

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	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652
Energy	0.4097	3.5554	1.8901	0.0224		0.2830	0.2830		0.2830	0.2830	0.0000	9,540.6072	9,540.6072	0.3068	0.1360	9,589.2089
Mobile	11.6135	21.0272	111.7354	0.3736	25.5702	0.4166	25.9868	6.8385	0.3847	7.2231	0.0000	32,744.4596	32,744.4596	1.1331	0.0000	32,768.2549
Waste						0.0000	0.0000		0.0000	0.0000	508.4660	0.0000	508.4660	30.0495	0.0000	1,139.5050
Water						0.0000	0.0000		0.0000	0.0000	43.7004	890.5322	934.2326	4.5249	0.1158	1,065.1518
Total	44.0512	24.7496	128.0744	0.3967	25.5702	0.8180	26.3882	6.8385	0.7857	7.6242	552.1664	43,757.5833	44,309.7497	36.0479	0.2620	45,147.9857

	ROG	NOx	CO	SO2	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	0.08	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,685,208; Residential Outdoor: 4,228,403; Non-Residential Indoor: 2,526,441; Non-Residential Outdoor: 842,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	483.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	11.6135	21.0272	111.7354	0.3736	25.5702	0.4166	25.9868	6.8385	0.3847	7.2231	0.0000	32,744.4596	32,744.4596	1.1331	0.0000	32,768.2549
Unmitigated	11.6135	21.0272	111.7354	0.3736	25.5702	0.4166	25.9868	6.8385	0.3847	7.2231	0.0000	32,744.4596	32,744.4596	1.1331	0.0000	32,768.2549

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026

Condo/Townhouse	456.00	456.00	456.00	1,302,018	1,302,018
Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	18,810.00	18,810.00	18810.00	53,708,256	53,708,256
Strip Mall	4,800.00	4,800.00	4800.00	7,392,159	7,392,159
Total	27,195.50	26,295.50	26,295.50	68,001,666	68,001,666

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511923	0.073395	0.191568	0.130918	0.036235	0.005199	0.012665	0.023708	0.001889	0.002027	0.006511	0.000534	0.003431

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: Y

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					

NaturalGas Mitigated	0.4097	3.5554	1.8901	0.0224		0.2830	0.2830		0.2830	0.2830	0.0000	4,054.3081	4,054.3081	0.0777	0.0743	4,078.9819
NaturalGas Unmitigated	0.4097	3.5554	1.8901	0.0224		0.2830	0.2830		0.2830	0.2830	0.0000	4,054.3081	4,054.3081	0.0777	0.0743	4,078.9819
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,486.2991	5,486.2991	0.2291	0.0617	5,510.2269
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,486.2991	5,486.2991	0.2291	0.0617	5,510.2269

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	832380	4.4900e-003	0.0384	0.0163	2.4000e-004		3.1000e-003	3.1000e-003		3.1000e-003	3.1000e-003	0.0000	44.4190	44.4190	8.5000e-004	8.1000e-004	44.6893
Elementary School	345115	1.8600e-003	0.0169	0.0142	1.0000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	18.4166	18.4166	3.5000e-004	3.4000e-004	18.5287
Government Office Building	235600	1.2700e-003	0.0116	9.7000e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004	0.0000	12.5725	12.5725	2.4000e-004	2.3000e-004	12.6490
Hotel	1.78857e+007	0.0964	0.8768	0.7365	5.2600e-003		0.0666	0.0666		0.0666	0.0666	0.0000	954.4510	954.4510	0.0183	0.0175	960.2596
Single Family Housing	5.65796e+007	0.3051	2.6071	1.1094	0.0166		0.2108	0.2108		0.2108	0.2108	0.0000	3,019.3047	3,019.3047	0.0579	0.0554	3,037.6797
Strip Mall	96400	5.2000e-004	4.7300e-003	3.9700e-003	3.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	5.1443	5.1443	1.0000e-004	9.0000e-005	5.1756
Total		0.4097	3.5554	1.8901	0.0223		0.2831	0.2831		0.2831	0.2831	0.0000	4,054.3081	4,054.3081	0.0777	0.0743	4,078.9820

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	832380	4.4900e-003	0.0384	0.0163	2.4000e-004		3.1000e-003	3.1000e-003		3.1000e-003	3.1000e-003	0.0000	44.4190	44.4190	8.5000e-004	8.1000e-004	44.6893
Elementary School	345115	1.8600e-003	0.0169	0.0142	1.0000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	18.4166	18.4166	3.5000e-004	3.4000e-004	18.5287
Government Office Building	235600	1.2700e-003	0.0116	9.7000e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004	0.0000	12.5725	12.5725	2.4000e-004	2.3000e-004	12.6490
Hotel	1.78857e+007	0.0964	0.8768	0.7365	5.2600e-003		0.0666	0.0666		0.0666	0.0666	0.0000	954.4510	954.4510	0.0183	0.0175	960.2596
Single Family Housing	5.65796e+007	0.3051	2.6071	1.1094	0.0166		0.2108	0.2108		0.2108	0.2108	0.0000	3,019.3047	3,019.3047	0.0579	0.0554	3,037.6797
Strip Mall	96400	5.2000e-004	4.7300e-003	3.9700e-003	3.0000e-005		3.6000e-004	3.6000e-004		3.6000e-004	3.6000e-004	0.0000	5.1443	5.1443	1.0000e-004	9.0000e-005	5.1756
Total		0.4097	3.5554	1.8901	0.0223		0.2831	0.2831		0.2831	0.2831	0.0000	4,054.3081	4,054.3081	0.0777	0.0743	4,078.9820

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	249940	70.6005	2.9500e-003	7.9000e-004	70.9085
Elementary School	318529	89.9749	3.7600e-003	1.0100e-003	90.3673
Government Office Building	157400	44.4608	1.8600e-003	5.0000e-004	44.6547
Hotel	4.46926e+006	1,262.4313	0.0527	0.0142	1,267.9372
Single Family Housing	1.36359e+007	3,851.7224	0.1608	0.0433	3,868.5212

Strip Mall	591600	167.1093	6.9800e-003	1.8800e-003	167.8381
Total		5,486.2991	0.2291	0.0617	5,510.2269

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	249940	70.6005	2.9500e-003	7.9000e-004	70.9085
Elementary School	318529	89.9749	3.7600e-003	1.0100e-003	90.3673
Government Office Building	157400	44.4608	1.8600e-003	5.0000e-004	44.6547
Hotel	4.46926e+006	1,262.4313	0.0527	0.0142	1,267.9372
Single Family Housing	1.36359e+007	3,851.7224	0.1608	0.0433	3,868.5212
Strip Mall	591600	167.1093	6.9800e-003	1.8800e-003	167.8381
Total		5,486.2991	0.2291	0.0617	5,510.2269

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					

Landscaping	0.4404	0.1671	14.4458	7.6000e-004		0.0794	0.0794		0.0794	0.0794	0.0000	23.5213	23.5213	0.0230	0.0000	24.0035
Total	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Unmitigated	934.2326	4.5256	0.1160	1,065.2285
Mitigated	934.2326	4.5249	0.1158	1,065.1518

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	111.0530	4.6400e-003	1.2500e-003	111.5373
Condo/Townhouse	3.71378 / 2.3413	22.1852	0.1219	3.0900e-003	25.7039
Elementary School	1.45454 / 3.74026	17.5492	0.0481	1.3100e-003	18.9660
Government Office Building	1.9866 / 1.21759	11.7581	0.0652	1.6500e-003	13.6399
Hotel	5.07335 / 0.563706	22.0386	0.1662	4.1300e-003	26.8094

Single Family Housing	122.555 / 77.2628	732.1119	4.0224	0.1021	848.2288
Strip Mall	2.9629 / 1.81597	17.5366	0.0972	2.4700e-003	20.3432
Total		934.2326	4.5256	0.1160	1,065.2285

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	111.0530	4.6400e-003	1.2500e-003	111.5373
Condo/Townhouse	3.71378 / 2.3413	22.1852	0.1219	3.0900e-003	25.7018
Elementary School	1.45454 / 3.74026	17.5492	0.0481	1.3100e-003	18.9651
Government Office Building	1.9866 / 1.21759	11.7581	0.0652	1.6500e-003	13.6388
Hotel	5.07335 / 0.563706	22.0386	0.1661	4.1300e-003	26.8066
Single Family Housing	122.555 / 77.2628	732.1119	4.0217	0.1019	848.1606
Strip Mall	2.9629 / 1.81597	17.5366	0.0972	2.4600e-003	20.3415
Total		934.2326	4.5249	0.1158	1,065.1518

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	508.4660	30.0495	0.0000	1,139.5050
Unmitigated	508.4660	30.0495	0.0000	1,139.5050

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	26.22	5.3224	0.3146	0.0000	11.9279
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2205.8	447.7575	26.4617	0.0000	1,003.4533
Strip Mall	42	8.5256	0.5039	0.0000	19.1065
Total		508.4660	30.0495	0.0000	1,139.5050

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	26.22	5.3224	0.3146	0.0000	11.9279
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2205.8	447.7575	26.4617	0.0000	1,003.4533
Strip Mall	42	8.5256	0.5039	0.0000	19.1065
Total		508.4660	30.0495	0.0000	1,139.5050

9.0 Operational Offroad

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

Otay Ranch Village 13, Unmitigated, SMAQMD No Action Taken Scenario, Optional Development Scenario
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	0.00	Dwelling Unit	0.00	0.00	0
Single Family Housing	1,938.00	Dwelling Unit	541.00	6,395,400.00	5543
Strip Mall	20.00	1000sqft	1.00	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	622.74	CH4 Intensity (lb/MW hr)	0.026	N2O Intensity (lb/MW hr)	0.007

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2496438	0
tblAreaCoating	Area_Residential_Exterior	4316895	0
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tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	0

tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
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tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	NumDays	1,085.00	0.00
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	420.00	0.00
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tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	FireplaceDayYear	82.00	30.00
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tblFireplaces	NumberGas	1,065.90	1,881.00
tblFireplaces	NumberNoFireplace	0.00	5.70
tblFireplaces	NumberNoFireplace	193.80	188.10
tblFireplaces	NumberWood	678.30	0.00
tblLandUse	LandUseSquareFeet	3,488,400.00	6,395,400.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	629.22	541.00
tblLandUse	LotAcreage	0.46	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
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tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.026
tblProjectCharacteristics	CO2IntensityFactor	720.49	622.74
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.007
tblProjectCharacteristics	OperationalYear	2014	2020
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tblTripsAndVMT	WorkerTripNumber	279.00	0.00
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tblVehicleEF	HHD	0.03	0.03

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tblVehicleEF	LDA	0.06	0.05
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tblVehicleEF	LDA	0.21	0.18
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tblVehicleEF	LDT1	0.02	0.02
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tblVehicleEF	LDT1	0.17	0.12
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tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.10	0.09
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tblVehicleEF	LDT1	0.78	0.63
tblVehicleEF	LDT1	0.27	0.17

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tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	0.05	0.04
tblVehicleEF	LDT1	0.78	0.63
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tblVehicleEF	LDT1	0.15	0.12

tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	0.17	0.14
tblVehicleEF	LDT1	0.06	0.04
tblVehicleEF	LDT1	0.71	0.57
tblVehicleEF	LDT1	0.24	0.15
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	9.8570e-003
tblVehicleEF	LDT1	1.53	1.07
tblVehicleEF	LDT1	4.04	2.70
tblVehicleEF	LDT1	294.90	273.72
tblVehicleEF	LDT1	63.53	58.84
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.18	0.12
tblVehicleEF	LDT1	0.22	0.15
tblVehicleEF	LDT1	2.9460e-003	2.5610e-003
tblVehicleEF	LDT1	4.4870e-003	4.5840e-003
tblVehicleEF	LDT1	2.7320e-003	2.3760e-003
tblVehicleEF	LDT1	4.1620e-003	4.2530e-003
tblVehicleEF	LDT1	0.08	0.06
tblVehicleEF	LDT1	0.26	0.21
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.04	0.02
tblVehicleEF	LDT1	0.97	0.77
tblVehicleEF	LDT1	0.29	0.19
tblVehicleEF	LDT1	4.0890e-003	4.0980e-003
tblVehicleEF	LDT1	9.1800e-004	9.0000e-004
tblVehicleEF	LDT1	0.08	0.06
tblVehicleEF	LDT1	0.26	0.21
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.05	0.04

tblVehicleEF	LDT1	0.97	0.77
tblVehicleEF	LDT1	0.31	0.20
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	8.2780e-003	0.01
tblVehicleEF	LDT2	0.93	0.73
tblVehicleEF	LDT2	2.20	1.51
tblVehicleEF	LDT2	364.72	483.82
tblVehicleEF	LDT2	77.49	86.11
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	0.19	0.12
tblVehicleEF	LDT2	1.7600e-003	1.9610e-003
tblVehicleEF	LDT2	3.3350e-003	4.2550e-003
tblVehicleEF	LDT2	1.6320e-003	1.8200e-003
tblVehicleEF	LDT2	3.0930e-003	3.9480e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.40	0.35
tblVehicleEF	LDT2	0.15	0.10
tblVehicleEF	LDT2	4.8440e-003	4.8490e-003
tblVehicleEF	LDT2	1.0420e-003	1.0330e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.13	0.11
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.40	0.35
tblVehicleEF	LDT2	0.16	0.10
tblVehicleEF	LDT2	0.01	0.01

tblVehicleEF	LDT2	8.2780e-003	5.4980e-003
tblVehicleEF	LDT2	1.04	0.82
tblVehicleEF	LDT2	1.65	1.13
tblVehicleEF	LDT2	384.93	362.93
tblVehicleEF	LDT2	77.49	72.62
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.10	0.08
tblVehicleEF	LDT2	0.17	0.11
tblVehicleEF	LDT2	1.7600e-003	1.9610e-003
tblVehicleEF	LDT2	3.3350e-003	4.2550e-003
tblVehicleEF	LDT2	1.6320e-003	1.8200e-003
tblVehicleEF	LDT2	3.0930e-003	3.9480e-003
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.14	0.11
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.37	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	5.1150e-003	5.1200e-003
tblVehicleEF	LDT2	1.0320e-003	1.0270e-003
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.14	0.11
tblVehicleEF	LDT2	0.10	0.09
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.37	0.32
tblVehicleEF	LDT2	0.13	0.09
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	8.2780e-003	5.4980e-003
tblVehicleEF	LDT2	0.91	0.71
tblVehicleEF	LDT2	2.41	1.65

tblVehicleEF	LDT2	361.06	340.35
tblVehicleEF	LDT2	77.49	72.62
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.11	0.08
tblVehicleEF	LDT2	0.19	0.12
tblVehicleEF	LDT2	1.7600e-003	1.9610e-003
tblVehicleEF	LDT2	3.3350e-003	4.2550e-003
tblVehicleEF	LDT2	1.6320e-003	1.8200e-003
tblVehicleEF	LDT2	3.0930e-003	3.9480e-003
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.49	0.42
tblVehicleEF	LDT2	0.16	0.10
tblVehicleEF	LDT2	4.7950e-003	4.8000e-003
tblVehicleEF	LDT2	1.0450e-003	1.0350e-003
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.49	0.42
tblVehicleEF	LDT2	0.17	0.11
tblVehicleEF	LHD1	1.1720e-003	1.4467e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	1.50	0.94
tblVehicleEF	LHD1	3.75	2.97
tblVehicleEF	LHD1	7.98	7.98

tblVehicleEF	LHD1	734.00	586.97
tblVehicleEF	LHD1	36.60	40.66
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	1.23	0.83
tblVehicleEF	LHD1	1.16	1.02
tblVehicleEF	LHD1	6.8200e-004	6.6900e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3720e-003	9.3730e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6400e-004	5.6500e-004
tblVehicleEF	LHD1	6.2700e-004	6.1500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.0000e-004	5.2500e-004
tblVehicleEF	LHD1	2.0350e-003	1.7270e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6100e-003	1.4850e-003
tblVehicleEF	LHD1	0.15	0.09
tblVehicleEF	LHD1	0.48	0.42
tblVehicleEF	LHD1	0.34	0.25
tblVehicleEF	LHD1	8.0840e-003	8.0690e-003
tblVehicleEF	LHD1	4.7500e-004	4.6600e-004
tblVehicleEF	LHD1	2.0350e-003	1.7270e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.6100e-003	1.4850e-003
tblVehicleEF	LHD1	0.17	0.11
tblVehicleEF	LHD1	0.48	0.42

tblVehicleEF	LHD1	0.36	0.26
tblVehicleEF	LHD1	1.1720e-003	1.1280e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	1.53	0.96
tblVehicleEF	LHD1	2.93	2.33
tblVehicleEF	LHD1	734.00	733.49
tblVehicleEF	LHD1	36.60	37.10
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	1.17	0.79
tblVehicleEF	LHD1	1.11	0.97
tblVehicleEF	LHD1	6.8200e-004	6.6900e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3720e-003	9.3730e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6400e-004	5.6500e-004
tblVehicleEF	LHD1	6.2700e-004	6.1500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.0000e-004	5.2500e-004
tblVehicleEF	LHD1	2.9700e-003	2.5090e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.7670e-003	2.4990e-003
tblVehicleEF	LHD1	0.15	0.09
tblVehicleEF	LHD1	0.46	0.41
tblVehicleEF	LHD1	0.29	0.22
tblVehicleEF	LHD1	8.0840e-003	8.0690e-003

tblVehicleEF	LHD1	4.6100e-004	4.5500e-004
tblVehicleEF	LHD1	2.9700e-003	2.5090e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.7670e-003	2.4990e-003
tblVehicleEF	LHD1	0.17	0.11
tblVehicleEF	LHD1	0.46	0.41
tblVehicleEF	LHD1	0.31	0.23
tblVehicleEF	LHD1	1.1720e-003	1.1280e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	1.49	0.94
tblVehicleEF	LHD1	4.11	3.26
tblVehicleEF	LHD1	734.00	733.49
tblVehicleEF	LHD1	36.60	37.10
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	1.22	0.83
tblVehicleEF	LHD1	1.18	1.04
tblVehicleEF	LHD1	6.8200e-004	6.6900e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3720e-003	9.3730e-003
tblVehicleEF	LHD1	0.02	0.01
tblVehicleEF	LHD1	8.6400e-004	5.6500e-004
tblVehicleEF	LHD1	6.2700e-004	6.1500e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	8.0000e-004	5.2500e-004
tblVehicleEF	LHD1	1.8970e-003	1.5580e-003

tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4220e-003	1.3090e-003
tblVehicleEF	LHD1	0.14	0.09
tblVehicleEF	LHD1	0.53	0.47
tblVehicleEF	LHD1	0.36	0.26
tblVehicleEF	LHD1	8.0830e-003	8.0680e-003
tblVehicleEF	LHD1	4.8200e-004	4.7100e-004
tblVehicleEF	LHD1	1.8970e-003	1.5580e-003
tblVehicleEF	LHD1	0.08	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4220e-003	1.3090e-003
tblVehicleEF	LHD1	0.17	0.11
tblVehicleEF	LHD1	0.53	0.47
tblVehicleEF	LHD1	0.38	0.28
tblVehicleEF	LHD2	8.7100e-004	1.0756e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.6180e-003	0.01
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.99	0.72
tblVehicleEF	LHD2	1.83	1.48
tblVehicleEF	LHD2	623.36	621.96
tblVehicleEF	LHD2	22.28	24.75
tblVehicleEF	LHD2	5.1400e-003	5.1990e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.78	1.15
tblVehicleEF	LHD2	0.66	0.58
tblVehicleEF	LHD2	1.2840e-003	1.2750e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.8000e-004	2.1600e-004
tblVehicleEF	LHD2	1.1810e-003	1.1730e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6170e-003	2.6190e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.5100e-004	2.0100e-004
tblVehicleEF	LHD2	9.4700e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.9100e-004	7.0800e-004
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	LHD2	0.17	0.12
tblVehicleEF	LHD2	6.7800e-003	6.7610e-003
tblVehicleEF	LHD2	2.8100e-004	2.7800e-004
tblVehicleEF	LHD2	9.4700e-004	7.6300e-004
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.9100e-004	7.0800e-004
tblVehicleEF	LHD2	0.15	0.10
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	LHD2	0.18	0.13
tblVehicleEF	LHD2	8.7100e-004	8.4500e-004
tblVehicleEF	LHD2	0.01	8.4540e-003
tblVehicleEF	LHD2	9.6180e-003	6.7880e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	1.00	0.72
tblVehicleEF	LHD2	1.44	1.16
tblVehicleEF	LHD2	623.36	621.96

tblVehicleEF	LHD2	22.28	22.61
tblVehicleEF	LHD2	5.1400e-003	5.1990e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.72	1.11
tblVehicleEF	LHD2	0.63	0.55
tblVehicleEF	LHD2	1.2840e-003	1.2750e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.8000e-004	2.1600e-004
tblVehicleEF	LHD2	1.1810e-003	1.1730e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6170e-003	2.6190e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.5100e-004	2.0100e-004
tblVehicleEF	LHD2	1.3820e-003	1.1090e-003
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.3590e-003	1.1880e-003
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.21	0.16
tblVehicleEF	LHD2	0.15	0.11
tblVehicleEF	LHD2	6.7800e-003	6.7610e-003
tblVehicleEF	LHD2	2.7400e-004	2.7200e-004
tblVehicleEF	LHD2	1.3820e-003	1.1090e-003
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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.3590e-003	1.1880e-003
tblVehicleEF	LHD2	0.15	0.10
tblVehicleEF	LHD2	0.21	0.16

tblVehicleEF	LHD2	0.16	0.11
tblVehicleEF	LHD2	8.7100e-004	8.4500e-004
tblVehicleEF	LHD2	0.01	8.4540e-003
tblVehicleEF	LHD2	9.6180e-003	6.7880e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.98	0.72
tblVehicleEF	LHD2	2.01	1.62
tblVehicleEF	LHD2	623.36	621.96
tblVehicleEF	LHD2	22.28	22.61
tblVehicleEF	LHD2	5.1400e-003	5.1990e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.78	1.15
tblVehicleEF	LHD2	0.67	0.59
tblVehicleEF	LHD2	1.2840e-003	1.2750e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.8000e-004	2.1600e-004
tblVehicleEF	LHD2	1.1810e-003	1.1730e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6170e-003	2.6190e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	3.5100e-004	2.0100e-004
tblVehicleEF	LHD2	8.6500e-004	6.6800e-004
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9500e-004	6.2100e-004
tblVehicleEF	LHD2	0.13	0.09
tblVehicleEF	LHD2	0.24	0.19
tblVehicleEF	LHD2	0.18	0.13

tblVehicleEF	LHD2	6.7800e-003	6.7610e-003
tblVehicleEF	LHD2	2.8400e-004	2.8000e-004
tblVehicleEF	LHD2	8.6500e-004	6.6800e-004
tblVehicleEF	LHD2	0.04	0.03
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9500e-004	6.2100e-004
tblVehicleEF	LHD2	0.15	0.10
tblVehicleEF	LHD2	0.24	0.19
tblVehicleEF	LHD2	0.19	0.14
tblVehicleEF	MCY	28.19	25.73
tblVehicleEF	MCY	10.27	10.40
tblVehicleEF	MCY	156.52	158.11
tblVehicleEF	MCY	38.51	42.79
tblVehicleEF	MCY	6.5640e-003	6.5110e-003
tblVehicleEF	MCY	1.24	1.22
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	3.9100e-004	2.9400e-004
tblVehicleEF	MCY	9.6800e-004	7.2800e-004
tblVehicleEF	MCY	3.2800e-004	2.5300e-004
tblVehicleEF	MCY	8.0400e-004	6.2700e-004
tblVehicleEF	MCY	0.71	0.70
tblVehicleEF	MCY	0.39	0.37
tblVehicleEF	MCY	0.52	0.52
tblVehicleEF	MCY	2.95	2.83
tblVehicleEF	MCY	1.26	1.16
tblVehicleEF	MCY	2.11	2.08
tblVehicleEF	MCY	2.2740e-003	2.2490e-003
tblVehicleEF	MCY	6.5600e-004	6.4100e-004
tblVehicleEF	MCY	0.71	0.70
tblVehicleEF	MCY	0.39	0.37

tblVehicleEF	MCY	0.52	0.52
tblVehicleEF	MCY	3.22	3.09
tblVehicleEF	MCY	1.26	1.16
tblVehicleEF	MCY	2.27	2.23
tblVehicleEF	MCY	26.61	24.34
tblVehicleEF	MCY	8.79	8.84
tblVehicleEF	MCY	156.52	158.11
tblVehicleEF	MCY	38.51	37.09
tblVehicleEF	MCY	6.5640e-003	6.5110e-003
tblVehicleEF	MCY	1.11	1.10
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	3.9100e-004	2.9400e-004
tblVehicleEF	MCY	9.6800e-004	7.2800e-004
tblVehicleEF	MCY	3.2800e-004	2.5300e-004
tblVehicleEF	MCY	8.0400e-004	6.2700e-004
tblVehicleEF	MCY	1.17	1.16
tblVehicleEF	MCY	0.46	0.44
tblVehicleEF	MCY	1.11	1.10
tblVehicleEF	MCY	2.86	2.76
tblVehicleEF	MCY	1.13	1.04
tblVehicleEF	MCY	1.81	1.79
tblVehicleEF	MCY	2.2460e-003	2.2250e-003
tblVehicleEF	MCY	6.2300e-004	6.0700e-004
tblVehicleEF	MCY	1.17	1.16
tblVehicleEF	MCY	0.46	0.44
tblVehicleEF	MCY	1.11	1.10
tblVehicleEF	MCY	3.12	3.01
tblVehicleEF	MCY	1.13	1.04
tblVehicleEF	MCY	1.94	1.92
tblVehicleEF	MCY	29.25	26.66

tblVehicleEF	MCY	10.95	11.11
tblVehicleEF	MCY	156.52	158.11
tblVehicleEF	MCY	38.51	37.09
tblVehicleEF	MCY	6.5640e-003	6.5110e-003
tblVehicleEF	MCY	1.25	1.23
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	3.9100e-004	2.9400e-004
tblVehicleEF	MCY	9.6800e-004	7.2800e-004
tblVehicleEF	MCY	3.2800e-004	2.5300e-004
tblVehicleEF	MCY	8.0400e-004	6.2700e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.53	0.50
tblVehicleEF	MCY	0.40	0.39
tblVehicleEF	MCY	3.00	2.88
tblVehicleEF	MCY	1.56	1.46
tblVehicleEF	MCY	2.25	2.21
tblVehicleEF	MCY	2.2920e-003	2.2650e-003
tblVehicleEF	MCY	6.7100e-004	6.5600e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.53	0.50
tblVehicleEF	MCY	0.40	0.39
tblVehicleEF	MCY	3.27	3.14
tblVehicleEF	MCY	1.56	1.46
tblVehicleEF	MCY	2.41	2.37
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	1.68	1.20
tblVehicleEF	MDV	4.19	2.97
tblVehicleEF	MDV	489.56	617.11
tblVehicleEF	MDV	103.31	114.79

tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.23	0.16
tblVehicleEF	MDV	0.38	0.26
tblVehicleEF	MDV	3.4670e-003	3.9950e-003
tblVehicleEF	MDV	1.8870e-003	1.8930e-003
tblVehicleEF	MDV	3.2110e-003	3.7070e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.20	0.19
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.60	0.56
tblVehicleEF	MDV	0.34	0.23
tblVehicleEF	MDV	6.1880e-003	6.2010e-003
tblVehicleEF	MDV	1.3480e-003	1.3330e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.20	0.19
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.60	0.56
tblVehicleEF	MDV	0.36	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	1.86	1.34
tblVehicleEF	MDV	3.15	2.22
tblVehicleEF	MDV	516.30	487.06
tblVehicleEF	MDV	103.31	97.53
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.21	0.14
tblVehicleEF	MDV	0.35	0.24
tblVehicleEF	MDV	3.4670e-003	3.9950e-003

tblVehicleEF	MDV	1.8870e-003	1.8930e-003
tblVehicleEF	MDV	3.2110e-003	3.7070e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.21	0.20
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.56	0.52
tblVehicleEF	MDV	0.28	0.19
tblVehicleEF	MDV	6.5290e-003	6.5450e-003
tblVehicleEF	MDV	1.3290e-003	1.3200e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.21	0.20
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.07	0.05
tblVehicleEF	MDV	0.56	0.52
tblVehicleEF	MDV	0.30	0.20
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	1.66	1.18
tblVehicleEF	MDV	4.58	3.25
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tblVehicleEF	MDV	103.31	97.53
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.23	0.16
tblVehicleEF	MDV	0.40	0.27
tblVehicleEF	MDV	3.4670e-003	3.9950e-003
tblVehicleEF	MDV	1.8870e-003	1.8930e-003
tblVehicleEF	MDV	3.2110e-003	3.7070e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.22	0.20

tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.04	0.03
tblVehicleEF	MDV	0.72	0.67
tblVehicleEF	MDV	0.36	0.24
tblVehicleEF	MDV	6.1260e-003	6.1390e-003
tblVehicleEF	MDV	1.3540e-003	1.3380e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.22	0.20
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.72	0.67
tblVehicleEF	MDV	0.39	0.26
tblVehicleEF	MH	2.03	0.75
tblVehicleEF	MH	6.63	4.89
tblVehicleEF	MH	681.06	681.53
tblVehicleEF	MH	28.25	31.39
tblVehicleEF	MH	3.4460e-003	3.4310e-003
tblVehicleEF	MH	1.38	1.02
tblVehicleEF	MH	0.74	0.60
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5470e-003	8.5460e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	7.2200e-004	3.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.6300e-004	3.4100e-004
tblVehicleEF	MH	0.81	0.53
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.44	0.33
tblVehicleEF	MH	0.10	0.05

tblVehicleEF	MH	1.79	1.08
tblVehicleEF	MH	0.37	0.27
tblVehicleEF	MH	7.5150e-003	7.4980e-003
tblVehicleEF	MH	4.2900e-004	3.9700e-004
tblVehicleEF	MH	0.81	0.53
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.44	0.33
tblVehicleEF	MH	0.12	0.07
tblVehicleEF	MH	1.79	1.08
tblVehicleEF	MH	0.39	0.28
tblVehicleEF	MH	2.09	0.76
tblVehicleEF	MH	5.08	3.80
tblVehicleEF	MH	681.06	681.53
tblVehicleEF	MH	28.25	28.13
tblVehicleEF	MH	3.4460e-003	3.4310e-003
tblVehicleEF	MH	1.30	0.97
tblVehicleEF	MH	0.71	0.57
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5470e-003	8.5460e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	7.2200e-004	3.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.6300e-004	3.4100e-004
tblVehicleEF	MH	1.11	0.74
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.76	0.57
tblVehicleEF	MH	0.10	0.05
tblVehicleEF	MH	1.74	1.04
tblVehicleEF	MH	0.31	0.23

tblVehicleEF	MH	7.5160e-003	7.4980e-003
tblVehicleEF	MH	4.0300e-004	3.7900e-004
tblVehicleEF	MH	1.11	0.74
tblVehicleEF	MH	0.07	0.05
tblVehicleEF	MH	0.76	0.57
tblVehicleEF	MH	0.12	0.07
tblVehicleEF	MH	1.74	1.04
tblVehicleEF	MH	0.33	0.25
tblVehicleEF	MH	2.01	0.74
tblVehicleEF	MH	7.33	5.39
tblVehicleEF	MH	681.06	681.53
tblVehicleEF	MH	28.25	28.13
tblVehicleEF	MH	3.4460e-003	3.4310e-003
tblVehicleEF	MH	1.38	1.02
tblVehicleEF	MH	0.76	0.61
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5470e-003	8.5460e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	7.2200e-004	3.6700e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	6.6300e-004	3.4100e-004
tblVehicleEF	MH	0.84	0.53
tblVehicleEF	MH	0.09	0.05
tblVehicleEF	MH	0.41	0.30
tblVehicleEF	MH	0.10	0.05
tblVehicleEF	MH	1.92	1.16
tblVehicleEF	MH	0.39	0.28
tblVehicleEF	MH	7.5140e-003	7.4980e-003
tblVehicleEF	MH	4.4100e-004	4.0500e-004

tblVehicleEF	MH	0.84	0.53
tblVehicleEF	MH	0.09	0.05
tblVehicleEF	MH	0.41	0.30
tblVehicleEF	MH	0.12	0.07
tblVehicleEF	MH	1.92	1.16
tblVehicleEF	MH	0.42	0.30
tblVehicleEF	MHD	7.6150e-003	9.4011e-003
tblVehicleEF	MHD	5.1900e-003	5.7667e-003
tblVehicleEF	MHD	1.91	2.10
tblVehicleEF	MHD	0.77	0.50
tblVehicleEF	MHD	16.82	11.39
tblVehicleEF	MHD	572.06	572.68
tblVehicleEF	MHD	995.11	991.19
tblVehicleEF	MHD	49.80	55.33
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	4.60	3.30
tblVehicleEF	MHD	1.79	0.94
tblVehicleEF	MHD	1.78	1.30
tblVehicleEF	MHD	0.01	7.6210e-003
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.6820e-003	8.9300e-004
tblVehicleEF	MHD	0.01	7.0120e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8430e-003	2.8440e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.5330e-003	8.2900e-004
tblVehicleEF	MHD	2.1230e-003	1.5330e-003
tblVehicleEF	MHD	0.09	0.07

tblVehicleEF	MHD	0.16	0.18
tblVehicleEF	MHD	1.6670e-003	1.3280e-003
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tblVehicleEF	MHD	0.48	0.40
tblVehicleEF	MHD	0.98	0.66
tblVehicleEF	MHD	6.0640e-003	6.0710e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.4700e-004	7.4700e-004
tblVehicleEF	MHD	2.1230e-003	1.5330e-003
tblVehicleEF	MHD	0.09	0.07
tblVehicleEF	MHD	0.19	0.20
tblVehicleEF	MHD	1.6670e-003	1.3280e-003
tblVehicleEF	MHD	0.15	0.12
tblVehicleEF	MHD	0.48	0.40
tblVehicleEF	MHD	1.04	0.71
tblVehicleEF	MHD	7.1760e-003	7.7630e-003
tblVehicleEF	MHD	5.1900e-003	4.5560e-003
tblVehicleEF	MHD	1.39	1.52
tblVehicleEF	MHD	0.78	0.50
tblVehicleEF	MHD	12.98	8.88
tblVehicleEF	MHD	606.05	606.71
tblVehicleEF	MHD	995.11	991.19
tblVehicleEF	MHD	49.80	49.32
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	4.74	3.41
tblVehicleEF	MHD	1.72	0.91
tblVehicleEF	MHD	1.70	1.24
tblVehicleEF	MHD	9.7830e-003	6.4250e-003
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01

tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.6820e-003	8.9300e-004
tblVehicleEF	MHD	9.0000e-003	5.9110e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8430e-003	2.8440e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.5330e-003	8.2900e-004
tblVehicleEF	MHD	3.1680e-003	2.2580e-003
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tblVehicleEF	MHD	0.15	0.17
tblVehicleEF	MHD	3.0070e-003	2.2890e-003
tblVehicleEF	MHD	0.13	0.11
tblVehicleEF	MHD	0.47	0.38
tblVehicleEF	MHD	0.83	0.57
tblVehicleEF	MHD	6.4240e-003	6.4310e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.8200e-004	7.0400e-004
tblVehicleEF	MHD	3.1680e-003	2.2580e-003
tblVehicleEF	MHD	0.10	0.08
tblVehicleEF	MHD	0.18	0.19
tblVehicleEF	MHD	3.0070e-003	2.2890e-003
tblVehicleEF	MHD	0.15	0.12
tblVehicleEF	MHD	0.47	0.38
tblVehicleEF	MHD	0.89	0.61
tblVehicleEF	MHD	8.2210e-003	8.8930e-003
tblVehicleEF	MHD	5.1900e-003	4.5560e-003
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tblVehicleEF	MHD	0.77	0.50
tblVehicleEF	MHD	18.52	12.51
tblVehicleEF	MHD	525.12	525.70

tblVehicleEF	MHD	995.11	991.19
tblVehicleEF	MHD	49.80	49.32
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	4.39	3.16
tblVehicleEF	MHD	1.78	0.94
tblVehicleEF	MHD	1.82	1.33
tblVehicleEF	MHD	0.01	9.2740e-003
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.6820e-003	8.9300e-004
tblVehicleEF	MHD	0.01	8.5320e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8430e-003	2.8440e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.5330e-003	8.2900e-004
tblVehicleEF	MHD	2.0010e-003	1.3870e-003
tblVehicleEF	MHD	0.11	0.08
tblVehicleEF	MHD	0.18	0.19
tblVehicleEF	MHD	1.4670e-003	1.1680e-003
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tblVehicleEF	MHD	5.5670e-003	5.5730e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.7600e-004	7.6600e-004
tblVehicleEF	MHD	2.0010e-003	1.3870e-003
tblVehicleEF	MHD	0.11	0.08
tblVehicleEF	MHD	0.20	0.22
tblVehicleEF	MHD	1.4670e-003	1.1680e-003

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tblVehicleEF	OBUS	10.77	8.05
tblVehicleEF	OBUS	534.88	533.44
tblVehicleEF	OBUS	1,037.87	1,036.55
tblVehicleEF	OBUS	32.81	36.45
tblVehicleEF	OBUS	1.8710e-003	1.8890e-003
tblVehicleEF	OBUS	4.65	3.20
tblVehicleEF	OBUS	2.33	1.10
tblVehicleEF	OBUS	1.52	1.15
tblVehicleEF	OBUS	9.5470e-003	8.7930e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
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tblVehicleEF	OBUS	8.7830e-003	8.0890e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6050e-003	2.6110e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	6.4300e-004	4.4100e-004
tblVehicleEF	OBUS	7.6500e-004	7.0700e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.47	0.56
tblVehicleEF	OBUS	5.2600e-004	5.1500e-004
tblVehicleEF	OBUS	0.15	0.12

tblVehicleEF	OBUS	0.30	0.29
tblVehicleEF	OBUS	0.65	0.49
tblVehicleEF	OBUS	5.6700e-003	5.6550e-003
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tblVehicleEF	OBUS	5.5400e-004	5.0500e-004
tblVehicleEF	OBUS	7.6500e-004	7.0700e-004
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.53	0.64
tblVehicleEF	OBUS	5.2600e-004	5.1500e-004
tblVehicleEF	OBUS	0.18	0.14
tblVehicleEF	OBUS	0.30	0.29
tblVehicleEF	OBUS	0.70	0.52
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.8860e-003	2.8580e-003
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tblVehicleEF	OBUS	1.37	0.85
tblVehicleEF	OBUS	8.39	6.28
tblVehicleEF	OBUS	566.66	565.14
tblVehicleEF	OBUS	1,037.87	1,036.55
tblVehicleEF	OBUS	32.81	32.73
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
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tblVehicleEF	OBUS	7.4040e-003	6.8190e-003

tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6050e-003	2.6110e-003
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tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.44	0.53
tblVehicleEF	OBUS	9.5200e-004	9.1000e-004
tblVehicleEF	OBUS	0.15	0.12
tblVehicleEF	OBUS	0.29	0.28
tblVehicleEF	OBUS	0.57	0.42
tblVehicleEF	OBUS	6.0070e-003	5.9910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1300e-004	4.7500e-004
tblVehicleEF	OBUS	1.0830e-003	9.9900e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	9.5200e-004	9.1000e-004
tblVehicleEF	OBUS	0.18	0.14
tblVehicleEF	OBUS	0.29	0.28
tblVehicleEF	OBUS	0.60	0.45
tblVehicleEF	OBUS	0.02	0.03
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tblVehicleEF	OBUS	491.00	489.68
tblVehicleEF	OBUS	1,037.87	1,036.55
tblVehicleEF	OBUS	32.81	32.73
tblVehicleEF	OBUS	1.8710e-003	1.8890e-003

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tblVehicleEF	OBUS	2.33	1.10
tblVehicleEF	OBUS	1.56	1.17
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	6.9800e-004	4.7500e-004
tblVehicleEF	OBUS	0.01	9.8430e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6050e-003	2.6110e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	6.4300e-004	4.4100e-004
tblVehicleEF	OBUS	7.3600e-004	6.5800e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.50	0.60
tblVehicleEF	OBUS	4.7600e-004	4.6200e-004
tblVehicleEF	OBUS	0.15	0.12
tblVehicleEF	OBUS	0.32	0.31
tblVehicleEF	OBUS	0.69	0.52
tblVehicleEF	OBUS	5.2050e-003	5.1910e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.7200e-004	5.1800e-004
tblVehicleEF	OBUS	7.3600e-004	6.5800e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.57	0.69
tblVehicleEF	OBUS	4.7600e-004	4.6200e-004
tblVehicleEF	OBUS	0.18	0.14
tblVehicleEF	OBUS	0.32	0.31
tblVehicleEF	OBUS	0.74	0.55

tblVehicleEF	SBUS	4.4530e-003	5.4978e-003
tblVehicleEF	SBUS	5.3930e-003	5.9922e-003
tblVehicleEF	SBUS	1.05	1.25
tblVehicleEF	SBUS	4.24	3.15
tblVehicleEF	SBUS	34.11	27.10
tblVehicleEF	SBUS	547.00	558.63
tblVehicleEF	SBUS	1,024.49	1,011.31
tblVehicleEF	SBUS	116.73	129.70
tblVehicleEF	SBUS	5.8600e-004	5.3400e-004
tblVehicleEF	SBUS	7.58	6.92
tblVehicleEF	SBUS	7.00	5.99
tblVehicleEF	SBUS	2.59	2.22
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.55	0.53
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	5.1810e-003	3.4270e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7220e-003	2.7000e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	4.6650e-003	3.1800e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.21	0.18
tblVehicleEF	SBUS	0.10	0.11
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.39	0.33
tblVehicleEF	SBUS	1.58	1.47
tblVehicleEF	SBUS	2.21	1.70
tblVehicleEF	SBUS	5.7980e-003	5.9220e-003

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.9000e-003	1.7580e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.21	0.18
tblVehicleEF	SBUS	0.11	0.12
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.43	0.37
tblVehicleEF	SBUS	1.58	1.47
tblVehicleEF	SBUS	2.36	1.81
tblVehicleEF	SBUS	4.1970e-003	4.7680e-003
tblVehicleEF	SBUS	5.3930e-003	6.1960e-003
tblVehicleEF	SBUS	0.76	0.91
tblVehicleEF	SBUS	4.29	3.24
tblVehicleEF	SBUS	28.32	22.48
tblVehicleEF	SBUS	579.49	591.82
tblVehicleEF	SBUS	1,024.49	1,011.31
tblVehicleEF	SBUS	116.73	115.30
tblVehicleEF	SBUS	5.8600e-004	5.3400e-004
tblVehicleEF	SBUS	7.82	7.14
tblVehicleEF	SBUS	6.72	5.75
tblVehicleEF	SBUS	2.42	2.08
tblVehicleEF	SBUS	0.01	9.2660e-003
tblVehicleEF	SBUS	0.55	0.53
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	5.1810e-003	3.4270e-003
tblVehicleEF	SBUS	0.01	8.5250e-003
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7220e-003	2.7000e-003
tblVehicleEF	SBUS	0.04	0.04

tblVehicleEF	SBUS	4.6650e-003	3.1800e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.21	0.19
tblVehicleEF	SBUS	0.09	0.10
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.39	0.34
tblVehicleEF	SBUS	1.43	1.32
tblVehicleEF	SBUS	1.95	1.51
tblVehicleEF	SBUS	6.1430e-003	6.2740e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.8010e-003	1.6790e-003
tblVehicleEF	SBUS	0.04	0.03
tblVehicleEF	SBUS	0.21	0.19
tblVehicleEF	SBUS	0.10	0.12
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.44	0.38
tblVehicleEF	SBUS	1.43	1.32
tblVehicleEF	SBUS	2.08	1.61
tblVehicleEF	SBUS	4.8080e-003	5.4620e-003
tblVehicleEF	SBUS	5.3930e-003	6.1960e-003
tblVehicleEF	SBUS	1.45	1.72
tblVehicleEF	SBUS	4.22	3.11
tblVehicleEF	SBUS	36.98	29.38
tblVehicleEF	SBUS	502.12	512.80
tblVehicleEF	SBUS	1,024.49	1,011.31
tblVehicleEF	SBUS	116.73	115.30
tblVehicleEF	SBUS	5.8600e-004	5.3400e-004
tblVehicleEF	SBUS	7.24	6.61
tblVehicleEF	SBUS	6.98	5.97
tblVehicleEF	SBUS	2.67	2.28

tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.55	0.53
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	5.1810e-003	3.4270e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7220e-003	2.7000e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	4.6650e-003	3.1800e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.26	0.21
tblVehicleEF	SBUS	0.10	0.12
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.38	0.33
tblVehicleEF	SBUS	1.93	1.79
tblVehicleEF	SBUS	2.34	1.79
tblVehicleEF	SBUS	5.3230e-003	5.4360e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.9490e-003	1.7960e-003
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.26	0.21
tblVehicleEF	SBUS	0.12	0.13
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.43	0.36
tblVehicleEF	SBUS	1.93	1.79
tblVehicleEF	SBUS	2.50	1.91
tblVehicleEF	UBUS	3.03	2.81
tblVehicleEF	UBUS	5.66	5.20
tblVehicleEF	UBUS	1,981.57	1,960.19

tblVehicleEF	UBUS	22.78	25.31
tblVehicleEF	UBUS	2.0620e-003	2.0270e-003
tblVehicleEF	UBUS	11.05	10.15
tblVehicleEF	UBUS	0.89	0.86
tblVehicleEF	UBUS	0.19	0.18
tblVehicleEF	UBUS	2.0500e-004	2.0000e-004
tblVehicleEF	UBUS	0.18	0.16
tblVehicleEF	UBUS	1.9000e-004	1.8500e-004
tblVehicleEF	UBUS	1.9740e-003	1.9540e-003
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.8420e-003	1.8470e-003
tblVehicleEF	UBUS	0.58	0.54
tblVehicleEF	UBUS	0.32	0.38
tblVehicleEF	UBUS	0.52	0.51
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5800e-004	3.5000e-004
tblVehicleEF	UBUS	1.9740e-003	1.9540e-003
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.8420e-003	1.8470e-003
tblVehicleEF	UBUS	0.66	0.61
tblVehicleEF	UBUS	0.32	0.38
tblVehicleEF	UBUS	0.56	0.54
tblVehicleEF	UBUS	3.06	2.84
tblVehicleEF	UBUS	4.66	4.28
tblVehicleEF	UBUS	1,981.57	1,960.19
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0620e-003	2.0270e-003
tblVehicleEF	UBUS	10.66	9.79
tblVehicleEF	UBUS	0.85	0.81
tblVehicleEF	UBUS	0.19	0.18

tblVehicleEF	UBUS	2.0500e-004	2.0000e-004
tblVehicleEF	UBUS	0.18	0.16
tblVehicleEF	UBUS	1.9000e-004	1.8500e-004
tblVehicleEF	UBUS	2.4040e-003	2.3750e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	3.2720e-003	3.2490e-003
tblVehicleEF	UBUS	0.59	0.54
tblVehicleEF	UBUS	0.29	0.34
tblVehicleEF	UBUS	0.47	0.45
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.4100e-004	3.3400e-004
tblVehicleEF	UBUS	2.4040e-003	2.3750e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	3.2720e-003	3.2490e-003
tblVehicleEF	UBUS	0.66	0.61
tblVehicleEF	UBUS	0.29	0.34
tblVehicleEF	UBUS	0.50	0.48
tblVehicleEF	UBUS	3.02	2.80
tblVehicleEF	UBUS	6.10	5.60
tblVehicleEF	UBUS	1,981.57	1,960.19
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0620e-003	2.0270e-003
tblVehicleEF	UBUS	11.00	10.10
tblVehicleEF	UBUS	0.91	0.88
tblVehicleEF	UBUS	0.19	0.18
tblVehicleEF	UBUS	2.0500e-004	2.0000e-004
tblVehicleEF	UBUS	0.18	0.16
tblVehicleEF	UBUS	1.9000e-004	1.8500e-004
tblVehicleEF	UBUS	1.8930e-003	1.8620e-003
tblVehicleEF	UBUS	0.05	0.05

tblVehicleEF	UBUS	1.6820e-003	1.6830e-003
tblVehicleEF	UBUS	0.58	0.54
tblVehicleEF	UBUS	0.40	0.48
tblVehicleEF	UBUS	0.55	0.53
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.6600e-004	3.5700e-004
tblVehicleEF	UBUS	1.8930e-003	1.8620e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6820e-003	1.6830e-003
tblVehicleEF	UBUS	0.66	0.60
tblVehicleEF	UBUS	0.40	0.48
tblVehicleEF	UBUS	0.59	0.57
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00
tblVehicleTrips	ST_TR	10.08	10.00
tblVehicleTrips	ST_TR	42.04	120.00
tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00
tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00

tblVehicleTrips	WD_TR	44.32	120.00
tblWoodstoves	NumberCatalytic	96.90	0.00
tblWoodstoves	NumberNoncatalytic	96.90	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Area	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648
Energy	0.4142	3.5937	1.9054	0.0226		0.2862	0.2862		0.2862	0.2862	0.0000	9,547.6739	9,547.6739	0.3061	0.1364	9,596.3831
Mobile	10.7588	19.8347	104.8768	0.3547	24.3028	0.3943	24.6971	6.4995	0.3641	6.8636	0.0000	31,089.6242	31,089.6242	1.0722	0.0000	31,112.1402
Waste						0.0000	0.0000		0.0000	0.0000	512.4466	0.0000	512.4466	30.2847	0.0000	1,148.4259
Water						0.0000	0.0000		0.0000	0.0000	43.2304	882.2339	925.4643	4.4770	0.1148	1,055.0569
Total	43.6291	23.5955	121.2309	0.3780	24.3028	0.7988	25.1016	6.4995	0.7682	7.2677	555.6771	42,101.5158	42,657.1928	36.1737	0.2614	43,497.8708

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	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648
Energy	0.4142	3.5937	1.9054	0.0226		0.2862	0.2862		0.2862	0.2862	0.0000	9,547.6739	9,547.6739	0.3061	0.1364	9,596.3831
Mobile	10.7588	19.8347	104.8768	0.3547	24.3028	0.3943	24.6971	6.4995	0.3641	6.8636	0.0000	31,089.6242	31,089.6242	1.0722	0.0000	31,112.1402
Waste						0.0000	0.0000		0.0000	0.0000	512.4466	0.0000	512.4466	30.2847	0.0000	1,148.4259
Water						0.0000	0.0000		0.0000	0.0000	43.2304	882.2339	925.4643	4.4763	0.1146	1,054.9810
Total	43.6291	23.5955	121.2309	0.3780	24.3028	0.7988	25.1016	6.4995	0.7682	7.2677	555.6771	42,101.5158	42,657.1928	36.1729	0.2612	43,497.7949

	ROG	NOx	CO	SO2	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	0.08	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,950,685; Residential Outdoor: 4,316,895; Non-Residential Indoor: 2,496,441; Non-Residential Outdoor: 832,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	10.7588	19.8347	104.8768	0.3547	24.3028	0.3943	24.6971	6.4995	0.3641	6.8636	0.0000	31,089.6242	31,089.6242	1.0722	0.0000	31,112.1402
Unmitigated	10.7588	19.8347	104.8768	0.3547	24.3028	0.3943	24.6971	6.4995	0.3641	6.8636	0.0000	31,089.6242	31,089.6242	1.0722	0.0000	31,112.1402

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026
Condo/Townhouse	0.00	0.00	0.00		

Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	19,380.00	19,380.00	19380.00	55,335,779	55,335,779
Strip Mall	2,400.00	2,400.00	2400.00	3,696,079	3,696,079
Total	24,909.50	24,009.50	24,009.50	64,631,092	64,631,092

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.511923	0.073395	0.191568	0.130918	0.036235	0.005199	0.012665	0.023708	0.001889	0.002027	0.006511	0.000534	0.003431

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: Y

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					
NaturalGas Mitigated	0.4142	3.5937	1.9054	0.0226		0.2862	0.2862		0.2862	0.2862	0.0000	4,098.8111	4,098.8111	0.0786	0.0751	4,123.7558

NaturalGas Unmitigated	0.4142	3.5937	1.9054	0.0226		0.2862	0.2862		0.2862	0.2862	0.0000	4,098.8111	4,098.8111	0.0786	0.0751	4,123.7558
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,448.8628	5,448.8628	0.2275	0.0613	5,472.6273
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	5,448.8628	5,448.8628	0.2275	0.0613	5,472.6273

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	345115	1.8600e-003	0.0169	0.0142	1.0000e-004		1.2900e-003	1.2900e-003		1.2900e-003	1.2900e-003	0.0000	18.4166	18.4166	3.5000e-004	3.4000e-004	18.5287
Government Office Building	235600	1.2700e-003	0.0116	9.7000e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004	0.0000	12.5725	12.5725	2.4000e-004	2.3000e-004	12.6490
Hotel	1.78857e+007	0.0964	0.8768	0.7365	5.2600e-003		0.0666	0.0666		0.0666	0.0666	0.0000	954.4510	954.4510	0.0183	0.0175	960.2596
Single Family Housing	5.82942e+007	0.3143	2.6861	1.1430	0.0172		0.2172	0.2172		0.2172	0.2172	0.0000	3,110.7988	3,110.7988	0.0596	0.0570	3,129.7306
Strip Mall	48200	2.6000e-004	2.3600e-003	1.9800e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	2.5721	2.5721	5.0000e-005	5.0000e-005	2.5878
Total		0.4142	3.5937	1.9054	0.0226		0.2862	0.2862		0.2862	0.2862	0.0000	4,098.8111	4,098.8111	0.0786	0.0752	4,123.7558

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	345115	1.8600e-003	0.0169	0.0142	1.0000e-004	1.2900e-003	1.2900e-003	1.2900e-003	1.2900e-003	1.2900e-003	1.2900e-003	0.0000	18.4166	18.4166	3.5000e-004	3.4000e-004	18.5287
Government Office Building	235600	1.2700e-003	0.0116	9.7000e-003	7.0000e-005	8.8000e-004	8.8000e-004	8.8000e-004	8.8000e-004	8.8000e-004	8.8000e-004	0.0000	12.5725	12.5725	2.4000e-004	2.3000e-004	12.6490
Hotel	1.78857e+007	0.0964	0.8768	0.7365	5.2600e-003	0.0666	0.0666	0.0666	0.0666	0.0666	0.0666	0.0000	954.4510	954.4510	0.0183	0.0175	960.2596
Single Family Housing	5.82942e+007	0.3143	2.6861	1.1430	0.0172	0.2172	0.2172	0.2172	0.2172	0.2172	0.2172	0.0000	3,110.7988	3,110.7988	0.0596	0.0570	3,129.7306
Strip Mall	48200	2.6000e-004	2.3600e-003	1.9800e-003	1.0000e-005	1.8000e-004	1.8000e-004	1.8000e-004	1.8000e-004	1.8000e-004	1.8000e-004	0.0000	2.5721	2.5721	5.0000e-005	5.0000e-005	2.5878
Total		0.4142	3.5937	1.9054	0.0226	0.2862	0.2862	0.2862	0.2862	0.2862	0.2862	0.0000	4,098.8111	4,098.8111	0.0786	0.0752	4,123.7558

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	318529	89.9749	3.7600e-003	1.0100e-003	90.3673
Government Office Building	157400	44.4608	1.8600e-003	5.0000e-004	44.6547
Hotel	4.46926e+006	1,262.4313	0.0527	0.0142	1,267.9372
Single Family Housing	1.40491e+007	3,968.4412	0.1657	0.0446	3,985.7491
Strip Mall	295800	83.5547	3.4900e-003	9.4000e-004	83.9191

Total		5,448.8628	0.2275	0.0613	5,472.6273
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Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	318529	89.9749	3.7600e-003	1.0100e-003	90.3673
Government Office Building	157400	44.4608	1.8600e-003	5.0000e-004	44.6547
Hotel	4.46926e+006	1,262.4313	0.0527	0.0142	1,267.9372
Single Family Housing	1.40491e+007	3,968.4412	0.1657	0.0446	3,985.7491
Strip Mall	295800	83.5547	3.4900e-003	9.4000e-004	83.9191
Total		5,448.8628	0.2275	0.0613	5,472.6273

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	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648

Unmitigated	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648
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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	0.4821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4404	0.1671	14.4457	7.6000e-004		0.0794	0.0794		0.0794	0.0794	0.0000	23.5210	23.5210	0.0230	0.0000	24.0032
Total	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648

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	0.4821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4404	0.1671	14.4457	7.6000e-004		0.0794	0.0794		0.0794	0.0794	0.0000	23.5210	23.5210	0.0230	0.0000	24.0032

Total	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648
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7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Unmitigated	925.4643	4.4770	0.1148	1,055.0569
Mitigated	925.4643	4.4763	0.1146	1,054.9810

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	111.0530	4.6400e-003	1.2500e-003	111.5373
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.45454 / 3.74026	17.5492	0.0481	1.3100e-003	18.9660
Government Office Building	1.9866 / 1.21759	11.7581	0.0652	1.6500e-003	13.6399
Hotel	5.07335 / 0.563706	22.0386	0.1662	4.1300e-003	26.8094
Single Family Housing	126.269 / 79.6041	754.2971	4.1443	0.1052	873.9327

Strip Mall	1.48145 / 0.907986	8.7683	0.0486	1.2300e- 003	10.1716
Total		925.4643	4.4770	0.1148	1,055.0569

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	111.0530	4.6400e-003	1.2500e-003	111.5373
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.45454 / 3.74026	17.5492	0.0481	1.3100e-003	18.9651
Government Office Building	1.9866 / 1.21759	11.7581	0.0652	1.6500e-003	13.6388
Hotel	5.07335 / 0.563706	22.0386	0.1661	4.1300e-003	26.8066
Single Family Housing	126.269 / 79.6041	754.2971	4.1436	0.1050	873.8624
Strip Mall	1.48145 / 0.907986	8.7683	0.0486	1.2300e-003	10.1708
Total		925.4643	4.4763	0.1146	1,054.9810

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
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	MT/yr			
Mitigated	512.4466	30.2847	0.0000	1,148.4259
Unmitigated	512.4466	30.2847	0.0000	1,148.4259

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2272.63	461.3234	27.2634	0.0000	1,033.8554
Strip Mall	21	4.2628	0.2519	0.0000	9.5532
Total		512.4466	30.2847	0.0000	1,148.4259

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
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Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2272.63	461.3234	27.2634	0.0000	1,033.8554
Strip Mall	21	4.2628	0.2519	0.0000	9.5532
Total		512.4466	30.2847	0.0000	1,148.4259

9.0 Operational Offroad

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

Otay Ranch Village 13, Mitigated, 2020
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	57.00	Dwelling Unit	13.10	57,000.00	163
Single Family Housing	1,881.00	Dwelling Unit	525.00	6,207,300.00	5380
Strip Mall	40.00	1000sqft	1.00	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	528.61	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2526438	0
tblAreaCoating	Area_Residential_Exterior	4228403	0
tblAreaCoating	Area_Residential_Interior	12685208	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	0

tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	9,300.00	0.00
tblConstructionPhase	NumDays	600.00	0.00
tblConstructionPhase	NumDays	930.00	0.00
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	360.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblEnergyUse	T24E	206.69	158.53
tblEnergyUse	T24E	1.86	1.45
tblEnergyUse	T24E	5.69	4.45
tblEnergyUse	T24E	5.84	4.57
tblEnergyUse	T24E	425.62	270.69
tblEnergyUse	T24E	3.89	3.04
tblEnergyUse	T24NG	10,789.48	10,379.48
tblEnergyUse	T24NG	5.72	4.76
tblEnergyUse	T24NG	16.83	14.00
tblEnergyUse	T24NG	49.75	41.39
tblEnergyUse	T24NG	21,834.49	20,415.25
tblEnergyUse	T24NG	1.20	1.00
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	FireplaceDayYear	82.00	30.00

tblFireplaces	NumberGas	31.35	57.00
tblFireplaces	NumberGas	1,034.55	1,881.00
tblFireplaces	NumberWood	19.95	0.00
tblFireplaces	NumberWood	658.35	0.00
tblLandUse	LandUseSquareFeet	3,385,800.00	6,207,300.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	3.56	13.10
tblLandUse	LotAcreage	610.71	525.00
tblLandUse	LotAcreage	0.92	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	528.61
tblProjectCharacteristics	OperationalYear	2014	2020
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	5.00

tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,421.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	284.00	0.00
tblVehicleEF	HHD	1,547.78	1,662.75
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	244.25	236.73
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	297.79	288.86
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	364.72	353.83
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LHD1	734.00	528.27
tblVehicleEF	LHD2	623.36	504.09
tblVehicleEF	MCY	156.52	132.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	489.56	474.90
tblVehicleEF	MDV	0.23	0.22
tblVehicleEF	MH	681.06	632.56
tblVehicleEF	MHD	995.11	1,002.19
tblVehicleEF	SBUS	1,024.49	956.29
tblVehicleEF	UBUS	1,981.57	1,962.49
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00
tblVehicleTrips	ST_TR	10.08	10.00
tblVehicleTrips	ST_TR	42.04	120.00

tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00
tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	30
tblWoodstoves	NumberCatalytic	2.85	0.00
tblWoodstoves	NumberCatalytic	94.05	0.00
tblWoodstoves	NumberNoncatalytic	2.85	0.00
tblWoodstoves	NumberNoncatalytic	94.05	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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
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Category	tons/yr										MT/yr					
Area	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652
Energy	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	7,871.2024	7,871.2024	0.2487	0.1139	7,911.7305
Mobile	14.1052	29.1514	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	24,901.6973	24,901.6973	0.9875	0.0000	24,922.4344
Waste						0.0000	0.0000		0.0000	0.0000	508.4660	0.0000	508.4660	30.0495	0.0000	1,139.5050
Water						0.0000	0.0000		0.0000	0.0000	43.7004	755.9242	799.6246	4.5199	0.1146	930.0570
Total	46.4885	32.4005	156.0053	0.3929	25.5702	0.7940	26.3642	6.8388	0.7604	7.5991	552.1664	34,110.8081	34,662.9745	35.8392	0.2387	35,489.5922

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	32.0218	0.1660	14.3447	7.5000e-004		0.1178	0.1178		0.1174	0.1174	0.0000	581.7723	581.7723	0.0333	0.0102	585.6463
Energy	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	7,573.0909	7,573.0909	0.2363	0.1105	7,612.3095
Mobile	14.1052	29.1514	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	24,901.6973	24,901.6973	0.9875	0.0000	24,922.4344
Waste						0.0000	0.0000		0.0000	0.0000	406.7728	0.0000	406.7728	24.0396	0.0000	911.6040
Water						0.0000	0.0000		0.0000	0.0000	34.9603	572.1524	607.1128	3.6141	0.0911	711.2631
Total	46.4822	32.3994	155.9010	0.3928	25.5702	0.7934	26.3636	6.8388	0.7598	7.5985	441.7331	33,628.7129	34,070.4461	28.9107	0.2119	34,743.2574

	ROG	NOx	CO	SO2	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	0.01	0.00	0.07	0.00	0.00	0.08	0.00	0.00	0.08	0.01	20.00	1.41	1.71	19.33	11.23	2.10

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,685,208; Residential Outdoor: 4,228,403; Non-Residential Indoor: 2,526,441; Non-Residential Outdoor: 842,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	483.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	14.1052	29.1514	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	24,901.6973	24,901.6973	0.9875	0.0000	24,922.4344
Unmitigated	14.1052	29.1514	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	24,901.6973	24,901.6973	0.9875	0.0000	24,922.4344

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026
Condo/Townhouse	456.00	456.00	456.00	1,302,018	1,302,018
Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	18,810.00	18,810.00	18810.00	53,708,256	53,708,256
Strip Mall	4,800.00	4,800.00	4800.00	7,392,159	7,392,159
Total	27,195.50	26,295.50	26,295.50	68,001,666	68,001,666

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300	0.073549	0.191092	0.130830	0.036094	0.005140	0.012550	0.022916	0.001871	0.002062	0.006564	0.000586	0.003446

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

- Install High Efficiency Lighting
- Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive 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					
NaturalGas Mitigated	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508
NaturalGas Unmitigated	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,057.4358	4,057.4358	0.1689	0.0461	4,075.2587
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,355.5473	4,355.5473	0.1813	0.0494	4,374.6797

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					

City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Condo/Townhouse	762720	4.1100e-003	0.0351	0.0150	2.2000e-004		2.8400e-003	2.8400e-003		2.8400e-003	2.8400e-003	0.0000	40.7016	40.7016	7.8000e-004	7.5000e-004	40.9493
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003		0.0568	0.0568		0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801
Single Family Housing	4.93466e+007	0.2661	2.2738	0.9676	0.0145		0.1838	0.1838		0.1838	0.1838	0.0000	2,633.3238	2,633.3238	0.0505	0.0483	2,649.3498
Strip Mall	83600	4.5000e-004	4.1000e-003	3.4400e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	4.4612	4.4612	9.0000e-005	8.0000e-005	4.4884
Total		0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	762720	4.1100e-003	0.0351	0.0150	2.2000e-004		2.8400e-003	2.8400e-003		2.8400e-003	2.8400e-003	0.0000	40.7016	40.7016	7.8000e-004	7.5000e-004	40.9493
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003		0.0568	0.0568		0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801
Single Family Housing	4.93466e+007	0.2661	2.2738	0.9676	0.0145		0.1838	0.1838		0.1838	0.1838	0.0000	2,633.3238	2,633.3238	0.0505	0.0483	2,649.3498
Strip Mall	83600	4.5000e-004	4.1000e-003	3.4400e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	4.4612	4.4612	9.0000e-005	8.0000e-005	4.4884
Total		0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	244304	58.5777	2.4400e-003	6.6000e-004	58.8350
Elementary School	278399	66.7527	2.7800e-003	7.6000e-004	67.0460
Government Office Building	137500	32.9689	1.3700e-003	3.7000e-004	33.1137
Hotel	3.86813e+006	927.4744	0.0386	0.0105	931.5485
Single Family Housing	1.31093e+007	3,143.2691	0.1308	0.0357	3,157.0764
Strip Mall	527600	126.5045	5.2600e-003	1.4400e-003	127.0602
Total		4,355.5473	0.1813	0.0494	4,374.6797

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	227447	54.5357	2.2700e-003	6.2000e-004	54.7753
Elementary School	256428	61.4847	2.5600e-003	7.0000e-004	61.7548
Government Office Building	131005	31.4115	1.3100e-003	3.6000e-004	31.5495

Hotel	3.60198e+006	863.6584	0.0359	9.8000e-003	867.4521
Single Family Housing	1.22194e+007	2,929.8971	0.1219	0.0333	2,942.7672
Strip Mall	485660	116.4484	4.8500e-003	1.3200e-003	116.9599
Total		4,057.4358	0.1689	0.0461	4,075.2587

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw

	ROG	NOx	CO	SO2	Fugitive 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	32.0218	0.1660	14.3447	7.5000e-004		0.1178	0.1178		0.1174	0.1174	0.0000	581.7723	581.7723	0.0333	0.0102	585.6463
Unmitigated	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652

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	0.4879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.0432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4404	0.1671	14.4458	7.6000e-004		0.0794	0.0794		0.0794	0.0794	0.0000	23.5213	23.5213	0.0230	0.0000	24.0035
Total	32.0280	0.1671	14.4489	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9843	581.9843	0.0337	0.0102	585.8652

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	0.4879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.0432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4342	0.1660	14.3416	7.5000e-004		0.0788	0.0788		0.0788	0.0788	0.0000	23.3094	23.3094	0.0226	0.0000	23.7847
Total	32.0218	0.1660	14.3447	7.5000e-004		0.1178	0.1178		0.1174	0.1174	0.0000	581.7723	581.7723	0.0333	0.0102	585.6463

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			
Unmitigated	799.6246	4.5199	0.1146	930.0570
Mitigated	607.1128	3.6141	0.0911	711.2631

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	94.2668	3.9200e-003	1.0700e-003	94.6809
Condo/Townhouse	3.71378 / 2.3413	19.0099	0.1218	3.0600e-003	22.5153
Elementary School	1.45454 / 3.74026	14.9663	0.0480	1.2800e-003	16.3723
Government Office Building	1.9866 / 1.21759	10.0761	0.0651	1.6400e-003	11.9508
Hotel	5.07335 / 0.563706	18.9507	0.1660	4.1000e-003	23.7085
Single Family Housing	122.555 / 77.2628	627.3268	4.0179	0.1010	743.0052
Strip Mall	2.9629 / 1.81597	15.0280	0.0971	2.4400e-003	17.8240
Total		799.6246	4.5199	0.1146	930.0570

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 24.7709	65.9868	2.7500e-003	7.5000e-004	66.2766
Condo/Townhouse	2.97102 / 1.63891	14.5842	0.0974	2.4400e-003	17.3844
Elementary School	1.16364 / 2.61818	10.9767	0.0384	1.0100e-003	12.0965
Government Office Building	1.58928 / 0.852314	7.7365	0.0521	1.3000e-003	9.2341
Hotel	4.05868 / 0.394594	15.0104	0.1328	3.2700e-003	18.8141
Single Family Housing	98.0438 / 54.0839	481.2796	3.2131	0.0804	573.6852
Strip Mall	2.37032 / 1.27118	11.5386	0.0777	1.9400e-003	13.7722
Total		607.1128	3.6141	0.0911	711.2631

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	406.7728	24.0396	0.0000	911.6040
Unmitigated	508.4660	30.0495	0.0000	1,139.5050

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	26.22	5.3224	0.3146	0.0000	11.9279
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2205.8	447.7575	26.4617	0.0000	1,003.4533
Strip Mall	42	8.5256	0.5039	0.0000	19.1065
Total		508.4660	30.0495	0.0000	1,139.5050

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.04	0.4141	0.0245	0.0000	0.9280
Condo/Townhouse	20.976	4.2579	0.2516	0.0000	9.5423

Elementary School	87.6	17.7820	1.0509	0.0000	39.8506
Government Office Building	7.44	1.5103	0.0893	0.0000	3.3846
Hotel	87.6	17.7820	1.0509	0.0000	39.8506
Single Family Housing	1764.64	358.2060	21.1694	0.0000	802.7627
Strip Mall	33.6	6.8205	0.4031	0.0000	15.2852
Total		406.7728	24.0396	0.0000	911.6040

9.0 Operational Offroad

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

Otay Ranch Village 13, Mitigated, Optional Development Scenario, 2020
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	0.00	Dwelling Unit	0.00	0.00	0
Single Family Housing	1,938.00	Dwelling Unit	541.00	6,395,400.00	5543
Strip Mall	20.00	1000sqft	1.00	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2020
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	528.61	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2496438	0
tblAreaCoating	Area_Residential_Exterior	4316895	0
tblAreaCoating	Area_Residential_Interior	12950685	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExterior	250	0

tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	10,850.00	0.00
tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	NumDays	1,085.00	0.00
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	420.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblEnergyUse	T24E	206.69	158.53
tblEnergyUse	T24E	1.86	1.45
tblEnergyUse	T24E	5.69	4.45
tblEnergyUse	T24E	5.84	4.57
tblEnergyUse	T24E	425.62	270.69
tblEnergyUse	T24E	3.89	3.04
tblEnergyUse	T24NG	10,789.48	10,379.48
tblEnergyUse	T24NG	5.72	4.76
tblEnergyUse	T24NG	16.83	14.00
tblEnergyUse	T24NG	49.75	41.39
tblEnergyUse	T24NG	21,834.49	20,415.25
tblEnergyUse	T24NG	1.20	1.00
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	FireplaceDayYear	82.00	30.00

tblFireplaces	NumberGas	0.00	57.00
tblFireplaces	NumberGas	1,065.90	1,881.00
tblFireplaces	NumberNoFireplace	0.00	5.70
tblFireplaces	NumberNoFireplace	193.80	188.10
tblFireplaces	NumberWood	678.30	0.00
tblLandUse	LandUseSquareFeet	3,488,400.00	6,395,400.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	629.22	541.00
tblLandUse	LotAcreage	0.46	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	528.61
tblProjectCharacteristics	OperationalYear	2014	2020
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	5.00

tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,394.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	279.00	0.00
tblVehicleEF	HHD	1,547.78	1,662.75
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	244.25	236.73
tblVehicleEF	LDA	0.10	0.10
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	297.79	288.86
tblVehicleEF	LDT1	0.17	0.17
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	364.72	353.83
tblVehicleEF	LDT2	0.11	0.11
tblVehicleEF	LHD1	734.00	528.27
tblVehicleEF	LHD2	623.36	504.09
tblVehicleEF	MCY	156.52	132.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	489.56	474.90
tblVehicleEF	MDV	0.23	0.22
tblVehicleEF	MH	681.06	632.56
tblVehicleEF	MHD	995.11	1,002.19
tblVehicleEF	SBUS	1,024.49	956.29
tblVehicleEF	UBUS	1,981.57	1,962.49
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00
tblVehicleTrips	ST_TR	10.08	10.00
tblVehicleTrips	ST_TR	42.04	120.00

tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00
tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	30
tblWoodstoves	NumberCatalytic	96.90	0.00
tblWoodstoves	NumberNoncatalytic	96.90	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					

Area	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648
Energy	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	7,881.4885	7,881.4885	0.2483	0.1143	7,922.1242
Mobile	13.0644	27.5166	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	23,638.2015	23,638.2015	0.9347	0.0000	23,657.8301
Waste						0.0000	0.0000		0.0000	0.0000	512.4466	0.0000	512.4466	30.2847	0.0000	1,148.4259
Water						0.0000	0.0000		0.0000	0.0000	43.2304	748.8802	792.1106	4.4714	0.1133	921.1450
Total	45.8794	30.7974	147.4174	0.3742	24.3027	0.7738	25.0766	6.4998	0.7419	7.2417	555.6771	32,850.5541	33,406.2312	35.9727	0.2379	34,235.3900

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	32.4499	0.1660	14.3445	7.5000e-004		0.1178	0.1178		0.1174	0.1174	0.0000	581.7720	581.7720	0.0333	0.0102	585.6459
Energy	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	7,585.9812	7,585.9812	0.2360	0.1109	7,625.3189
Mobile	13.0644	27.5166	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	23,638.2015	23,638.2015	0.9347	0.0000	23,657.8301
Waste						0.0000	0.0000		0.0000	0.0000	409.9573	0.0000	409.9573	24.2278	0.0000	918.7407
Water						0.0000	0.0000		0.0000	0.0000	34.5843	566.7591	601.3435	3.5752	0.0902	704.3770
Total	45.8732	30.7964	147.3131	0.3741	24.3027	0.7732	25.0760	6.4998	0.7413	7.2411	444.5416	32,372.7138	32,817.2555	29.0070	0.2113	33,491.9126

	ROG	NOx	CO	SO2	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	0.01	0.00	0.07	0.00	0.00	0.08	0.00	0.00	0.08	0.01	20.00	1.45	1.76	19.36	11.15	2.17

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 12,950,685; Residential Outdoor: 4,316,895; Non-Residential Indoor: 2,496,441; Non-Residential Outdoor: 832,147****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37

Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	13.0644	27.5166	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	23,638.2015	23,638.2015	0.9347	0.0000	23,657.8301
Unmitigated	13.0644	27.5166	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	23,638.2015	23,638.2015	0.9347	0.0000	23,657.8301

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026
Condo/Townhouse	0.00	0.00	0.00		
Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	19,380.00	19,380.00	19380.00	55,335,779	55,335,779
Strip Mall	2,400.00	2,400.00	2400.00	3,696,079	3,696,079
Total	24,909.50	24,009.50	24,009.50	64,631,092	64,631,092

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300	0.073549	0.191092	0.130830	0.036094	0.005140	0.012550	0.022916	0.001871	0.002062	0.006564	0.000586	0.003446

4.4 Fleet Mix

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive 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					
NaturalGas Mitigated	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406
NaturalGas Unmitigated	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,033.4607	4,033.4607	0.1679	0.0458	4,051.1782
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,328.9680	4,328.9680	0.1802	0.0491	4,347.9836

Unmitigated

[illegible]

Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003		0.0568	0.0568		0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801
Single Family Housing	5.0842e+007	0.2742	2.3427	0.9969	0.0150		0.1894	0.1894		0.1894	0.1894	0.0000	2,713.1215	2,713.1215	0.0520	0.0497	2,729.6331
Strip Mall	41800	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2306	2.2306	4.0000e-005	4.0000e-005	2.2442
Total		0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003		0.0568	0.0568		0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801
Single Family Housing	5.0842e+007	0.2742	2.3427	0.9969	0.0150		0.1894	0.1894		0.1894	0.1894	0.0000	2,713.1215	2,713.1215	0.0520	0.0497	2,729.6331
Strip Mall	41800	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2306	2.2306	4.0000e-005	4.0000e-005	2.2442
Total		0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	278399	66.7527	2.7800e-003	7.6000e-004	67.0460
Government Office Building	137500	32.9689	1.3700e-003	3.7000e-004	33.1137
Hotel	3.86813e+006	927.4744	0.0386	0.0105	931.5485
Single Family Housing	1.35066e+007	3,238.5197	0.1348	0.0368	3,252.7454
Strip Mall	263800	63.2522	2.6300e-003	7.2000e-004	63.5301
Total		4,328.9680	0.1802	0.0491	4,347.9836

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	256428	61.4847	2.5600e-003	7.0000e-004	61.7548
Government Office Building	131005	31.4115	1.3100e-003	3.6000e-004	31.5495
Hotel	3.60198e+006	863.6584	0.0359	9.8000e-003	867.4521

Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4404	0.1671	14.4457	7.6000e-004		0.0794	0.0794		0.0794	0.0794	0.0000	23.5210	23.5210	0.0230	0.0000	24.0032
Total	32.4561	0.1671	14.4487	7.6000e-004		0.1184	0.1184		0.1180	0.1180	0.0000	581.9839	581.9839	0.0337	0.0102	585.8648

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	0.4821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4342	0.1660	14.3414	7.5000e-004		0.0788	0.0788		0.0788	0.0788	0.0000	23.3090	23.3090	0.0226	0.0000	23.7843
Total	32.4498	0.1660	14.3445	7.5000e-004		0.1178	0.1178		0.1174	0.1174	0.0000	581.7720	581.7720	0.0333	0.0102	585.6459

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			
Unmitigated	792.1106	4.4714	0.1133	921.1450
Mitigated	601.3435	3.5752	0.0902	704.3770

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	94.2668	3.9200e-003	1.0700e-003	94.6809
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.45454 / 3.74026	14.9663	0.0480	1.2800e-003	16.3723
Government Office Building	1.9866 / 1.21759	10.0761	0.0651	1.6400e-003	11.9508
Hotel	5.07335 / 0.563706	18.9507	0.1660	4.1000e-003	23.7085
Single Family Housing	126.269 / 79.6041	646.3367	4.1397	0.1040	765.5205
Strip Mall	1.48145 / 0.907986	7.5140	0.0486	1.2200e-003	8.9120
Total		792.1106	4.4714	0.1133	921.1450

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 24.7709	65.9868	2.7500e-003	7.5000e-004	66.2766
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.16364 / 2.61818	10.9767	0.0384	1.0100e-003	12.0965
Government Office Building	1.58928 / 0.852314	7.7365	0.0521	1.3000e-003	9.2341
Hotel	4.05868 / 0.394594	15.0104	0.1328	3.2700e-003	18.8141
Single Family Housing	101.015 / 55.7228	495.8638	3.3104	0.0829	591.0696
Strip Mall	1.18516 / 0.63559	5.7693	0.0388	9.7000e-004	6.8861
Total		601.3435	3.5753	0.0902	704.3770

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	409.9573	24.2278	0.0000	918.7407
Unmitigated	512.4466	30.2847	0.0000	1,148.4259

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2272.63	461.3234	27.2634	0.0000	1,033.8554
Strip Mall	21	4.2628	0.2519	0.0000	9.5532
Total		512.4466	30.2847	0.0000	1,148.4259

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.04	0.4141	0.0245	0.0000	0.9280
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000

Elementary School	87.6	17.7820	1.0509	0.0000	39.8506
Government Office Building	7.44	1.5103	0.0893	0.0000	3.3846
Hotel	87.6	17.7820	1.0509	0.0000	39.8506
Single Family Housing	1818.1	369.0587	21.8107	0.0000	827.0843
Strip Mall	16.8	3.4103	0.2015	0.0000	7.6426
Total		409.9573	24.2278	0.0000	918.7407

9.0 Operational Offroad

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

Otay Ranch Village 13, Mitigated, 2025
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	57.00	Dwelling Unit	13.10	57,000.00	163
Single Family Housing	1,881.00	Dwelling Unit	525.00	6,207,300.00	5380
Strip Mall	40.00	1000sqft	1.00	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	528.61	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Vehicle Trips - passby and diverted
 Energy Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2526438	0
tblAreaCoating	Area_Residential_Exterior	4228403	0

tblAreaCoating	Area_Residential_Interior	12685208	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExterior	250	0
tblAreaMitigation	UseLowVOCPaintNonresidentialInterior	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	9,300.00	0.00
tblConstructionPhase	NumDays	600.00	0.00
tblConstructionPhase	NumDays	930.00	0.00
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	360.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblEnergyUse	T24E	206.69	158.53
tblEnergyUse	T24E	1.86	1.45
tblEnergyUse	T24E	5.69	4.45
tblEnergyUse	T24E	5.84	4.57
tblEnergyUse	T24E	425.62	270.69
tblEnergyUse	T24E	3.89	3.04
tblEnergyUse	T24NG	10,789.48	10,379.48
tblEnergyUse	T24NG	5.72	4.76
tblEnergyUse	T24NG	16.83	14.00
tblEnergyUse	T24NG	49.75	41.39
tblEnergyUse	T24NG	21,834.49	20,415.25
tblEnergyUse	T24NG	1.20	1.00

tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	NumberGas	31.35	57.00
tblFireplaces	NumberGas	1,034.55	1,881.00
tblFireplaces	NumberWood	19.95	0.00
tblFireplaces	NumberWood	658.35	0.00
tblLandUse	LandUseSquareFeet	3,385,800.00	6,207,300.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	3.56	13.10
tblLandUse	LotAcreage	610.71	525.00
tblLandUse	LotAcreage	0.92	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	528.61
tblProjectCharacteristics	OperationalYear	2014	2025

tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	5.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,421.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	284.00	0.00
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tblVehicleEF	HHD	9.7230e-003	0.01
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tblVehicleEF	HHD	8.7210e-003	8.7120e-003
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tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	7.7400e-004	1.7690e-003
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tblVehicleEF	HHD	0.07	0.07
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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7210e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	7.1800e-004	1.5800e-003
tblVehicleEF	HHD	1.0990e-003	1.5640e-003
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tblVehicleEF	HHD	0.66	0.61
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tblVehicleEF	HHD	5.1350e-003	5.1410e-003
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tblVehicleEF	HHD	1.0990e-003	1.5640e-003
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tblVehicleEF	HHD	1.57	2.59
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tblVehicleEF	LDA	6.8420e-003	8.5820e-003
tblVehicleEF	LDA	0.71	0.82
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tblVehicleEF	LDA	0.08	0.11
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tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.19	0.23
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tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.19	0.23
tblVehicleEF	LDA	0.13	0.16

tblVehicleEF	LDA	9.7290e-003	0.01
tblVehicleEF	LDA	6.8420e-003	8.5820e-003
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tblVehicleEF	LDA	1.19	1.48
tblVehicleEF	LDA	236.86	258.13
tblVehicleEF	LDA	47.36	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	2.0140e-003	1.8230e-003
tblVehicleEF	LDA	4.3870e-003	3.4360e-003
tblVehicleEF	LDA	1.8680e-003	1.6910e-003
tblVehicleEF	LDA	4.0710e-003	3.1870e-003
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.18	0.21
tblVehicleEF	LDA	0.10	0.12
tblVehicleEF	LDA	3.7710e-003	3.7660e-003
tblVehicleEF	LDA	7.5800e-004	7.6100e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.18	0.21
tblVehicleEF	LDA	0.11	0.13
tblVehicleEF	LDA	9.7290e-003	0.01
tblVehicleEF	LDA	6.8420e-003	8.5820e-003
tblVehicleEF	LDA	0.69	0.81

tblVehicleEF	LDA	1.74	2.17
tblVehicleEF	LDA	221.74	241.74
tblVehicleEF	LDA	47.36	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	2.0140e-003	1.8230e-003
tblVehicleEF	LDA	4.3870e-003	3.4360e-003
tblVehicleEF	LDA	1.8680e-003	1.6910e-003
tblVehicleEF	LDA	4.0710e-003	3.1870e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.23	0.27
tblVehicleEF	LDA	0.13	0.16
tblVehicleEF	LDA	3.5290e-003	3.5240e-003
tblVehicleEF	LDA	7.6700e-004	7.7300e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.23	0.27
tblVehicleEF	LDA	0.14	0.17
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	9.8570e-003	0.02
tblVehicleEF	LDT1	1.09	1.56
tblVehicleEF	LDT1	2.47	3.69
tblVehicleEF	LDT1	276.45	242.86
tblVehicleEF	LDT1	58.84	63.53

tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.12	0.17
tblVehicleEF	LDT1	0.15	0.21
tblVehicleEF	LDT1	2.5610e-003	2.9460e-003
tblVehicleEF	LDT1	4.5840e-003	4.4870e-003
tblVehicleEF	LDT1	2.3760e-003	2.7320e-003
tblVehicleEF	LDT1	4.2530e-003	4.1620e-003
tblVehicleEF	LDT1	0.08	0.10
tblVehicleEF	LDT1	0.19	0.23
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.63	0.78
tblVehicleEF	LDT1	0.17	0.27
tblVehicleEF	LDT1	4.1390e-003	4.1300e-003
tblVehicleEF	LDT1	8.9600e-004	9.1200e-004
tblVehicleEF	LDT1	0.08	0.10
tblVehicleEF	LDT1	0.19	0.23
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.63	0.78
tblVehicleEF	LDT1	0.19	0.29
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	9.8570e-003	0.02
tblVehicleEF	LDT1	1.21	1.72
tblVehicleEF	LDT1	1.86	2.77
tblVehicleEF	LDT1	291.51	313.82
tblVehicleEF	LDT1	58.84	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.11	0.16
tblVehicleEF	LDT1	0.13	0.20

tblVehicleEF	LDT1	2.5610e-003	2.9460e-003
tblVehicleEF	LDT1	4.5840e-003	4.4870e-003
tblVehicleEF	LDT1	2.3760e-003	2.7320e-003
tblVehicleEF	LDT1	4.2530e-003	4.1620e-003
tblVehicleEF	LDT1	0.12	0.15
tblVehicleEF	LDT1	0.20	0.25
tblVehicleEF	LDT1	0.14	0.17
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.57	0.71
tblVehicleEF	LDT1	0.14	0.22
tblVehicleEF	LDT1	4.3670e-003	4.3560e-003
tblVehicleEF	LDT1	8.8600e-004	8.9600e-004
tblVehicleEF	LDT1	0.12	0.15
tblVehicleEF	LDT1	0.20	0.25
tblVehicleEF	LDT1	0.14	0.17
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.57	0.71
tblVehicleEF	LDT1	0.15	0.24
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	9.8570e-003	0.02
tblVehicleEF	LDT1	1.07	1.53
tblVehicleEF	LDT1	2.70	4.04
tblVehicleEF	LDT1	273.72	294.90
tblVehicleEF	LDT1	58.84	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.12	0.18
tblVehicleEF	LDT1	0.15	0.22
tblVehicleEF	LDT1	2.5610e-003	2.9460e-003
tblVehicleEF	LDT1	4.5840e-003	4.4870e-003
tblVehicleEF	LDT1	2.3760e-003	2.7320e-003

tblVehicleEF	LDT1	4.2530e-003	4.1620e-003
tblVehicleEF	LDT1	0.06	0.08
tblVehicleEF	LDT1	0.21	0.26
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.77	0.97
tblVehicleEF	LDT1	0.19	0.29
tblVehicleEF	LDT1	4.0980e-003	4.0890e-003
tblVehicleEF	LDT1	9.0000e-004	9.1800e-004
tblVehicleEF	LDT1	0.06	0.08
tblVehicleEF	LDT1	0.21	0.26
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.77	0.97
tblVehicleEF	LDT1	0.20	0.31
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	5.4980e-003	8.2780e-003
tblVehicleEF	LDT2	0.73	0.93
tblVehicleEF	LDT2	1.51	2.20
tblVehicleEF	LDT2	343.81	302.09
tblVehicleEF	LDT2	72.62	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.08	0.11
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	1.9610e-003	1.7600e-003
tblVehicleEF	LDT2	4.2550e-003	3.3350e-003
tblVehicleEF	LDT2	1.8200e-003	1.6320e-003
tblVehicleEF	LDT2	3.9480e-003	3.0930e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.11	0.13

tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.35	0.40
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	4.8490e-003	4.8440e-003
tblVehicleEF	LDT2	1.0330e-003	1.0420e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.35	0.40
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	5.4980e-003	8.2780e-003
tblVehicleEF	LDT2	0.82	1.04
tblVehicleEF	LDT2	1.13	1.65
tblVehicleEF	LDT2	362.93	384.93
tblVehicleEF	LDT2	72.62	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.11	0.17
tblVehicleEF	LDT2	1.9610e-003	1.7600e-003
tblVehicleEF	LDT2	4.2550e-003	3.3350e-003
tblVehicleEF	LDT2	1.8200e-003	1.6320e-003
tblVehicleEF	LDT2	3.9480e-003	3.0930e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.11	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.32	0.37

tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	5.1200e-003	5.1150e-003
tblVehicleEF	LDT2	1.0270e-003	1.0320e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.11	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.32	0.37
tblVehicleEF	LDT2	0.09	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	5.4980e-003	8.2780e-003
tblVehicleEF	LDT2	0.71	0.91
tblVehicleEF	LDT2	1.65	2.41
tblVehicleEF	LDT2	340.35	361.06
tblVehicleEF	LDT2	72.62	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.08	0.11
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	1.9610e-003	1.7600e-003
tblVehicleEF	LDT2	4.2550e-003	3.3350e-003
tblVehicleEF	LDT2	1.8200e-003	1.6320e-003
tblVehicleEF	LDT2	3.9480e-003	3.0930e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.42	0.49
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	4.8000e-003	4.7950e-003
tblVehicleEF	LDT2	1.0350e-003	1.0450e-003

tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.42	0.49
tblVehicleEF	LDT2	0.11	0.17
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.94	1.50
tblVehicleEF	LHD1	2.97	3.75
tblVehicleEF	LHD1	7.98	7.98
tblVehicleEF	LHD1	733.49	527.86
tblVehicleEF	LHD1	37.10	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.83	1.23
tblVehicleEF	LHD1	1.02	1.16
tblVehicleEF	LHD1	6.6900e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3730e-003	9.3720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.6500e-004	8.6400e-004
tblVehicleEF	LHD1	6.1500e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.2500e-004	8.0000e-004
tblVehicleEF	LHD1	1.7270e-003	2.0350e-003
tblVehicleEF	LHD1	0.06	0.07

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4850e-003	1.6100e-003
tblVehicleEF	LHD1	0.09	0.15
tblVehicleEF	LHD1	0.42	0.48
tblVehicleEF	LHD1	0.25	0.34
tblVehicleEF	LHD1	8.0690e-003	8.0840e-003
tblVehicleEF	LHD1	4.6600e-004	4.7500e-004
tblVehicleEF	LHD1	1.7270e-003	2.0350e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4850e-003	1.6100e-003
tblVehicleEF	LHD1	0.11	0.17
tblVehicleEF	LHD1	0.42	0.48
tblVehicleEF	LHD1	0.26	0.36
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.96	1.53
tblVehicleEF	LHD1	2.33	2.93
tblVehicleEF	LHD1	733.49	734.00
tblVehicleEF	LHD1	37.10	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.79	1.17
tblVehicleEF	LHD1	0.97	1.11
tblVehicleEF	LHD1	6.6900e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3730e-003	9.3720e-003
tblVehicleEF	LHD1	0.01	0.02

tblVehicleEF	LHD1	5.6500e-004	8.6400e-004
tblVehicleEF	LHD1	6.1500e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.2500e-004	8.0000e-004
tblVehicleEF	LHD1	2.5090e-003	2.9700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4990e-003	2.7670e-003
tblVehicleEF	LHD1	0.09	0.15
tblVehicleEF	LHD1	0.41	0.46
tblVehicleEF	LHD1	0.22	0.29
tblVehicleEF	LHD1	8.0690e-003	8.0840e-003
tblVehicleEF	LHD1	4.5500e-004	4.6100e-004
tblVehicleEF	LHD1	2.5090e-003	2.9700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4990e-003	2.7670e-003
tblVehicleEF	LHD1	0.11	0.17
tblVehicleEF	LHD1	0.41	0.46
tblVehicleEF	LHD1	0.23	0.31
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.94	1.49
tblVehicleEF	LHD1	3.26	4.11
tblVehicleEF	LHD1	733.49	734.00
tblVehicleEF	LHD1	37.10	36.60
tblVehicleEF	LHD1	0.04	0.04

tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.83	1.22
tblVehicleEF	LHD1	1.04	1.18
tblVehicleEF	LHD1	6.6900e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3730e-003	9.3720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.6500e-004	8.6400e-004
tblVehicleEF	LHD1	6.1500e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.2500e-004	8.0000e-004
tblVehicleEF	LHD1	1.5580e-003	1.8970e-003
tblVehicleEF	LHD1	0.07	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3090e-003	1.4220e-003
tblVehicleEF	LHD1	0.09	0.14
tblVehicleEF	LHD1	0.47	0.53
tblVehicleEF	LHD1	0.26	0.36
tblVehicleEF	LHD1	8.0680e-003	8.0830e-003
tblVehicleEF	LHD1	4.7100e-004	4.8200e-004
tblVehicleEF	LHD1	1.5580e-003	1.8970e-003
tblVehicleEF	LHD1	0.07	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3090e-003	1.4220e-003
tblVehicleEF	LHD1	0.11	0.17
tblVehicleEF	LHD1	0.47	0.53
tblVehicleEF	LHD1	0.28	0.38
tblVehicleEF	LHD2	8.4500e-004	8.7100e-004
tblVehicleEF	LHD2	8.4540e-003	0.01

tblVehicleEF	LHD2	6.7880e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.72	0.99
tblVehicleEF	LHD2	1.48	1.83
tblVehicleEF	LHD2	621.96	503.26
tblVehicleEF	LHD2	22.61	22.28
tblVehicleEF	LHD2	5.1990e-003	5.1400e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.15	1.78
tblVehicleEF	LHD2	0.58	0.66
tblVehicleEF	LHD2	1.2750e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.1600e-004	3.8000e-004
tblVehicleEF	LHD2	1.1730e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.0100e-004	3.5100e-004
tblVehicleEF	LHD2	7.6300e-004	9.4700e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0800e-004	7.9100e-004
tblVehicleEF	LHD2	0.09	0.13
tblVehicleEF	LHD2	0.17	0.22
tblVehicleEF	LHD2	0.12	0.17
tblVehicleEF	LHD2	6.7610e-003	6.7800e-003
tblVehicleEF	LHD2	2.7800e-004	2.8100e-004
tblVehicleEF	LHD2	7.6300e-004	9.4700e-004

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0800e-004	7.9100e-004
tblVehicleEF	LHD2	0.10	0.15
tblVehicleEF	LHD2	0.17	0.22
tblVehicleEF	LHD2	0.13	0.18
tblVehicleEF	LHD2	8.4500e-004	8.7100e-004
tblVehicleEF	LHD2	8.4540e-003	0.01
tblVehicleEF	LHD2	6.7880e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.72	1.00
tblVehicleEF	LHD2	1.16	1.44
tblVehicleEF	LHD2	621.96	623.36
tblVehicleEF	LHD2	22.61	22.28
tblVehicleEF	LHD2	5.1990e-003	5.1400e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.11	1.72
tblVehicleEF	LHD2	0.55	0.63
tblVehicleEF	LHD2	1.2750e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.1600e-004	3.8000e-004
tblVehicleEF	LHD2	1.1730e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.0100e-004	3.5100e-004
tblVehicleEF	LHD2	1.1090e-003	1.3820e-003
tblVehicleEF	LHD2	0.03	0.04

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.1880e-003	1.3590e-003
tblVehicleEF	LHD2	0.09	0.13
tblVehicleEF	LHD2	0.16	0.21
tblVehicleEF	LHD2	0.11	0.15
tblVehicleEF	LHD2	6.7610e-003	6.7800e-003
tblVehicleEF	LHD2	2.7200e-004	2.7400e-004
tblVehicleEF	LHD2	1.1090e-003	1.3820e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.1880e-003	1.3590e-003
tblVehicleEF	LHD2	0.10	0.15
tblVehicleEF	LHD2	0.16	0.21
tblVehicleEF	LHD2	0.11	0.16
tblVehicleEF	LHD2	8.4500e-004	8.7100e-004
tblVehicleEF	LHD2	8.4540e-003	0.01
tblVehicleEF	LHD2	6.7880e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.72	0.98
tblVehicleEF	LHD2	1.62	2.01
tblVehicleEF	LHD2	621.96	623.36
tblVehicleEF	LHD2	22.61	22.28
tblVehicleEF	LHD2	5.1990e-003	5.1400e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.15	1.78
tblVehicleEF	LHD2	0.59	0.67
tblVehicleEF	LHD2	1.2750e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	2.1600e-004	3.8000e-004
tblVehicleEF	LHD2	1.1730e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.0100e-004	3.5100e-004
tblVehicleEF	LHD2	6.6800e-004	8.6500e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2100e-004	6.9500e-004
tblVehicleEF	LHD2	0.09	0.13
tblVehicleEF	LHD2	0.19	0.24
tblVehicleEF	LHD2	0.13	0.18
tblVehicleEF	LHD2	6.7610e-003	6.7800e-003
tblVehicleEF	LHD2	2.8000e-004	2.8400e-004
tblVehicleEF	LHD2	6.6800e-004	8.6500e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2100e-004	6.9500e-004
tblVehicleEF	LHD2	0.10	0.15
tblVehicleEF	LHD2	0.19	0.24
tblVehicleEF	LHD2	0.14	0.19
tblVehicleEF	MCY	25.73	28.19
tblVehicleEF	MCY	10.40	10.27
tblVehicleEF	MCY	158.11	132.24
tblVehicleEF	MCY	37.09	38.51
tblVehicleEF	MCY	6.5110e-003	6.5640e-003
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.9400e-004	3.9100e-004

tblVehicleEF	MCY	7.2800e-004	9.6800e-004
tblVehicleEF	MCY	2.5300e-004	3.2800e-004
tblVehicleEF	MCY	6.2700e-004	8.0400e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.52	0.52
tblVehicleEF	MCY	2.83	2.95
tblVehicleEF	MCY	1.16	1.26
tblVehicleEF	MCY	2.08	2.11
tblVehicleEF	MCY	2.2490e-003	2.2740e-003
tblVehicleEF	MCY	6.4100e-004	6.5600e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.52	0.52
tblVehicleEF	MCY	3.09	3.22
tblVehicleEF	MCY	1.16	1.26
tblVehicleEF	MCY	2.23	2.27
tblVehicleEF	MCY	24.34	26.61
tblVehicleEF	MCY	8.84	8.79
tblVehicleEF	MCY	158.11	156.52
tblVehicleEF	MCY	37.09	38.51
tblVehicleEF	MCY	6.5110e-003	6.5640e-003
tblVehicleEF	MCY	1.10	1.11
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.9400e-004	3.9100e-004
tblVehicleEF	MCY	7.2800e-004	9.6800e-004
tblVehicleEF	MCY	2.5300e-004	3.2800e-004
tblVehicleEF	MCY	6.2700e-004	8.0400e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.44	0.46

tblVehicleEF	MCY	1.10	1.11
tblVehicleEF	MCY	2.76	2.86
tblVehicleEF	MCY	1.04	1.13
tblVehicleEF	MCY	1.79	1.81
tblVehicleEF	MCY	2.2250e-003	2.2460e-003
tblVehicleEF	MCY	6.0700e-004	6.2300e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.44	0.46
tblVehicleEF	MCY	1.10	1.11
tblVehicleEF	MCY	3.01	3.12
tblVehicleEF	MCY	1.04	1.13
tblVehicleEF	MCY	1.92	1.94
tblVehicleEF	MCY	26.66	29.25
tblVehicleEF	MCY	11.11	10.95
tblVehicleEF	MCY	158.11	156.52
tblVehicleEF	MCY	37.09	38.51
tblVehicleEF	MCY	6.5110e-003	6.5640e-003
tblVehicleEF	MCY	1.23	1.25
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	2.9400e-004	3.9100e-004
tblVehicleEF	MCY	7.2800e-004	9.6800e-004
tblVehicleEF	MCY	2.5300e-004	3.2800e-004
tblVehicleEF	MCY	6.2700e-004	8.0400e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.50	0.53
tblVehicleEF	MCY	0.39	0.40
tblVehicleEF	MCY	2.88	3.00
tblVehicleEF	MCY	1.46	1.56
tblVehicleEF	MCY	2.21	2.25
tblVehicleEF	MCY	2.2650e-003	2.2920e-003

tblVehicleEF	MCY	6.5600e-004	6.7100e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.50	0.53
tblVehicleEF	MCY	0.39	0.40
tblVehicleEF	MCY	3.14	3.27
tblVehicleEF	MCY	1.46	1.56
tblVehicleEF	MCY	2.37	2.41
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	1.20	1.68
tblVehicleEF	MDV	2.97	4.19
tblVehicleEF	MDV	461.65	405.58
tblVehicleEF	MDV	97.53	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.16	0.22
tblVehicleEF	MDV	0.26	0.38
tblVehicleEF	MDV	3.9950e-003	3.4670e-003
tblVehicleEF	MDV	1.8930e-003	1.8870e-003
tblVehicleEF	MDV	3.7070e-003	3.2110e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.19	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.56	0.60
tblVehicleEF	MDV	0.23	0.34
tblVehicleEF	MDV	6.2010e-003	6.1880e-003
tblVehicleEF	MDV	1.3330e-003	1.3480e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.19	0.20
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.56	0.60
tblVehicleEF	MDV	0.24	0.36
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	1.34	1.86
tblVehicleEF	MDV	2.22	3.15
tblVehicleEF	MDV	487.06	516.30
tblVehicleEF	MDV	97.53	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.14	0.21
tblVehicleEF	MDV	0.24	0.35
tblVehicleEF	MDV	3.9950e-003	3.4670e-003
tblVehicleEF	MDV	1.8930e-003	1.8870e-003
tblVehicleEF	MDV	3.7070e-003	3.2110e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.52	0.56
tblVehicleEF	MDV	0.19	0.28
tblVehicleEF	MDV	6.5450e-003	6.5290e-003
tblVehicleEF	MDV	1.3200e-003	1.3290e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.52	0.56
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	0.02	0.02

tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	1.18	1.66
tblVehicleEF	MDV	3.25	4.58
tblVehicleEF	MDV	457.05	484.72
tblVehicleEF	MDV	97.53	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.16	0.23
tblVehicleEF	MDV	0.27	0.40
tblVehicleEF	MDV	3.9950e-003	3.4670e-003
tblVehicleEF	MDV	1.8930e-003	1.8870e-003
tblVehicleEF	MDV	3.7070e-003	3.2110e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.20	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.67	0.72
tblVehicleEF	MDV	0.24	0.36
tblVehicleEF	MDV	6.1390e-003	6.1260e-003
tblVehicleEF	MDV	1.3380e-003	1.3540e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.20	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.67	0.72
tblVehicleEF	MDV	0.26	0.39
tblVehicleEF	MH	0.75	2.03
tblVehicleEF	MH	4.89	6.63
tblVehicleEF	MH	681.53	633.03
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4310e-003	3.4460e-003

tblVehicleEF	MH	1.02	1.38
tblVehicleEF	MH	0.60	0.74
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5460e-003	8.5470e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.6700e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.4100e-004	6.6300e-004
tblVehicleEF	MH	0.53	0.81
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.33	0.44
tblVehicleEF	MH	0.05	0.10
tblVehicleEF	MH	1.08	1.79
tblVehicleEF	MH	0.27	0.37
tblVehicleEF	MH	7.4980e-003	7.5150e-003
tblVehicleEF	MH	3.9700e-004	4.2900e-004
tblVehicleEF	MH	0.53	0.81
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.33	0.44
tblVehicleEF	MH	0.07	0.12
tblVehicleEF	MH	1.08	1.79
tblVehicleEF	MH	0.28	0.39
tblVehicleEF	MH	0.76	2.09
tblVehicleEF	MH	3.80	5.08
tblVehicleEF	MH	681.53	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4310e-003	3.4460e-003
tblVehicleEF	MH	0.97	1.30
tblVehicleEF	MH	0.57	0.71

tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5460e-003	8.5470e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.6700e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.4100e-004	6.6300e-004
tblVehicleEF	MH	0.74	1.11
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.57	0.76
tblVehicleEF	MH	0.05	0.10
tblVehicleEF	MH	1.04	1.74
tblVehicleEF	MH	0.23	0.31
tblVehicleEF	MH	7.4980e-003	7.5160e-003
tblVehicleEF	MH	3.7900e-004	4.0300e-004
tblVehicleEF	MH	0.74	1.11
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.57	0.76
tblVehicleEF	MH	0.07	0.12
tblVehicleEF	MH	1.04	1.74
tblVehicleEF	MH	0.25	0.33
tblVehicleEF	MH	0.74	2.01
tblVehicleEF	MH	5.39	7.33
tblVehicleEF	MH	681.53	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4310e-003	3.4460e-003
tblVehicleEF	MH	1.02	1.38
tblVehicleEF	MH	0.61	0.76
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5460e-003	8.5470e-003

tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.6700e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.4100e-004	6.6300e-004
tblVehicleEF	MH	0.53	0.84
tblVehicleEF	MH	0.05	0.09
tblVehicleEF	MH	0.30	0.41
tblVehicleEF	MH	0.05	0.10
tblVehicleEF	MH	1.16	1.92
tblVehicleEF	MH	0.28	0.39
tblVehicleEF	MH	7.4980e-003	7.5140e-003
tblVehicleEF	MH	4.0500e-004	4.4100e-004
tblVehicleEF	MH	0.53	0.84
tblVehicleEF	MH	0.05	0.09
tblVehicleEF	MH	0.30	0.41
tblVehicleEF	MH	0.07	0.12
tblVehicleEF	MH	1.16	1.92
tblVehicleEF	MH	0.30	0.42
tblVehicleEF	MHD	8.2380e-003	7.6150e-003
tblVehicleEF	MHD	4.5560e-003	5.1900e-003
tblVehicleEF	MHD	2.10	1.91
tblVehicleEF	MHD	0.50	0.77
tblVehicleEF	MHD	11.39	16.82
tblVehicleEF	MHD	572.68	572.06
tblVehicleEF	MHD	991.19	998.26
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.30	4.60
tblVehicleEF	MHD	0.94	1.79

tblVehicleEF	MHD	1.30	1.78
tblVehicleEF	MHD	7.6210e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.9300e-004	1.6820e-003
tblVehicleEF	MHD	7.0120e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8440e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.2900e-004	1.5330e-003
tblVehicleEF	MHD	1.5330e-003	2.1230e-003
tblVehicleEF	MHD	0.07	0.09
tblVehicleEF	MHD	0.18	0.16
tblVehicleEF	MHD	1.3280e-003	1.6670e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.40	0.48
tblVehicleEF	MHD	0.66	0.98
tblVehicleEF	MHD	6.0710e-003	6.0640e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.4700e-004	8.4700e-004
tblVehicleEF	MHD	1.5330e-003	2.1230e-003
tblVehicleEF	MHD	0.07	0.09
tblVehicleEF	MHD	0.20	0.19
tblVehicleEF	MHD	1.3280e-003	1.6670e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.40	0.48
tblVehicleEF	MHD	0.71	1.04
tblVehicleEF	MHD	7.7630e-003	7.1760e-003
tblVehicleEF	MHD	4.5560e-003	5.1900e-003

tblVehicleEF	MHD	1.52	1.39
tblVehicleEF	MHD	0.50	0.78
tblVehicleEF	MHD	8.88	12.98
tblVehicleEF	MHD	606.71	606.05
tblVehicleEF	MHD	991.19	995.11
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.41	4.74
tblVehicleEF	MHD	0.91	1.72
tblVehicleEF	MHD	1.24	1.70
tblVehicleEF	MHD	6.4250e-003	9.7830e-003
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.9300e-004	1.6820e-003
tblVehicleEF	MHD	5.9110e-003	9.0000e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8440e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.2900e-004	1.5330e-003
tblVehicleEF	MHD	2.2580e-003	3.1680e-003
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	0.17	0.15
tblVehicleEF	MHD	2.2890e-003	3.0070e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.38	0.47
tblVehicleEF	MHD	0.57	0.83
tblVehicleEF	MHD	6.4310e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.0400e-004	7.8200e-004

tblVehicleEF	MHD	2.2580e-003	3.1680e-003
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	2.2890e-003	3.0070e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.38	0.47
tblVehicleEF	MHD	0.61	0.89
tblVehicleEF	MHD	8.8930e-003	8.2210e-003
tblVehicleEF	MHD	4.5560e-003	5.1900e-003
tblVehicleEF	MHD	2.89	2.63
tblVehicleEF	MHD	0.50	0.77
tblVehicleEF	MHD	12.51	18.52
tblVehicleEF	MHD	525.70	525.12
tblVehicleEF	MHD	991.19	995.11
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.16	4.39
tblVehicleEF	MHD	0.94	1.78
tblVehicleEF	MHD	1.33	1.82
tblVehicleEF	MHD	9.2740e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.9300e-004	1.6820e-003
tblVehicleEF	MHD	8.5320e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8440e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.2900e-004	1.5330e-003
tblVehicleEF	MHD	1.3870e-003	2.0010e-003

tblVehicleEF	MHD	0.08	0.11
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	1.1680e-003	1.4670e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.45	0.54
tblVehicleEF	MHD	0.70	1.04
tblVehicleEF	MHD	5.5730e-003	5.5670e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6600e-004	8.7600e-004
tblVehicleEF	MHD	1.3870e-003	2.0010e-003
tblVehicleEF	MHD	0.08	0.11
tblVehicleEF	MHD	0.22	0.20
tblVehicleEF	MHD	1.1680e-003	1.4670e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.45	0.54
tblVehicleEF	MHD	0.75	1.11
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.8580e-003	2.8860e-003
tblVehicleEF	OBUS	3.30	2.74
tblVehicleEF	OBUS	0.84	1.34
tblVehicleEF	OBUS	8.05	10.77
tblVehicleEF	OBUS	533.44	534.88
tblVehicleEF	OBUS	1,036.55	1,037.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.8890e-003	1.8710e-003
tblVehicleEF	OBUS	3.20	4.65
tblVehicleEF	OBUS	1.10	2.33
tblVehicleEF	OBUS	1.15	1.52
tblVehicleEF	OBUS	8.7930e-003	9.5470e-003
tblVehicleEF	OBUS	0.09	0.09

tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	4.7500e-004	6.9800e-004
tblVehicleEF	OBUS	8.0890e-003	8.7830e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6110e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.4100e-004	6.4300e-004
tblVehicleEF	OBUS	7.0700e-004	7.6500e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.56	0.47
tblVehicleEF	OBUS	5.1500e-004	5.2600e-004
tblVehicleEF	OBUS	0.12	0.15
tblVehicleEF	OBUS	0.29	0.30
tblVehicleEF	OBUS	0.49	0.65
tblVehicleEF	OBUS	5.6550e-003	5.6700e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.0500e-004	5.5400e-004
tblVehicleEF	OBUS	7.0700e-004	7.6500e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.64	0.53
tblVehicleEF	OBUS	5.1500e-004	5.2600e-004
tblVehicleEF	OBUS	0.14	0.18
tblVehicleEF	OBUS	0.29	0.30
tblVehicleEF	OBUS	0.52	0.70
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.8580e-003	2.8860e-003
tblVehicleEF	OBUS	2.40	1.99
tblVehicleEF	OBUS	0.85	1.37
tblVehicleEF	OBUS	6.28	8.39

tblVehicleEF	OBUS	565.14	566.66
tblVehicleEF	OBUS	1,036.55	1,037.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.8890e-003	1.8710e-003
tblVehicleEF	OBUS	3.30	4.79
tblVehicleEF	OBUS	1.05	2.23
tblVehicleEF	OBUS	1.09	1.45
tblVehicleEF	OBUS	7.4120e-003	8.0480e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	4.7500e-004	6.9800e-004
tblVehicleEF	OBUS	6.8190e-003	7.4040e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6110e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.4100e-004	6.4300e-004
tblVehicleEF	OBUS	9.9900e-004	1.0830e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.44
tblVehicleEF	OBUS	9.1000e-004	9.5200e-004
tblVehicleEF	OBUS	0.12	0.15
tblVehicleEF	OBUS	0.28	0.29
tblVehicleEF	OBUS	0.42	0.57
tblVehicleEF	OBUS	5.9910e-003	6.0070e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.7500e-004	5.1300e-004
tblVehicleEF	OBUS	9.9900e-004	1.0830e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50

tblVehicleEF	OBUS	9.1000e-004	9.5200e-004
tblVehicleEF	OBUS	0.14	0.18
tblVehicleEF	OBUS	0.28	0.29
tblVehicleEF	OBUS	0.45	0.60
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.8580e-003	2.8860e-003
tblVehicleEF	OBUS	4.55	3.78
tblVehicleEF	OBUS	0.83	1.33
tblVehicleEF	OBUS	8.85	11.83
tblVehicleEF	OBUS	489.68	491.00
tblVehicleEF	OBUS	1,036.55	1,037.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.8890e-003	1.8710e-003
tblVehicleEF	OBUS	3.06	4.44
tblVehicleEF	OBUS	1.10	2.33
tblVehicleEF	OBUS	1.17	1.56
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	4.7500e-004	6.9800e-004
tblVehicleEF	OBUS	9.8430e-003	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6110e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.4100e-004	6.4300e-004
tblVehicleEF	OBUS	6.5800e-004	7.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	4.6200e-004	4.7600e-004

tblVehicleEF	OBUS	0.12	0.15
tblVehicleEF	OBUS	0.31	0.32
tblVehicleEF	OBUS	0.52	0.69
tblVehicleEF	OBUS	5.1910e-003	5.2050e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1800e-004	5.7200e-004
tblVehicleEF	OBUS	6.5800e-004	7.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.69	0.57
tblVehicleEF	OBUS	4.6200e-004	4.7600e-004
tblVehicleEF	OBUS	0.14	0.18
tblVehicleEF	OBUS	0.31	0.32
tblVehicleEF	OBUS	0.55	0.74
tblVehicleEF	SBUS	5.0590e-003	4.4530e-003
tblVehicleEF	SBUS	6.1960e-003	5.3930e-003
tblVehicleEF	SBUS	1.25	1.05
tblVehicleEF	SBUS	3.15	4.24
tblVehicleEF	SBUS	27.10	34.11
tblVehicleEF	SBUS	558.63	547.00
tblVehicleEF	SBUS	1,011.31	941.94
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	5.3400e-004	5.8600e-004
tblVehicleEF	SBUS	6.92	7.58
tblVehicleEF	SBUS	5.99	7.00
tblVehicleEF	SBUS	2.22	2.59
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.53	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4270e-003	5.1810e-003

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7000e-003	2.7220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.1800e-003	4.6650e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.18	0.21
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.33	0.39
tblVehicleEF	SBUS	1.47	1.58
tblVehicleEF	SBUS	1.70	2.21
tblVehicleEF	SBUS	5.9220e-003	5.7980e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7580e-003	1.9000e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.18	0.21
tblVehicleEF	SBUS	0.12	0.11
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.37	0.43
tblVehicleEF	SBUS	1.47	1.58
tblVehicleEF	SBUS	1.81	2.36
tblVehicleEF	SBUS	4.7680e-003	4.1970e-003
tblVehicleEF	SBUS	6.1960e-003	5.3930e-003
tblVehicleEF	SBUS	0.91	0.76
tblVehicleEF	SBUS	3.24	4.29
tblVehicleEF	SBUS	22.48	28.32
tblVehicleEF	SBUS	591.82	579.49
tblVehicleEF	SBUS	1,011.31	1,024.49
tblVehicleEF	SBUS	115.30	116.73

tblVehicleEF	SBUS	5.3400e-004	5.8600e-004
tblVehicleEF	SBUS	7.14	7.82
tblVehicleEF	SBUS	5.75	6.72
tblVehicleEF	SBUS	2.08	2.42
tblVehicleEF	SBUS	9.2660e-003	0.01
tblVehicleEF	SBUS	0.53	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4270e-003	5.1810e-003
tblVehicleEF	SBUS	8.5250e-003	0.01
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7000e-003	2.7220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.1800e-003	4.6650e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.19	0.21
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.34	0.39
tblVehicleEF	SBUS	1.32	1.43
tblVehicleEF	SBUS	1.51	1.95
tblVehicleEF	SBUS	6.2740e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6790e-003	1.8010e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.19	0.21
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.38	0.44
tblVehicleEF	SBUS	1.32	1.43

tblVehicleEF	SBUS	1.61	2.08
tblVehicleEF	SBUS	5.4620e-003	4.8080e-003
tblVehicleEF	SBUS	6.1960e-003	5.3930e-003
tblVehicleEF	SBUS	1.72	1.45
tblVehicleEF	SBUS	3.11	4.22
tblVehicleEF	SBUS	29.38	36.98
tblVehicleEF	SBUS	512.80	502.12
tblVehicleEF	SBUS	1,011.31	1,024.49
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	5.3400e-004	5.8600e-004
tblVehicleEF	SBUS	6.61	7.24
tblVehicleEF	SBUS	5.97	6.98
tblVehicleEF	SBUS	2.28	2.67
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.53	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4270e-003	5.1810e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7000e-003	2.7220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.1800e-003	4.6650e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.21	0.26
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.38
tblVehicleEF	SBUS	1.79	1.93
tblVehicleEF	SBUS	1.79	2.34

tblVehicleEF	SBUS	5.4360e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7960e-003	1.9490e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.21	0.26
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.36	0.43
tblVehicleEF	SBUS	1.79	1.93
tblVehicleEF	SBUS	1.91	2.50
tblVehicleEF	UBUS	2.81	3.03
tblVehicleEF	UBUS	5.20	5.66
tblVehicleEF	UBUS	1,960.19	1,941.11
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0270e-003	2.0620e-003
tblVehicleEF	UBUS	10.15	11.05
tblVehicleEF	UBUS	0.86	0.89
tblVehicleEF	UBUS	0.18	0.19
tblVehicleEF	UBUS	2.0000e-004	2.0500e-004
tblVehicleEF	UBUS	0.16	0.18
tblVehicleEF	UBUS	1.8500e-004	1.9000e-004
tblVehicleEF	UBUS	1.9540e-003	1.9740e-003
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.8470e-003	1.8420e-003
tblVehicleEF	UBUS	0.54	0.58
tblVehicleEF	UBUS	0.38	0.32
tblVehicleEF	UBUS	0.51	0.52
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5000e-004	3.5800e-004
tblVehicleEF	UBUS	1.9540e-003	1.9740e-003

tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.8470e-003	1.8420e-003
tblVehicleEF	UBUS	0.61	0.66
tblVehicleEF	UBUS	0.38	0.32
tblVehicleEF	UBUS	0.54	0.56
tblVehicleEF	UBUS	2.84	3.06
tblVehicleEF	UBUS	4.28	4.66
tblVehicleEF	UBUS	1,960.19	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0270e-003	2.0620e-003
tblVehicleEF	UBUS	9.79	10.66
tblVehicleEF	UBUS	0.81	0.85
tblVehicleEF	UBUS	0.18	0.19
tblVehicleEF	UBUS	2.0000e-004	2.0500e-004
tblVehicleEF	UBUS	0.16	0.18
tblVehicleEF	UBUS	1.8500e-004	1.9000e-004
tblVehicleEF	UBUS	2.3750e-003	2.4040e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	3.2490e-003	3.2720e-003
tblVehicleEF	UBUS	0.54	0.59
tblVehicleEF	UBUS	0.34	0.29
tblVehicleEF	UBUS	0.45	0.47
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.3400e-004	3.4100e-004
tblVehicleEF	UBUS	2.3750e-003	2.4040e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	3.2490e-003	3.2720e-003
tblVehicleEF	UBUS	0.61	0.66
tblVehicleEF	UBUS	0.34	0.29
tblVehicleEF	UBUS	0.48	0.50

tblVehicleEF	UBUS	2.80	3.02
tblVehicleEF	UBUS	5.60	6.10
tblVehicleEF	UBUS	1,960.19	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0270e-003	2.0620e-003
tblVehicleEF	UBUS	10.10	11.00
tblVehicleEF	UBUS	0.88	0.91
tblVehicleEF	UBUS	0.18	0.19
tblVehicleEF	UBUS	2.0000e-004	2.0500e-004
tblVehicleEF	UBUS	0.16	0.18
tblVehicleEF	UBUS	1.8500e-004	1.9000e-004
tblVehicleEF	UBUS	1.8620e-003	1.8930e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6830e-003	1.6820e-003
tblVehicleEF	UBUS	0.54	0.58
tblVehicleEF	UBUS	0.48	0.40
tblVehicleEF	UBUS	0.53	0.55
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5700e-004	3.6600e-004
tblVehicleEF	UBUS	1.8620e-003	1.8930e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6830e-003	1.6820e-003
tblVehicleEF	UBUS	0.60	0.66
tblVehicleEF	UBUS	0.48	0.40
tblVehicleEF	UBUS	0.57	0.59
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00
tblVehicleTrips	ST_TR	10.08	10.00

tblVehicleTrips	ST_TR	42.04	120.00
tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00
tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	30
tblWoodstoves	NumberCatalytic	2.85	0.00
tblWoodstoves	NumberCatalytic	94.05	0.00
tblWoodstoves	NumberNoncatalytic	2.85	0.00
tblWoodstoves	NumberNoncatalytic	94.05	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Area	32.0200	0.1657	14.3874	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9843	581.9843	0.0333	0.0102	585.8565
Energy	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	7,871.2024	7,871.2024	0.2487	0.1139	7,911.7305
Mobile	14.1052	29.1514	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	21,965.3575	21,965.3575	0.9875	0.0000	21,986.0947
Waste						0.0000	0.0000		0.0000	0.0000	508.4660	0.0000	508.4660	30.0495	0.0000	1,139.5050
Water						0.0000	0.0000		0.0000	0.0000	43.7004	755.9242	799.6246	4.5199	0.1146	930.0570
Total	46.4805	32.3991	155.9437	0.3929	25.5702	0.7944	26.3646	6.8388	0.7608	7.5995	552.1664	31,174.4684	31,726.6348	35.8388	0.2387	32,553.2438

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	32.0139	0.1647	14.2838	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7723	581.7723	0.0329	0.0102	585.6378
Energy	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	7,573.0909	7,573.0909	0.2363	0.1105	7,612.3095
Mobile	14.1052	29.1514	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	21,965.3575	21,965.3575	0.9875	0.0000	21,986.0947
Waste						0.0000	0.0000		0.0000	0.0000	406.7728	0.0000	406.7728	24.0396	0.0000	911.6040
Water						0.0000	0.0000		0.0000	0.0000	34.9603	572.1524	607.1128	3.6141	0.0911	711.2631
Total	46.4744	32.3981	155.8401	0.3928	25.5702	0.7938	26.3639	6.8388	0.7601	7.5989	441.7331	30,692.3732	31,134.1063	28.9103	0.2119	31,806.9091

	ROG	NOx	CO	SO2	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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Percent Reduction	0.01	0.00	0.07	0.00	0.00	0.08	0.00	0.00	0.08	0.01	20.00	1.55	1.87	19.33	11.23	2.29
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3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,685,208; Residential Outdoor: 4,228,403; Non-Residential Indoor: 2,526,441; Non-Residential Outdoor: 842,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38

Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	483.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	14.1052	29.1514	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	21,965.3575	21,965.3575	0.9875	0.0000	21,986.0947
Unmitigated	14.1052	29.1514	139.9244	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	21,965.3575	21,965.3575	0.9875	0.0000	21,986.0947

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026
Condo/Townhouse	456.00	456.00	456.00	1,302,018	1,302,018
Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	18,810.00	18,810.00	18810.00	53,708,256	53,708,256
Strip Mall	4,800.00	4,800.00	4800.00	7,392,159	7,392,159
Total	27,195.50	26,295.50	26,295.50	68,001,666	68,001,666

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300,	0.073549,	0.191092	0.130830,	0.036094,	0.005140,	0.012550,	0.022916,	0.001871,	0.002062,	0.006564,	0.000586,	0.003446

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive 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					
NaturalGas Mitigated	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508
NaturalGas Unmitigated	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,057.4358	4,057.4358	0.1689	0.0461	4,075.2587
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,355.5473	4,355.5473	0.1813	0.0494	4,374.6797

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
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Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	762720	4.1100e-003	0.0351	0.0150	2.2000e-004	2.8400e-003	2.8400e-003	2.8400e-003	2.8400e-003	0.0000	40.7016	40.7016	7.8000e-004	7.5000e-004	40.9493		
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005	9.8000e-004	9.8000e-004	9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120		
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005	6.8000e-004	6.8000e-004	6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713		
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003	0.0568	0.0568	0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801		
Single Family Housing	4.93466e+007	0.2661	2.2738	0.9676	0.0145	0.1838	0.1838	0.1838	0.1838	0.0000	2,633.3238	2,633.3238	0.0505	0.0483	2,649.3498		
Strip Mall	83600	4.5000e-004	4.1000e-003	3.4400e-003	2.0000e-005	3.1000e-004	3.1000e-004	3.1000e-004	3.1000e-004	0.0000	4.4612	4.4612	9.0000e-005	8.0000e-005	4.4884		
Total		0.3552	3.0821	1.6320	0.0194	0.2454	0.2454	0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508		

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	762720	4.1100e-003	0.0351	0.0150	2.2000e-004	2.8400e-003	2.8400e-003	2.8400e-003	2.8400e-003	0.0000	40.7016	40.7016	7.8000e-004	7.5000e-004	40.9493		
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005	9.8000e-004	9.8000e-004	9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120		
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005	6.8000e-004	6.8000e-004	6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713		
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003	0.0568	0.0568	0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801		
Single Family Housing	4.93466e+007	0.2661	2.2738	0.9676	0.0145	0.1838	0.1838	0.1838	0.1838	0.0000	2,633.3238	2,633.3238	0.0505	0.0483	2,649.3498		
Strip Mall	83600	4.5000e-004	4.1000e-003	3.4400e-003	2.0000e-005	3.1000e-004	3.1000e-004	3.1000e-004	3.1000e-004	0.0000	4.4612	4.4612	9.0000e-005	8.0000e-005	4.4884		

Total		0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508
														1			

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	244304	58.5777	2.4400e-003	6.6000e-004	58.8350
Elementary School	278399	66.7527	2.7800e-003	7.6000e-004	67.0460
Government Office Building	137500	32.9689	1.3700e-003	3.7000e-004	33.1137
Hotel	3.86813e+006	927.4744	0.0386	0.0105	931.5485
Single Family Housing	1.31093e+007	3,143.2691	0.1308	0.0357	3,157.0764
Strip Mall	527600	126.5045	5.2600e-003	1.4400e-003	127.0602
Total		4,355.5473	0.1813	0.0494	4,374.6797

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	227447	54.5357	2.2700e-003	6.2000e-004	54.7753

Elementary School	256428	61.4847	2.5600e-003	7.0000e-004	61.7548
Government Office Building	131005	31.4115	1.3100e-003	3.6000e-004	31.5495
Hotel	3.60198e+006	863.6584	0.0359	9.8000e-003	867.4521
Single Family Housing	1.22194e+007	2,929.8971	0.1219	0.0333	2,942.7672
Strip Mall	485660	116.4484	4.8500e-003	1.3200e-003	116.9599
Total		4,057.4358	0.1689	0.0461	4,075.2587

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw

	ROG	NOx	CO	SO2	Fugitive 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	32.0139	0.1647	14.2838	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7723	581.7723	0.0329	0.0102	585.6378
Unmitigated	32.0200	0.1657	14.3874	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9843	581.9843	0.0333	0.0102	585.8565

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	0.4879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.0432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4324	0.1657	14.3843	7.6000e-004		0.0798	0.0798		0.0798	0.0798	0.0000	23.5213	23.5213	0.0226	0.0000	23.9949
Total	32.0200	0.1657	14.3874	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9843	581.9843	0.0333	0.0102	585.8565

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	0.4879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.0432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4263	0.1646	14.2807	7.5000e-004		0.0792	0.0792		0.0792	0.0792	0.0000	23.3094	23.3094	0.0222	0.0000	23.7762
Total	32.0139	0.1646	14.2838	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7723	581.7723	0.0329	0.0102	585.6378

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			
Unmitigated	799.6246	4.5199	0.1146	930.0570
Mitigated	607.1128	3.6141	0.0911	711.2631

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	94.2668	3.9200e-003	1.0700e-003	94.6809
Condo/Townhouse	3.71378 / 2.3413	19.0099	0.1218	3.0600e-003	22.5153
Elementary School	1.45454 / 3.74026	14.9663	0.0480	1.2800e-003	16.3723
Government Office Building	1.9866 / 1.21759	10.0761	0.0651	1.6400e-003	11.9508
Hotel	5.07335 / 0.563706	18.9507	0.1660	4.1000e-003	23.7085
Single Family Housing	122.555 / 77.2628	627.3268	4.0179	0.1010	743.0052
Strip Mall	2.9629 / 1.81597	15.0280	0.0971	2.4400e-003	17.8240
Total		799.6246	4.5199	0.1146	930.0570

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 24.7709	65.9868	2.7500e-003	7.5000e-004	66.2766
Condo/Townhouse	2.97102 / 1.63891	14.5842	0.0974	2.4400e-003	17.3844
Elementary School	1.16364 / 2.61818	10.9767	0.0384	1.0100e-003	12.0965
Government Office Building	1.58928 / 0.852314	7.7365	0.0521	1.3000e-003	9.2341
Hotel	4.05868 / 0.394594	15.0104	0.1328	3.2700e-003	18.8141
Single Family Housing	98.0438 / 54.0839	481.2796	3.2131	0.0804	573.6852
Strip Mall	2.37032 / 1.27118	11.5386	0.0777	1.9400e-003	13.7722
Total		607.1128	3.6141	0.0911	711.2631

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	406.7728	24.0396	0.0000	911.6040

Unmitigated	508.4660	30.0495	0.0000	1,139.5050
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8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	26.22	5.3224	0.3146	0.0000	11.9279
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2205.8	447.7575	26.4617	0.0000	1,003.4533
Strip Mall	42	8.5256	0.5039	0.0000	19.1065
Total		508.4660	30.0495	0.0000	1,139.5050

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.04	0.4141	0.0245	0.0000	0.9280

Condo/Townhouse	20.976	4.2579	0.2516	0.0000	9.5423
Elementary School	87.6	17.7820	1.0509	0.0000	39.8506
Government Office Building	7.44	1.5103	0.0893	0.0000	3.3846
Hotel	87.6	17.7820	1.0509	0.0000	39.8506
Single Family Housing	1764.64	358.2060	21.1694	0.0000	802.7627
Strip Mall	33.6	6.8205	0.4031	0.0000	15.2852
Total		406.7728	24.0396	0.0000	911.6040

9.0 Operational Offroad

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

Otay Ranch Village 13, Mitigated, Optional Development Scenario, 2025
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	0.00	Dwelling Unit	0.00	0.00	0
Single Family Housing	1,938.00	Dwelling Unit	541.00	6,395,400.00	5543
Strip Mall	20.00	1000sqft	1.00	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	528.61	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Vehicle Trips - passby and diverted trips

Energy Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2496438	0
tblAreaCoating	Area_Residential_Exterior	4316895	0

tblAreaCoating	Area_Residential_Interior	12950685	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExterior	250	0
tblAreaMitigation	UseLowVOCPaintNonresidentialInterior	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	10,850.00	0.00
tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	NumDays	1,085.00	0.00
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	420.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblEnergyUse	T24E	206.69	158.53
tblEnergyUse	T24E	1.86	1.45
tblEnergyUse	T24E	5.69	4.45
tblEnergyUse	T24E	5.84	4.57
tblEnergyUse	T24E	425.62	270.69
tblEnergyUse	T24E	3.89	3.04
tblEnergyUse	T24NG	10,789.48	10,379.48
tblEnergyUse	T24NG	5.72	4.76
tblEnergyUse	T24NG	16.83	14.00
tblEnergyUse	T24NG	49.75	41.39
tblEnergyUse	T24NG	21,834.49	20,415.25
tblEnergyUse	T24NG	1.20	1.00

tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	NumberGas	0.00	57.00
tblFireplaces	NumberGas	1,065.90	1,881.00
tblFireplaces	NumberNoFireplace	0.00	5.70
tblFireplaces	NumberNoFireplace	193.80	188.10
tblFireplaces	NumberWood	678.30	0.00
tblLandUse	LandUseSquareFeet	3,488,400.00	6,395,400.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	629.22	541.00
tblLandUse	LotAcreage	0.46	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	528.61
tblProjectCharacteristics	OperationalYear	2014	2025

tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	5.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,394.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	279.00	0.00
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.7230e-003	0.01
tblVehicleEF	HHD	3.45	3.16
tblVehicleEF	HHD	1.27	1.37
tblVehicleEF	HHD	54.20	65.60
tblVehicleEF	HHD	527.66	528.33
tblVehicleEF	HHD	1,538.82	1,653.71
tblVehicleEF	HHD	49.32	50.38
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.27	3.96
tblVehicleEF	HHD	2.08	3.73
tblVehicleEF	HHD	3.65	4.25
tblVehicleEF	HHD	9.0700e-003	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	7.7400e-004	1.7690e-003
tblVehicleEF	HHD	8.3440e-003	9.2620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7210e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	7.1800e-004	1.5800e-003
tblVehicleEF	HHD	1.2540e-003	1.7100e-003
tblVehicleEF	HHD	0.07	0.10

tblVehicleEF	HHD	0.61	0.56
tblVehicleEF	HHD	1.2250e-003	1.6090e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.33	0.52
tblVehicleEF	HHD	1.38	2.25
tblVehicleEF	HHD	5.5930e-003	5.6010e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4410e-003	1.6590e-003
tblVehicleEF	HHD	1.2540e-003	1.7100e-003
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.70	0.64
tblVehicleEF	HHD	1.2250e-003	1.6090e-003
tblVehicleEF	HHD	0.24	0.26
tblVehicleEF	HHD	0.33	0.52
tblVehicleEF	HHD	1.47	2.40
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	9.7230e-003	0.01
tblVehicleEF	HHD	2.50	2.30
tblVehicleEF	HHD	1.28	1.38
tblVehicleEF	HHD	41.99	49.98
tblVehicleEF	HHD	559.01	559.72
tblVehicleEF	HHD	1,538.82	1,547.78
tblVehicleEF	HHD	49.32	50.38
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.37	4.09
tblVehicleEF	HHD	2.00	3.59
tblVehicleEF	HHD	3.48	4.04
tblVehicleEF	HHD	7.6460e-003	8.4870e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03

tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	7.7400e-004	1.7690e-003
tblVehicleEF	HHD	7.0340e-003	7.8080e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7210e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	7.1800e-004	1.5800e-003
tblVehicleEF	HHD	1.8980e-003	2.6610e-003
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.58	0.53
tblVehicleEF	HHD	2.1800e-003	3.0730e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.32	0.51
tblVehicleEF	HHD	1.18	1.85
tblVehicleEF	HHD	5.9260e-003	5.9330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2430e-003	1.4010e-003
tblVehicleEF	HHD	1.8980e-003	2.6610e-003
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	2.1800e-003	3.0730e-003
tblVehicleEF	HHD	0.25	0.26
tblVehicleEF	HHD	0.32	0.51
tblVehicleEF	HHD	1.25	1.97
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.7230e-003	0.01
tblVehicleEF	HHD	4.75	4.35
tblVehicleEF	HHD	1.26	1.37
tblVehicleEF	HHD	59.62	72.54
tblVehicleEF	HHD	484.37	484.98

tblVehicleEF	HHD	1,538.82	1,547.78
tblVehicleEF	HHD	49.32	50.38
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.12	3.78
tblVehicleEF	HHD	2.07	3.72
tblVehicleEF	HHD	3.73	4.34
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	7.7400e-004	1.7690e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7210e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	7.1800e-004	1.5800e-003
tblVehicleEF	HHD	1.0990e-003	1.5640e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.66	0.61
tblVehicleEF	HHD	1.0730e-003	1.4030e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.36	0.57
tblVehicleEF	HHD	1.47	2.43
tblVehicleEF	HHD	5.1350e-003	5.1410e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.5290e-003	1.7740e-003
tblVehicleEF	HHD	1.0990e-003	1.5640e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.75	0.69
tblVehicleEF	HHD	1.0730e-003	1.4030e-003

tblVehicleEF	HHD	0.24	0.26
tblVehicleEF	HHD	0.36	0.57
tblVehicleEF	HHD	1.57	2.59
tblVehicleEF	LDA	9.7290e-003	0.01
tblVehicleEF	LDA	6.8420e-003	8.5820e-003
tblVehicleEF	LDA	0.71	0.82
tblVehicleEF	LDA	1.59	1.98
tblVehicleEF	LDA	224.06	196.67
tblVehicleEF	LDA	47.36	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	2.0140e-003	1.8230e-003
tblVehicleEF	LDA	4.3870e-003	3.4360e-003
tblVehicleEF	LDA	1.8680e-003	1.6910e-003
tblVehicleEF	LDA	4.0710e-003	3.1870e-003
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.19	0.23
tblVehicleEF	LDA	0.12	0.15
tblVehicleEF	LDA	3.5660e-003	3.5610e-003
tblVehicleEF	LDA	7.6500e-004	7.7000e-004
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.19	0.23
tblVehicleEF	LDA	0.13	0.16

tblVehicleEF	LDA	9.7290e-003	0.01
tblVehicleEF	LDA	6.8420e-003	8.5820e-003
tblVehicleEF	LDA	0.80	0.92
tblVehicleEF	LDA	1.19	1.48
tblVehicleEF	LDA	236.86	258.13
tblVehicleEF	LDA	47.36	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	2.0140e-003	1.8230e-003
tblVehicleEF	LDA	4.3870e-003	3.4360e-003
tblVehicleEF	LDA	1.8680e-003	1.6910e-003
tblVehicleEF	LDA	4.0710e-003	3.1870e-003
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.18	0.21
tblVehicleEF	LDA	0.10	0.12
tblVehicleEF	LDA	3.7710e-003	3.7660e-003
tblVehicleEF	LDA	7.5800e-004	7.6100e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.18	0.21
tblVehicleEF	LDA	0.11	0.13
tblVehicleEF	LDA	9.7290e-003	0.01
tblVehicleEF	LDA	6.8420e-003	8.5820e-003
tblVehicleEF	LDA	0.69	0.81

tblVehicleEF	LDA	1.74	2.17
tblVehicleEF	LDA	221.74	241.74
tblVehicleEF	LDA	47.36	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	2.0140e-003	1.8230e-003
tblVehicleEF	LDA	4.3870e-003	3.4360e-003
tblVehicleEF	LDA	1.8680e-003	1.6910e-003
tblVehicleEF	LDA	4.0710e-003	3.1870e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.23	0.27
tblVehicleEF	LDA	0.13	0.16
tblVehicleEF	LDA	3.5290e-003	3.5240e-003
tblVehicleEF	LDA	7.6700e-004	7.7300e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.23	0.27
tblVehicleEF	LDA	0.14	0.17
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	9.8570e-003	0.02
tblVehicleEF	LDT1	1.09	1.56
tblVehicleEF	LDT1	2.47	3.69
tblVehicleEF	LDT1	276.45	242.86
tblVehicleEF	LDT1	58.84	63.53

tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.12	0.17
tblVehicleEF	LDT1	0.15	0.21
tblVehicleEF	LDT1	2.5610e-003	2.9460e-003
tblVehicleEF	LDT1	4.5840e-003	4.4870e-003
tblVehicleEF	LDT1	2.3760e-003	2.7320e-003
tblVehicleEF	LDT1	4.2530e-003	4.1620e-003
tblVehicleEF	LDT1	0.08	0.10
tblVehicleEF	LDT1	0.19	0.23
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.63	0.78
tblVehicleEF	LDT1	0.17	0.27
tblVehicleEF	LDT1	4.1390e-003	4.1300e-003
tblVehicleEF	LDT1	8.9600e-004	9.1200e-004
tblVehicleEF	LDT1	0.08	0.10
tblVehicleEF	LDT1	0.19	0.23
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.63	0.78
tblVehicleEF	LDT1	0.19	0.29
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	9.8570e-003	0.02
tblVehicleEF	LDT1	1.21	1.72
tblVehicleEF	LDT1	1.86	2.77
tblVehicleEF	LDT1	291.51	313.82
tblVehicleEF	LDT1	58.84	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.11	0.16
tblVehicleEF	LDT1	0.13	0.20

tblVehicleEF	LDT1	2.5610e-003	2.9460e-003
tblVehicleEF	LDT1	4.5840e-003	4.4870e-003
tblVehicleEF	LDT1	2.3760e-003	2.7320e-003
tblVehicleEF	LDT1	4.2530e-003	4.1620e-003
tblVehicleEF	LDT1	0.12	0.15
tblVehicleEF	LDT1	0.20	0.25
tblVehicleEF	LDT1	0.14	0.17
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.57	0.71
tblVehicleEF	LDT1	0.14	0.22
tblVehicleEF	LDT1	4.3670e-003	4.3560e-003
tblVehicleEF	LDT1	8.8600e-004	8.9600e-004
tblVehicleEF	LDT1	0.12	0.15
tblVehicleEF	LDT1	0.20	0.25
tblVehicleEF	LDT1	0.14	0.17
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.57	0.71
tblVehicleEF	LDT1	0.15	0.24
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	9.8570e-003	0.02
tblVehicleEF	LDT1	1.07	1.53
tblVehicleEF	LDT1	2.70	4.04
tblVehicleEF	LDT1	273.72	294.90
tblVehicleEF	LDT1	58.84	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.12	0.18
tblVehicleEF	LDT1	0.15	0.22
tblVehicleEF	LDT1	2.5610e-003	2.9460e-003
tblVehicleEF	LDT1	4.5840e-003	4.4870e-003
tblVehicleEF	LDT1	2.3760e-003	2.7320e-003

tblVehicleEF	LDT1	4.2530e-003	4.1620e-003
tblVehicleEF	LDT1	0.06	0.08
tblVehicleEF	LDT1	0.21	0.26
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.77	0.97
tblVehicleEF	LDT1	0.19	0.29
tblVehicleEF	LDT1	4.0980e-003	4.0890e-003
tblVehicleEF	LDT1	9.0000e-004	9.1800e-004
tblVehicleEF	LDT1	0.06	0.08
tblVehicleEF	LDT1	0.21	0.26
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.77	0.97
tblVehicleEF	LDT1	0.20	0.31
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	5.4980e-003	8.2780e-003
tblVehicleEF	LDT2	0.73	0.93
tblVehicleEF	LDT2	1.51	2.20
tblVehicleEF	LDT2	343.81	302.09
tblVehicleEF	LDT2	72.62	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.08	0.11
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	1.9610e-003	1.7600e-003
tblVehicleEF	LDT2	4.2550e-003	3.3350e-003
tblVehicleEF	LDT2	1.8200e-003	1.6320e-003
tblVehicleEF	LDT2	3.9480e-003	3.0930e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.11	0.13

tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.35	0.40
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	4.8490e-003	4.8440e-003
tblVehicleEF	LDT2	1.0330e-003	1.0420e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.35	0.40
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	5.4980e-003	8.2780e-003
tblVehicleEF	LDT2	0.82	1.04
tblVehicleEF	LDT2	1.13	1.65
tblVehicleEF	LDT2	362.93	384.93
tblVehicleEF	LDT2	72.62	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.11	0.17
tblVehicleEF	LDT2	1.9610e-003	1.7600e-003
tblVehicleEF	LDT2	4.2550e-003	3.3350e-003
tblVehicleEF	LDT2	1.8200e-003	1.6320e-003
tblVehicleEF	LDT2	3.9480e-003	3.0930e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.11	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.32	0.37

tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	5.1200e-003	5.1150e-003
tblVehicleEF	LDT2	1.0270e-003	1.0320e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.11	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.32	0.37
tblVehicleEF	LDT2	0.09	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	5.4980e-003	8.2780e-003
tblVehicleEF	LDT2	0.71	0.91
tblVehicleEF	LDT2	1.65	2.41
tblVehicleEF	LDT2	340.35	361.06
tblVehicleEF	LDT2	72.62	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.08	0.11
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	1.9610e-003	1.7600e-003
tblVehicleEF	LDT2	4.2550e-003	3.3350e-003
tblVehicleEF	LDT2	1.8200e-003	1.6320e-003
tblVehicleEF	LDT2	3.9480e-003	3.0930e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.42	0.49
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	4.8000e-003	4.7950e-003
tblVehicleEF	LDT2	1.0350e-003	1.0450e-003

tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.42	0.49
tblVehicleEF	LDT2	0.11	0.17
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.94	1.50
tblVehicleEF	LHD1	2.97	3.75
tblVehicleEF	LHD1	7.98	7.98
tblVehicleEF	LHD1	733.49	527.86
tblVehicleEF	LHD1	37.10	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.83	1.23
tblVehicleEF	LHD1	1.02	1.16
tblVehicleEF	LHD1	6.6900e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3730e-003	9.3720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.6500e-004	8.6400e-004
tblVehicleEF	LHD1	6.1500e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.2500e-004	8.0000e-004
tblVehicleEF	LHD1	1.7270e-003	2.0350e-003
tblVehicleEF	LHD1	0.06	0.07

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4850e-003	1.6100e-003
tblVehicleEF	LHD1	0.09	0.15
tblVehicleEF	LHD1	0.42	0.48
tblVehicleEF	LHD1	0.25	0.34
tblVehicleEF	LHD1	8.0690e-003	8.0840e-003
tblVehicleEF	LHD1	4.6600e-004	4.7500e-004
tblVehicleEF	LHD1	1.7270e-003	2.0350e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4850e-003	1.6100e-003
tblVehicleEF	LHD1	0.11	0.17
tblVehicleEF	LHD1	0.42	0.48
tblVehicleEF	LHD1	0.26	0.36
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.96	1.53
tblVehicleEF	LHD1	2.33	2.93
tblVehicleEF	LHD1	733.49	734.00
tblVehicleEF	LHD1	37.10	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.79	1.17
tblVehicleEF	LHD1	0.97	1.11
tblVehicleEF	LHD1	6.6900e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3730e-003	9.3720e-003
tblVehicleEF	LHD1	0.01	0.02

tblVehicleEF	LHD1	5.6500e-004	8.6400e-004
tblVehicleEF	LHD1	6.1500e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.2500e-004	8.0000e-004
tblVehicleEF	LHD1	2.5090e-003	2.9700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4990e-003	2.7670e-003
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tblVehicleEF	LHD1	0.41	0.46
tblVehicleEF	LHD1	0.22	0.29
tblVehicleEF	LHD1	8.0690e-003	8.0840e-003
tblVehicleEF	LHD1	4.5500e-004	4.6100e-004
tblVehicleEF	LHD1	2.5090e-003	2.9700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4990e-003	2.7670e-003
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tblVehicleEF	LHD1	0.41	0.46
tblVehicleEF	LHD1	0.23	0.31
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.94	1.49
tblVehicleEF	LHD1	3.26	4.11
tblVehicleEF	LHD1	733.49	734.00
tblVehicleEF	LHD1	37.10	36.60
tblVehicleEF	LHD1	0.04	0.04

tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.83	1.22
tblVehicleEF	LHD1	1.04	1.18
tblVehicleEF	LHD1	6.6900e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3730e-003	9.3720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.6500e-004	8.6400e-004
tblVehicleEF	LHD1	6.1500e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.2500e-004	8.0000e-004
tblVehicleEF	LHD1	1.5580e-003	1.8970e-003
tblVehicleEF	LHD1	0.07	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3090e-003	1.4220e-003
tblVehicleEF	LHD1	0.09	0.14
tblVehicleEF	LHD1	0.47	0.53
tblVehicleEF	LHD1	0.26	0.36
tblVehicleEF	LHD1	8.0680e-003	8.0830e-003
tblVehicleEF	LHD1	4.7100e-004	4.8200e-004
tblVehicleEF	LHD1	1.5580e-003	1.8970e-003
tblVehicleEF	LHD1	0.07	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3090e-003	1.4220e-003
tblVehicleEF	LHD1	0.11	0.17
tblVehicleEF	LHD1	0.47	0.53
tblVehicleEF	LHD1	0.28	0.38
tblVehicleEF	LHD2	8.4500e-004	8.7100e-004
tblVehicleEF	LHD2	8.4540e-003	0.01

tblVehicleEF	LHD2	6.7880e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.72	0.99
tblVehicleEF	LHD2	1.48	1.83
tblVehicleEF	LHD2	621.96	503.26
tblVehicleEF	LHD2	22.61	22.28
tblVehicleEF	LHD2	5.1990e-003	5.1400e-003
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tblVehicleEF	LHD2	1.15	1.78
tblVehicleEF	LHD2	0.58	0.66
tblVehicleEF	LHD2	1.2750e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.1600e-004	3.8000e-004
tblVehicleEF	LHD2	1.1730e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.0100e-004	3.5100e-004
tblVehicleEF	LHD2	7.6300e-004	9.4700e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0800e-004	7.9100e-004
tblVehicleEF	LHD2	0.09	0.13
tblVehicleEF	LHD2	0.17	0.22
tblVehicleEF	LHD2	0.12	0.17
tblVehicleEF	LHD2	6.7610e-003	6.7800e-003
tblVehicleEF	LHD2	2.7800e-004	2.8100e-004
tblVehicleEF	LHD2	7.6300e-004	9.4700e-004

tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0800e-004	7.9100e-004
tblVehicleEF	LHD2	0.10	0.15
tblVehicleEF	LHD2	0.17	0.22
tblVehicleEF	LHD2	0.13	0.18
tblVehicleEF	LHD2	8.4500e-004	8.7100e-004
tblVehicleEF	LHD2	8.4540e-003	0.01
tblVehicleEF	LHD2	6.7880e-003	9.6180e-003
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tblVehicleEF	LHD2	0.72	1.00
tblVehicleEF	LHD2	1.16	1.44
tblVehicleEF	LHD2	621.96	623.36
tblVehicleEF	LHD2	22.61	22.28
tblVehicleEF	LHD2	5.1990e-003	5.1400e-003
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tblVehicleEF	LHD2	1.11	1.72
tblVehicleEF	LHD2	0.55	0.63
tblVehicleEF	LHD2	1.2750e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.1600e-004	3.8000e-004
tblVehicleEF	LHD2	1.1730e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.0100e-004	3.5100e-004
tblVehicleEF	LHD2	1.1090e-003	1.3820e-003
tblVehicleEF	LHD2	0.03	0.04

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.1880e-003	1.3590e-003
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tblVehicleEF	LHD2	0.16	0.21
tblVehicleEF	LHD2	0.11	0.15
tblVehicleEF	LHD2	6.7610e-003	6.7800e-003
tblVehicleEF	LHD2	2.7200e-004	2.7400e-004
tblVehicleEF	LHD2	1.1090e-003	1.3820e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.1880e-003	1.3590e-003
tblVehicleEF	LHD2	0.10	0.15
tblVehicleEF	LHD2	0.16	0.21
tblVehicleEF	LHD2	0.11	0.16
tblVehicleEF	LHD2	8.4500e-004	8.7100e-004
tblVehicleEF	LHD2	8.4540e-003	0.01
tblVehicleEF	LHD2	6.7880e-003	9.6180e-003
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tblVehicleEF	LHD2	0.72	0.98
tblVehicleEF	LHD2	1.62	2.01
tblVehicleEF	LHD2	621.96	623.36
tblVehicleEF	LHD2	22.61	22.28
tblVehicleEF	LHD2	5.1990e-003	5.1400e-003
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tblVehicleEF	LHD2	1.15	1.78
tblVehicleEF	LHD2	0.59	0.67
tblVehicleEF	LHD2	1.2750e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	2.1600e-004	3.8000e-004
tblVehicleEF	LHD2	1.1730e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.0100e-004	3.5100e-004
tblVehicleEF	LHD2	6.6800e-004	8.6500e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2100e-004	6.9500e-004
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tblVehicleEF	LHD2	0.19	0.24
tblVehicleEF	LHD2	0.13	0.18
tblVehicleEF	LHD2	6.7610e-003	6.7800e-003
tblVehicleEF	LHD2	2.8000e-004	2.8400e-004
tblVehicleEF	LHD2	6.6800e-004	8.6500e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2100e-004	6.9500e-004
tblVehicleEF	LHD2	0.10	0.15
tblVehicleEF	LHD2	0.19	0.24
tblVehicleEF	LHD2	0.14	0.19
tblVehicleEF	MCY	25.73	28.19
tblVehicleEF	MCY	10.40	10.27
tblVehicleEF	MCY	158.11	132.24
tblVehicleEF	MCY	37.09	38.51
tblVehicleEF	MCY	6.5110e-003	6.5640e-003
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.9400e-004	3.9100e-004

tblVehicleEF	MCY	7.2800e-004	9.6800e-004
tblVehicleEF	MCY	2.5300e-004	3.2800e-004
tblVehicleEF	MCY	6.2700e-004	8.0400e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.52	0.52
tblVehicleEF	MCY	2.83	2.95
tblVehicleEF	MCY	1.16	1.26
tblVehicleEF	MCY	2.08	2.11
tblVehicleEF	MCY	2.2490e-003	2.2740e-003
tblVehicleEF	MCY	6.4100e-004	6.5600e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.52	0.52
tblVehicleEF	MCY	3.09	3.22
tblVehicleEF	MCY	1.16	1.26
tblVehicleEF	MCY	2.23	2.27
tblVehicleEF	MCY	24.34	26.61
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tblVehicleEF	MCY	158.11	156.52
tblVehicleEF	MCY	37.09	38.51
tblVehicleEF	MCY	6.5110e-003	6.5640e-003
tblVehicleEF	MCY	1.10	1.11
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.9400e-004	3.9100e-004
tblVehicleEF	MCY	7.2800e-004	9.6800e-004
tblVehicleEF	MCY	2.5300e-004	3.2800e-004
tblVehicleEF	MCY	6.2700e-004	8.0400e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.44	0.46

tblVehicleEF	MCY	1.10	1.11
tblVehicleEF	MCY	2.76	2.86
tblVehicleEF	MCY	1.04	1.13
tblVehicleEF	MCY	1.79	1.81
tblVehicleEF	MCY	2.2250e-003	2.2460e-003
tblVehicleEF	MCY	6.0700e-004	6.2300e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.44	0.46
tblVehicleEF	MCY	1.10	1.11
tblVehicleEF	MCY	3.01	3.12
tblVehicleEF	MCY	1.04	1.13
tblVehicleEF	MCY	1.92	1.94
tblVehicleEF	MCY	26.66	29.25
tblVehicleEF	MCY	11.11	10.95
tblVehicleEF	MCY	158.11	156.52
tblVehicleEF	MCY	37.09	38.51
tblVehicleEF	MCY	6.5110e-003	6.5640e-003
tblVehicleEF	MCY	1.23	1.25
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	2.9400e-004	3.9100e-004
tblVehicleEF	MCY	7.2800e-004	9.6800e-004
tblVehicleEF	MCY	2.5300e-004	3.2800e-004
tblVehicleEF	MCY	6.2700e-004	8.0400e-004
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tblVehicleEF	MCY	0.50	0.53
tblVehicleEF	MCY	0.39	0.40
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tblVehicleEF	MCY	2.21	2.25
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tblVehicleEF	MCY	6.5600e-004	6.7100e-004
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tblVehicleEF	MCY	0.50	0.53
tblVehicleEF	MCY	0.39	0.40
tblVehicleEF	MCY	3.14	3.27
tblVehicleEF	MCY	1.46	1.56
tblVehicleEF	MCY	2.37	2.41
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	1.20	1.68
tblVehicleEF	MDV	2.97	4.19
tblVehicleEF	MDV	461.65	405.58
tblVehicleEF	MDV	97.53	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.16	0.22
tblVehicleEF	MDV	0.26	0.38
tblVehicleEF	MDV	3.9950e-003	3.4670e-003
tblVehicleEF	MDV	1.8930e-003	1.8870e-003
tblVehicleEF	MDV	3.7070e-003	3.2110e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.19	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.56	0.60
tblVehicleEF	MDV	0.23	0.34
tblVehicleEF	MDV	6.2010e-003	6.1880e-003
tblVehicleEF	MDV	1.3330e-003	1.3480e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.19	0.20
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.56	0.60
tblVehicleEF	MDV	0.24	0.36
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	1.34	1.86
tblVehicleEF	MDV	2.22	3.15
tblVehicleEF	MDV	487.06	516.30
tblVehicleEF	MDV	97.53	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.14	0.21
tblVehicleEF	MDV	0.24	0.35
tblVehicleEF	MDV	3.9950e-003	3.4670e-003
tblVehicleEF	MDV	1.8930e-003	1.8870e-003
tblVehicleEF	MDV	3.7070e-003	3.2110e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.52	0.56
tblVehicleEF	MDV	0.19	0.28
tblVehicleEF	MDV	6.5450e-003	6.5290e-003
tblVehicleEF	MDV	1.3200e-003	1.3290e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.52	0.56
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	0.02	0.02

tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	1.18	1.66
tblVehicleEF	MDV	3.25	4.58
tblVehicleEF	MDV	457.05	484.72
tblVehicleEF	MDV	97.53	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.16	0.23
tblVehicleEF	MDV	0.27	0.40
tblVehicleEF	MDV	3.9950e-003	3.4670e-003
tblVehicleEF	MDV	1.8930e-003	1.8870e-003
tblVehicleEF	MDV	3.7070e-003	3.2110e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.20	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.67	0.72
tblVehicleEF	MDV	0.24	0.36
tblVehicleEF	MDV	6.1390e-003	6.1260e-003
tblVehicleEF	MDV	1.3380e-003	1.3540e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.20	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.67	0.72
tblVehicleEF	MDV	0.26	0.39
tblVehicleEF	MH	0.75	2.03
tblVehicleEF	MH	4.89	6.63
tblVehicleEF	MH	681.53	633.03
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4310e-003	3.4460e-003

tblVehicleEF	MH	1.02	1.38
tblVehicleEF	MH	0.60	0.74
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5460e-003	8.5470e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.6700e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.4100e-004	6.6300e-004
tblVehicleEF	MH	0.53	0.81
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.33	0.44
tblVehicleEF	MH	0.05	0.10
tblVehicleEF	MH	1.08	1.79
tblVehicleEF	MH	0.27	0.37
tblVehicleEF	MH	7.4980e-003	7.5150e-003
tblVehicleEF	MH	3.9700e-004	4.2900e-004
tblVehicleEF	MH	0.53	0.81
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.33	0.44
tblVehicleEF	MH	0.07	0.12
tblVehicleEF	MH	1.08	1.79
tblVehicleEF	MH	0.28	0.39
tblVehicleEF	MH	0.76	2.09
tblVehicleEF	MH	3.80	5.08
tblVehicleEF	MH	681.53	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4310e-003	3.4460e-003
tblVehicleEF	MH	0.97	1.30
tblVehicleEF	MH	0.57	0.71

tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5460e-003	8.5470e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.6700e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.4100e-004	6.6300e-004
tblVehicleEF	MH	0.74	1.11
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.57	0.76
tblVehicleEF	MH	0.05	0.10
tblVehicleEF	MH	1.04	1.74
tblVehicleEF	MH	0.23	0.31
tblVehicleEF	MH	7.4980e-003	7.5160e-003
tblVehicleEF	MH	3.7900e-004	4.0300e-004
tblVehicleEF	MH	0.74	1.11
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.57	0.76
tblVehicleEF	MH	0.07	0.12
tblVehicleEF	MH	1.04	1.74
tblVehicleEF	MH	0.25	0.33
tblVehicleEF	MH	0.74	2.01
tblVehicleEF	MH	5.39	7.33
tblVehicleEF	MH	681.53	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4310e-003	3.4460e-003
tblVehicleEF	MH	1.02	1.38
tblVehicleEF	MH	0.61	0.76
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5460e-003	8.5470e-003

tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.6700e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.4100e-004	6.6300e-004
tblVehicleEF	MH	0.53	0.84
tblVehicleEF	MH	0.05	0.09
tblVehicleEF	MH	0.30	0.41
tblVehicleEF	MH	0.05	0.10
tblVehicleEF	MH	1.16	1.92
tblVehicleEF	MH	0.28	0.39
tblVehicleEF	MH	7.4980e-003	7.5140e-003
tblVehicleEF	MH	4.0500e-004	4.4100e-004
tblVehicleEF	MH	0.53	0.84
tblVehicleEF	MH	0.05	0.09
tblVehicleEF	MH	0.30	0.41
tblVehicleEF	MH	0.07	0.12
tblVehicleEF	MH	1.16	1.92
tblVehicleEF	MH	0.30	0.42
tblVehicleEF	MHD	8.2380e-003	7.6150e-003
tblVehicleEF	MHD	4.5560e-003	5.1900e-003
tblVehicleEF	MHD	2.10	1.91
tblVehicleEF	MHD	0.50	0.77
tblVehicleEF	MHD	11.39	16.82
tblVehicleEF	MHD	572.68	572.06
tblVehicleEF	MHD	991.19	998.26
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.30	4.60
tblVehicleEF	MHD	0.94	1.79

tblVehicleEF	MHD	1.30	1.78
tblVehicleEF	MHD	7.6210e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.9300e-004	1.6820e-003
tblVehicleEF	MHD	7.0120e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8440e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.2900e-004	1.5330e-003
tblVehicleEF	MHD	1.5330e-003	2.1230e-003
tblVehicleEF	MHD	0.07	0.09
tblVehicleEF	MHD	0.18	0.16
tblVehicleEF	MHD	1.3280e-003	1.6670e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.40	0.48
tblVehicleEF	MHD	0.66	0.98
tblVehicleEF	MHD	6.0710e-003	6.0640e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.4700e-004	8.4700e-004
tblVehicleEF	MHD	1.5330e-003	2.1230e-003
tblVehicleEF	MHD	0.07	0.09
tblVehicleEF	MHD	0.20	0.19
tblVehicleEF	MHD	1.3280e-003	1.6670e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.40	0.48
tblVehicleEF	MHD	0.71	1.04
tblVehicleEF	MHD	7.7630e-003	7.1760e-003
tblVehicleEF	MHD	4.5560e-003	5.1900e-003

tblVehicleEF	MHD	1.52	1.39
tblVehicleEF	MHD	0.50	0.78
tblVehicleEF	MHD	8.88	12.98
tblVehicleEF	MHD	606.71	606.05
tblVehicleEF	MHD	991.19	995.11
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.41	4.74
tblVehicleEF	MHD	0.91	1.72
tblVehicleEF	MHD	1.24	1.70
tblVehicleEF	MHD	6.4250e-003	9.7830e-003
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.9300e-004	1.6820e-003
tblVehicleEF	MHD	5.9110e-003	9.0000e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8440e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.2900e-004	1.5330e-003
tblVehicleEF	MHD	2.2580e-003	3.1680e-003
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	0.17	0.15
tblVehicleEF	MHD	2.2890e-003	3.0070e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.38	0.47
tblVehicleEF	MHD	0.57	0.83
tblVehicleEF	MHD	6.4310e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.0400e-004	7.8200e-004

tblVehicleEF	MHD	2.2580e-003	3.1680e-003
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	2.2890e-003	3.0070e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.38	0.47
tblVehicleEF	MHD	0.61	0.89
tblVehicleEF	MHD	8.8930e-003	8.2210e-003
tblVehicleEF	MHD	4.5560e-003	5.1900e-003
tblVehicleEF	MHD	2.89	2.63
tblVehicleEF	MHD	0.50	0.77
tblVehicleEF	MHD	12.51	18.52
tblVehicleEF	MHD	525.70	525.12
tblVehicleEF	MHD	991.19	995.11
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.16	4.39
tblVehicleEF	MHD	0.94	1.78
tblVehicleEF	MHD	1.33	1.82
tblVehicleEF	MHD	9.2740e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.9300e-004	1.6820e-003
tblVehicleEF	MHD	8.5320e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8440e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.2900e-004	1.5330e-003
tblVehicleEF	MHD	1.3870e-003	2.0010e-003

tblVehicleEF	MHD	0.08	0.11
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	1.1680e-003	1.4670e-003
tblVehicleEF	MHD	0.11	0.13
tblVehicleEF	MHD	0.45	0.54
tblVehicleEF	MHD	0.70	1.04
tblVehicleEF	MHD	5.5730e-003	5.5670e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6600e-004	8.7600e-004
tblVehicleEF	MHD	1.3870e-003	2.0010e-003
tblVehicleEF	MHD	0.08	0.11
tblVehicleEF	MHD	0.22	0.20
tblVehicleEF	MHD	1.1680e-003	1.4670e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.45	0.54
tblVehicleEF	MHD	0.75	1.11
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.8580e-003	2.8860e-003
tblVehicleEF	OBUS	3.30	2.74
tblVehicleEF	OBUS	0.84	1.34
tblVehicleEF	OBUS	8.05	10.77
tblVehicleEF	OBUS	533.44	534.88
tblVehicleEF	OBUS	1,036.55	1,037.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.8890e-003	1.8710e-003
tblVehicleEF	OBUS	3.20	4.65
tblVehicleEF	OBUS	1.10	2.33
tblVehicleEF	OBUS	1.15	1.52
tblVehicleEF	OBUS	8.7930e-003	9.5470e-003
tblVehicleEF	OBUS	0.09	0.09

tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	4.7500e-004	6.9800e-004
tblVehicleEF	OBUS	8.0890e-003	8.7830e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6110e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.4100e-004	6.4300e-004
tblVehicleEF	OBUS	7.0700e-004	7.6500e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.56	0.47
tblVehicleEF	OBUS	5.1500e-004	5.2600e-004
tblVehicleEF	OBUS	0.12	0.15
tblVehicleEF	OBUS	0.29	0.30
tblVehicleEF	OBUS	0.49	0.65
tblVehicleEF	OBUS	5.6550e-003	5.6700e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.0500e-004	5.5400e-004
tblVehicleEF	OBUS	7.0700e-004	7.6500e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.64	0.53
tblVehicleEF	OBUS	5.1500e-004	5.2600e-004
tblVehicleEF	OBUS	0.14	0.18
tblVehicleEF	OBUS	0.29	0.30
tblVehicleEF	OBUS	0.52	0.70
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.8580e-003	2.8860e-003
tblVehicleEF	OBUS	2.40	1.99
tblVehicleEF	OBUS	0.85	1.37
tblVehicleEF	OBUS	6.28	8.39

tblVehicleEF	OBUS	565.14	566.66
tblVehicleEF	OBUS	1,036.55	1,037.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.8890e-003	1.8710e-003
tblVehicleEF	OBUS	3.30	4.79
tblVehicleEF	OBUS	1.05	2.23
tblVehicleEF	OBUS	1.09	1.45
tblVehicleEF	OBUS	7.4120e-003	8.0480e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	4.7500e-004	6.9800e-004
tblVehicleEF	OBUS	6.8190e-003	7.4040e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6110e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.4100e-004	6.4300e-004
tblVehicleEF	OBUS	9.9900e-004	1.0830e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.53	0.44
tblVehicleEF	OBUS	9.1000e-004	9.5200e-004
tblVehicleEF	OBUS	0.12	0.15
tblVehicleEF	OBUS	0.28	0.29
tblVehicleEF	OBUS	0.42	0.57
tblVehicleEF	OBUS	5.9910e-003	6.0070e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.7500e-004	5.1300e-004
tblVehicleEF	OBUS	9.9900e-004	1.0830e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50

tblVehicleEF	OBUS	9.1000e-004	9.5200e-004
tblVehicleEF	OBUS	0.14	0.18
tblVehicleEF	OBUS	0.28	0.29
tblVehicleEF	OBUS	0.45	0.60
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.8580e-003	2.8860e-003
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tblVehicleEF	OBUS	0.83	1.33
tblVehicleEF	OBUS	8.85	11.83
tblVehicleEF	OBUS	489.68	491.00
tblVehicleEF	OBUS	1,036.55	1,037.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.8890e-003	1.8710e-003
tblVehicleEF	OBUS	3.06	4.44
tblVehicleEF	OBUS	1.10	2.33
tblVehicleEF	OBUS	1.17	1.56
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	4.7500e-004	6.9800e-004
tblVehicleEF	OBUS	9.8430e-003	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6110e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	4.4100e-004	6.4300e-004
tblVehicleEF	OBUS	6.5800e-004	7.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	4.6200e-004	4.7600e-004

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tblVehicleEF	OBUS	0.31	0.32
tblVehicleEF	OBUS	0.52	0.69
tblVehicleEF	OBUS	5.1910e-003	5.2050e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	5.1800e-004	5.7200e-004
tblVehicleEF	OBUS	6.5800e-004	7.3600e-004
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.69	0.57
tblVehicleEF	OBUS	4.6200e-004	4.7600e-004
tblVehicleEF	OBUS	0.14	0.18
tblVehicleEF	OBUS	0.31	0.32
tblVehicleEF	OBUS	0.55	0.74
tblVehicleEF	SBUS	5.0590e-003	4.4530e-003
tblVehicleEF	SBUS	6.1960e-003	5.3930e-003
tblVehicleEF	SBUS	1.25	1.05
tblVehicleEF	SBUS	3.15	4.24
tblVehicleEF	SBUS	27.10	34.11
tblVehicleEF	SBUS	558.63	547.00
tblVehicleEF	SBUS	1,011.31	941.94
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	5.3400e-004	5.8600e-004
tblVehicleEF	SBUS	6.92	7.58
tblVehicleEF	SBUS	5.99	7.00
tblVehicleEF	SBUS	2.22	2.59
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.53	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4270e-003	5.1810e-003

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7000e-003	2.7220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.1800e-003	4.6650e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.18	0.21
tblVehicleEF	SBUS	0.11	0.10
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.33	0.39
tblVehicleEF	SBUS	1.47	1.58
tblVehicleEF	SBUS	1.70	2.21
tblVehicleEF	SBUS	5.9220e-003	5.7980e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7580e-003	1.9000e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.18	0.21
tblVehicleEF	SBUS	0.12	0.11
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.37	0.43
tblVehicleEF	SBUS	1.47	1.58
tblVehicleEF	SBUS	1.81	2.36
tblVehicleEF	SBUS	4.7680e-003	4.1970e-003
tblVehicleEF	SBUS	6.1960e-003	5.3930e-003
tblVehicleEF	SBUS	0.91	0.76
tblVehicleEF	SBUS	3.24	4.29
tblVehicleEF	SBUS	22.48	28.32
tblVehicleEF	SBUS	591.82	579.49
tblVehicleEF	SBUS	1,011.31	1,024.49
tblVehicleEF	SBUS	115.30	116.73

tblVehicleEF	SBUS	5.3400e-004	5.8600e-004
tblVehicleEF	SBUS	7.14	7.82
tblVehicleEF	SBUS	5.75	6.72
tblVehicleEF	SBUS	2.08	2.42
tblVehicleEF	SBUS	9.2660e-003	0.01
tblVehicleEF	SBUS	0.53	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4270e-003	5.1810e-003
tblVehicleEF	SBUS	8.5250e-003	0.01
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7000e-003	2.7220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.1800e-003	4.6650e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.19	0.21
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.34	0.39
tblVehicleEF	SBUS	1.32	1.43
tblVehicleEF	SBUS	1.51	1.95
tblVehicleEF	SBUS	6.2740e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6790e-003	1.8010e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.19	0.21
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.38	0.44
tblVehicleEF	SBUS	1.32	1.43

tblVehicleEF	SBUS	1.61	2.08
tblVehicleEF	SBUS	5.4620e-003	4.8080e-003
tblVehicleEF	SBUS	6.1960e-003	5.3930e-003
tblVehicleEF	SBUS	1.72	1.45
tblVehicleEF	SBUS	3.11	4.22
tblVehicleEF	SBUS	29.38	36.98
tblVehicleEF	SBUS	512.80	502.12
tblVehicleEF	SBUS	1,011.31	1,024.49
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	5.3400e-004	5.8600e-004
tblVehicleEF	SBUS	6.61	7.24
tblVehicleEF	SBUS	5.97	6.98
tblVehicleEF	SBUS	2.28	2.67
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.53	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4270e-003	5.1810e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7000e-003	2.7220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.1800e-003	4.6650e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.21	0.26
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.38
tblVehicleEF	SBUS	1.79	1.93
tblVehicleEF	SBUS	1.79	2.34

tblVehicleEF	SBUS	5.4360e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7960e-003	1.9490e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.21	0.26
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.36	0.43
tblVehicleEF	SBUS	1.79	1.93
tblVehicleEF	SBUS	1.91	2.50
tblVehicleEF	UBUS	2.81	3.03
tblVehicleEF	UBUS	5.20	5.66
tblVehicleEF	UBUS	1,960.19	1,941.11
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0270e-003	2.0620e-003
tblVehicleEF	UBUS	10.15	11.05
tblVehicleEF	UBUS	0.86	0.89
tblVehicleEF	UBUS	0.18	0.19
tblVehicleEF	UBUS	2.0000e-004	2.0500e-004
tblVehicleEF	UBUS	0.16	0.18
tblVehicleEF	UBUS	1.8500e-004	1.9000e-004
tblVehicleEF	UBUS	1.9540e-003	1.9740e-003
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.8470e-003	1.8420e-003
tblVehicleEF	UBUS	0.54	0.58
tblVehicleEF	UBUS	0.38	0.32
tblVehicleEF	UBUS	0.51	0.52
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5000e-004	3.5800e-004
tblVehicleEF	UBUS	1.9540e-003	1.9740e-003

tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.8470e-003	1.8420e-003
tblVehicleEF	UBUS	0.61	0.66
tblVehicleEF	UBUS	0.38	0.32
tblVehicleEF	UBUS	0.54	0.56
tblVehicleEF	UBUS	2.84	3.06
tblVehicleEF	UBUS	4.28	4.66
tblVehicleEF	UBUS	1,960.19	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0270e-003	2.0620e-003
tblVehicleEF	UBUS	9.79	10.66
tblVehicleEF	UBUS	0.81	0.85
tblVehicleEF	UBUS	0.18	0.19
tblVehicleEF	UBUS	2.0000e-004	2.0500e-004
tblVehicleEF	UBUS	0.16	0.18
tblVehicleEF	UBUS	1.8500e-004	1.9000e-004
tblVehicleEF	UBUS	2.3750e-003	2.4040e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	3.2490e-003	3.2720e-003
tblVehicleEF	UBUS	0.54	0.59
tblVehicleEF	UBUS	0.34	0.29
tblVehicleEF	UBUS	0.45	0.47
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.3400e-004	3.4100e-004
tblVehicleEF	UBUS	2.3750e-003	2.4040e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	3.2490e-003	3.2720e-003
tblVehicleEF	UBUS	0.61	0.66
tblVehicleEF	UBUS	0.34	0.29
tblVehicleEF	UBUS	0.48	0.50

tblVehicleEF	UBUS	2.80	3.02
tblVehicleEF	UBUS	5.60	6.10
tblVehicleEF	UBUS	1,960.19	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0270e-003	2.0620e-003
tblVehicleEF	UBUS	10.10	11.00
tblVehicleEF	UBUS	0.88	0.91
tblVehicleEF	UBUS	0.18	0.19
tblVehicleEF	UBUS	2.0000e-004	2.0500e-004
tblVehicleEF	UBUS	0.16	0.18
tblVehicleEF	UBUS	1.8500e-004	1.9000e-004
tblVehicleEF	UBUS	1.8620e-003	1.8930e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6830e-003	1.6820e-003
tblVehicleEF	UBUS	0.54	0.58
tblVehicleEF	UBUS	0.48	0.40
tblVehicleEF	UBUS	0.53	0.55
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5700e-004	3.6600e-004
tblVehicleEF	UBUS	1.8620e-003	1.8930e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6830e-003	1.6820e-003
tblVehicleEF	UBUS	0.60	0.66
tblVehicleEF	UBUS	0.48	0.40
tblVehicleEF	UBUS	0.57	0.59
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00
tblVehicleTrips	ST_TR	10.08	10.00

tblVehicleTrips	ST_TR	42.04	120.00
tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00
tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	30
tblWoodstoves	NumberCatalytic	96.90	0.00
tblWoodstoves	NumberNoncatalytic	96.90	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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
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Category	tons/yr										MT/yr					
Area	32.4481	0.1657	14.3872	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9839	581.9839	0.0333	0.0102	585.8561
Energy	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	7,881.4885	7,881.4885	0.2483	0.1143	7,922.1242
Mobile	13.0644	27.5166	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	20,847.4046	20,847.4046	0.9347	0.0000	20,867.0331
Waste						0.0000	0.0000		0.0000	0.0000	512.4466	0.0000	512.4466	30.2847	0.0000	1,148.4259
Water						0.0000	0.0000		0.0000	0.0000	43.2304	748.8802	792.1106	4.4714	0.1133	921.1450
Total	45.8714	30.7960	147.3559	0.3742	24.3027	0.7742	25.0770	6.4998	0.7423	7.2421	555.6771	30,059.7572	30,615.4342	35.9723	0.2379	31,444.5844

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	32.4420	0.1647	14.2836	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7720	581.7720	0.0329	0.0102	585.6374
Energy	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	7,585.9812	7,585.9812	0.2360	0.1109	7,625.3189
Mobile	13.0644	27.5166	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	20,847.4046	20,847.4046	0.9347	0.0000	20,867.0331
Waste						0.0000	0.0000		0.0000	0.0000	409.9573	0.0000	409.9573	24.2278	0.0000	918.7407
Water						0.0000	0.0000		0.0000	0.0000	34.5843	566.7591	601.3435	3.5752	0.0902	704.3770
Total	45.8653	30.7950	147.2522	0.3741	24.3027	0.7736	25.0764	6.4998	0.7417	7.2415	444.5416	29,581.9169	30,026.4585	29.0066	0.2113	30,701.1072

	ROG	NOx	CO	SO2	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	0.01	0.00	0.07	0.00	0.00	0.08	0.00	0.00	0.08	0.01	20.00	1.59	1.92	19.36	11.15	2.36

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,950,685; Residential Outdoor: 4,316,895; Non-Residential Indoor: 2,496,441; Non-Residential Outdoor: 832,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	13.0644	27.5166	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	20,847.4046	20,847.4046	0.9347	0.0000	20,867.0331
Unmitigated	13.0644	27.5166	131.3241	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	20,847.4046	20,847.4046	0.9347	0.0000	20,867.0331

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026
Condo/Townhouse	0.00	0.00	0.00		
Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	19,380.00	19,380.00	19380.00	55,335,779	55,335,779
Strip Mall	2,400.00	2,400.00	2400.00	3,696,079	3,696,079
Total	24,909.50	24,009.50	24,009.50	64,631,092	64,631,092

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300	0.073549	0.191092	0.130830	0.036094	0.005140	0.012550	0.022916	0.001871	0.002062	0.006564	0.000586	0.003446

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

- Install High Efficiency Lighting
- Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive 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					
NaturalGas Mitigated	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406
NaturalGas Unmitigated	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,033.4607	4,033.4607	0.1679	0.0458	4,051.1782
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,328.9680	4,328.9680	0.1802	0.0491	4,347.9836

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					

City Park	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005	9.8000e-004	9.8000e-004	9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120	
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005	6.8000e-004	6.8000e-004	6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713	
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003	0.0568	0.0568	0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801	
Single Family Housing	5.0842e+007	0.2742	2.3427	0.9969	0.0150	0.1894	0.1894	0.1894	0.1894	0.0000	2,713.1215	2,713.1215	0.0520	0.0497	2,729.6331	
Strip Mall	41800	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005	1.6000e-004	1.6000e-004	1.6000e-004	1.6000e-004	0.0000	2.2306	2.2306	4.0000e-005	4.0000e-005	2.2442	
Total		0.3590	3.1138	1.6446	0.0196	0.2480	0.2480	0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406	

Mitigated

	NaturalGa s 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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003		0.0568	0.0568		0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801
Single Family Housing	5.0842e+007	0.2742	2.3427	0.9969	0.0150		0.1894	0.1894		0.1894	0.1894	0.0000	2,713.1215	2,713.1215	0.0520	0.0497	2,729.6331
Strip Mall	41800	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2306	2.2306	4.0000e-005	4.0000e-005	2.2442
Total		0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	278399	66.7527	2.7800e-003	7.6000e-004	67.0460
Government Office Building	137500	32.9689	1.3700e-003	3.7000e-004	33.1137
Hotel	3.86813e+006	927.4744	0.0386	0.0105	931.5485
Single Family Housing	1.35066e+007	3,238.5197	0.1348	0.0368	3,252.7454
Strip Mall	263800	63.2522	2.6300e-003	7.2000e-004	63.5301
Total		4,328.9680	0.1802	0.0491	4,347.9836

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	256428	61.4847	2.5600e-003	7.0000e-004	61.7548
Government Office Building	131005	31.4115	1.3100e-003	3.6000e-004	31.5495

Hotel	3.60198e+006	863.6584	0.0359	9.8000e-003	867.4521
Single Family Housing	1.25897e+007	3,018.6819	0.1256	0.0343	3,031.9419
Strip Mall	242830	58.2242	2.4200e-003	6.6000e-004	58.4800
Total		4,033.4607	0.1679	0.0458	4,051.1782

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw

	ROG	NOx	CO	SO2	Fugitive 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	32.4420	0.1647	14.2836	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7720	581.7720	0.0329	0.0102	585.6374
Unmitigated	32.4481	0.1657	14.3872	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9839	581.9839	0.0333	0.0102	585.8561

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	0.4821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4324	0.1657	14.3841	7.6000e-004		0.0798	0.0798		0.0798	0.0798	0.0000	23.5210	23.5210	0.0226	0.0000	23.9945
Total	32.4481	0.1657	14.3872	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9839	581.9839	0.0333	0.0102	585.8561

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	0.4821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4263	0.1646	14.2805	7.5000e-004		0.0792	0.0792		0.0792	0.0792	0.0000	23.3090	23.3090	0.0222	0.0000	23.7758
Total	32.4420	0.1646	14.2836	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7720	581.7720	0.0329	0.0102	585.6374

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			
Unmitigated	792.1106	4.4714	0.1133	921.1450
Mitigated	601.3435	3.5752	0.0902	704.3770

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	94.2668	3.9200e-003	1.0700e-003	94.6809
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.45454 / 3.74026	14.9663	0.0480	1.2800e-003	16.3723
Government Office Building	1.9866 / 1.21759	10.0761	0.0651	1.6400e-003	11.9508
Hotel	5.07335 / 0.563706	18.9507	0.1660	4.1000e-003	23.7085
Single Family Housing	126.269 / 79.6041	646.3367	4.1397	0.1040	765.5205
Strip Mall	1.48145 / 0.907986	7.5140	0.0486	1.2200e-003	8.9120
Total		792.1106	4.4714	0.1133	921.1450

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 24.7709	65.9868	2.7500e-003	7.5000e-004	66.2766
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.16364 / 2.61818	10.9767	0.0384	1.0100e-003	12.0965
Government Office Building	1.58928 / 0.852314	7.7365	0.0521	1.3000e-003	9.2341
Hotel	4.05868 / 0.394594	15.0104	0.1328	3.2700e-003	18.8141
Single Family Housing	101.015 / 55.7228	495.8638	3.3104	0.0829	591.0696
Strip Mall	1.18516 / 0.63559	5.7693	0.0388	9.7000e-004	6.8861
Total		601.3435	3.5753	0.0902	704.3770

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	409.9573	24.2278	0.0000	918.7407
Unmitigated	512.4466	30.2847	0.0000	1,148.4259

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2272.63	461.3234	27.2634	0.0000	1,033.8554
Strip Mall	21	4.2628	0.2519	0.0000	9.5532
Total		512.4466	30.2847	0.0000	1,148.4259

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.04	0.4141	0.0245	0.0000	0.9280
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000

Elementary School	87.6	17.7820	1.0509	0.0000	39.8506
Government Office Building	7.44	1.5103	0.0893	0.0000	3.3846
Hotel	87.6	17.7820	1.0509	0.0000	39.8506
Single Family Housing	1818.1	369.0587	21.8107	0.0000	827.0843
Strip Mall	16.8	3.4103	0.2015	0.0000	7.6426
Total		409.9573	24.2278	0.0000	918.7407

9.0 Operational Offroad

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

Otay Ranch Village 13, Mitigated, 2030
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	57.00	Dwelling Unit	13.10	57,000.00	163
Single Family Housing	1,881.00	Dwelling Unit	525.00	6,207,300.00	5380
Strip Mall	40.00	1000sqft	1.00	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	528.61	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Energy Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2526438	0
tblAreaCoating	Area_Residential_Exterior	4228403	0
tblAreaCoating	Area_Residential_Interior	12685208	0

tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
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tblConstructionPhase	NumDays	9,300.00	0.00
tblConstructionPhase	NumDays	600.00	0.00
tblConstructionPhase	NumDays	930.00	0.00
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	360.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
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tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
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tblEnergyUse	T24E	206.69	158.53
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tblEnergyUse	T24E	5.84	4.57
tblEnergyUse	T24E	425.62	270.69
tblEnergyUse	T24E	3.89	3.04
tblEnergyUse	T24NG	10,789.48	10,379.48
tblEnergyUse	T24NG	5.72	4.76
tblEnergyUse	T24NG	16.83	14.00
tblEnergyUse	T24NG	49.75	41.39
tblEnergyUse	T24NG	21,834.49	20,415.25
tblEnergyUse	T24NG	1.20	1.00
tblFireplaces	FireplaceDayYear	82.00	30.00

tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	NumberGas	31.35	57.00
tblFireplaces	NumberGas	1,034.55	1,881.00
tblFireplaces	NumberWood	19.95	0.00
tblFireplaces	NumberWood	658.35	0.00
tblLandUse	LandUseSquareFeet	3,385,800.00	6,207,300.00
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tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	3.56	13.10
tblLandUse	LotAcreage	610.71	525.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	528.61
tblProjectCharacteristics	OperationalYear	2014	2030
tblTripsAndVMT	WorkerTripNumber	18.00	10.00

tblTripsAndVMT	WorkerTripNumber	13.00	5.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,421.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	284.00	0.00
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tblVehicleEF	HHD	8.7310e-003	8.7120e-003
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tblVehicleEF	LDA	0.08	0.11
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tblVehicleEF	LDA	0.06	0.09
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.18	0.23
tblVehicleEF	LDA	0.11	0.15
tblVehicleEF	LDA	3.5660e-003	3.5610e-003
tblVehicleEF	LDA	7.6300e-004	7.7000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.09
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.18	0.23
tblVehicleEF	LDA	0.12	0.16
tblVehicleEF	LDA	9.3910e-003	0.01

tblVehicleEF	LDA	6.3710e-003	8.5820e-003
tblVehicleEF	LDA	0.76	0.92
tblVehicleEF	LDA	1.11	1.48
tblVehicleEF	LDA	227.29	258.13
tblVehicleEF	LDA	44.92	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.07	0.10
tblVehicleEF	LDA	2.1610e-003	1.8230e-003
tblVehicleEF	LDA	5.0710e-003	3.4360e-003
tblVehicleEF	LDA	2.0040e-003	1.6910e-003
tblVehicleEF	LDA	4.7050e-003	3.1870e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.07	0.10
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.16	0.21
tblVehicleEF	LDA	0.09	0.12
tblVehicleEF	LDA	3.7710e-003	3.7660e-003
tblVehicleEF	LDA	7.5700e-004	7.6100e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.07	0.10
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.21
tblVehicleEF	LDA	0.10	0.13
tblVehicleEF	LDA	9.3910e-003	0.01
tblVehicleEF	LDA	6.3710e-003	8.5820e-003
tblVehicleEF	LDA	0.66	0.81
tblVehicleEF	LDA	1.62	2.17

tblVehicleEF	LDA	212.75	241.74
tblVehicleEF	LDA	44.92	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	2.1610e-003	1.8230e-003
tblVehicleEF	LDA	5.0710e-003	3.4360e-003
tblVehicleEF	LDA	2.0040e-003	1.6910e-003
tblVehicleEF	LDA	4.7050e-003	3.1870e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.21	0.27
tblVehicleEF	LDA	0.12	0.16
tblVehicleEF	LDA	3.5290e-003	3.5240e-003
tblVehicleEF	LDA	7.6600e-004	7.7300e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.07	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.21	0.27
tblVehicleEF	LDA	0.13	0.17
tblVehicleEF	LDT1	0.01	5.5520e-003
tblVehicleEF	LDT1	6.5600e-003	0.02
tblVehicleEF	LDT1	0.81	1.56
tblVehicleEF	LDT1	1.73	3.69
tblVehicleEF	LDT1	262.86	253.30
tblVehicleEF	LDT1	55.59	63.53
tblVehicleEF	LDT1	0.07	0.07

tblVehicleEF	LDT1	0.09	0.17
tblVehicleEF	LDT1	0.10	0.21
tblVehicleEF	LDT1	2.3250e-003	2.9460e-003
tblVehicleEF	LDT1	4.8250e-003	4.4870e-003
tblVehicleEF	LDT1	2.1570e-003	2.7320e-003
tblVehicleEF	LDT1	4.4760e-003	4.1620e-003
tblVehicleEF	LDT1	0.06	0.10
tblVehicleEF	LDT1	0.15	0.23
tblVehicleEF	LDT1	0.07	0.10
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.48	0.78
tblVehicleEF	LDT1	0.12	0.27
tblVehicleEF	LDT1	4.1420e-003	4.1300e-003
tblVehicleEF	LDT1	8.8700e-004	9.1200e-004
tblVehicleEF	LDT1	0.06	0.10
tblVehicleEF	LDT1	0.15	0.23
tblVehicleEF	LDT1	0.07	0.10
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.48	0.78
tblVehicleEF	LDT1	0.12	0.29
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	6.5600e-003	0.02
tblVehicleEF	LDT1	0.91	1.72
tblVehicleEF	LDT1	1.30	2.77
tblVehicleEF	LDT1	277.31	313.82
tblVehicleEF	LDT1	55.59	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.08	0.16
tblVehicleEF	LDT1	0.10	0.20
tblVehicleEF	LDT1	2.3250e-003	2.9460e-003

tblVehicleEF	LDT1	4.8250e-003	4.4870e-003
tblVehicleEF	LDT1	2.1570e-003	2.7320e-003
tblVehicleEF	LDT1	4.4760e-003	4.1620e-003
tblVehicleEF	LDT1	0.09	0.15
tblVehicleEF	LDT1	0.16	0.25
tblVehicleEF	LDT1	0.11	0.17
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.44	0.71
tblVehicleEF	LDT1	0.10	0.22
tblVehicleEF	LDT1	4.3710e-003	4.3560e-003
tblVehicleEF	LDT1	8.8000e-004	8.9600e-004
tblVehicleEF	LDT1	0.09	0.15
tblVehicleEF	LDT1	0.16	0.25
tblVehicleEF	LDT1	0.11	0.17
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.44	0.71
tblVehicleEF	LDT1	0.10	0.24
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	6.5600e-003	0.02
tblVehicleEF	LDT1	0.80	1.53
tblVehicleEF	LDT1	1.89	4.04
tblVehicleEF	LDT1	260.24	294.90
tblVehicleEF	LDT1	55.59	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.09	0.18
tblVehicleEF	LDT1	0.11	0.22
tblVehicleEF	LDT1	2.3250e-003	2.9460e-003
tblVehicleEF	LDT1	4.8250e-003	4.4870e-003
tblVehicleEF	LDT1	2.1570e-003	2.7320e-003
tblVehicleEF	LDT1	4.4760e-003	4.1620e-003

tblVehicleEF	LDT1	0.05	0.08
tblVehicleEF	LDT1	0.16	0.26
tblVehicleEF	LDT1	0.06	0.09
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.59	0.97
tblVehicleEF	LDT1	0.12	0.29
tblVehicleEF	LDT1	4.1000e-003	4.0890e-003
tblVehicleEF	LDT1	8.9000e-004	9.1800e-004
tblVehicleEF	LDT1	0.05	0.08
tblVehicleEF	LDT1	0.16	0.26
tblVehicleEF	LDT1	0.06	0.09
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.59	0.97
tblVehicleEF	LDT1	0.13	0.31
tblVehicleEF	LDT2	9.9720e-003	3.3410e-003
tblVehicleEF	LDT2	4.4810e-003	8.2780e-003
tblVehicleEF	LDT2	0.65	0.93
tblVehicleEF	LDT2	1.25	2.20
tblVehicleEF	LDT2	333.70	249.77
tblVehicleEF	LDT2	70.03	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.09	0.19
tblVehicleEF	LDT2	2.1030e-003	1.7600e-003
tblVehicleEF	LDT2	4.9050e-003	3.3350e-003
tblVehicleEF	LDT2	1.9510e-003	1.6320e-003
tblVehicleEF	LDT2	4.5510e-003	3.0930e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.06	0.06

tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.33	0.40
tblVehicleEF	LDT2	0.08	0.15
tblVehicleEF	LDT2	4.8470e-003	4.8440e-003
tblVehicleEF	LDT2	1.0300e-003	1.0420e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.33	0.40
tblVehicleEF	LDT2	0.08	0.16
tblVehicleEF	LDT2	9.9720e-003	0.01
tblVehicleEF	LDT2	4.4810e-003	8.2780e-003
tblVehicleEF	LDT2	0.73	1.04
tblVehicleEF	LDT2	0.94	1.65
tblVehicleEF	LDT2	352.27	384.93
tblVehicleEF	LDT2	70.03	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.07	0.10
tblVehicleEF	LDT2	0.08	0.17
tblVehicleEF	LDT2	2.1030e-003	1.7600e-003
tblVehicleEF	LDT2	4.9050e-003	3.3350e-003
tblVehicleEF	LDT2	1.9510e-003	1.6320e-003
tblVehicleEF	LDT2	4.5510e-003	3.0930e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.10	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.31	0.37
tblVehicleEF	LDT2	0.07	0.12

tblVehicleEF	LDT2	5.1180e-003	5.1150e-003
tblVehicleEF	LDT2	1.0240e-003	1.0320e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.10	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.31	0.37
tblVehicleEF	LDT2	0.07	0.13
tblVehicleEF	LDT2	9.9720e-003	0.01
tblVehicleEF	LDT2	4.4810e-003	8.2780e-003
tblVehicleEF	LDT2	0.64	0.91
tblVehicleEF	LDT2	1.37	2.41
tblVehicleEF	LDT2	330.34	361.06
tblVehicleEF	LDT2	70.03	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.09	0.19
tblVehicleEF	LDT2	2.1030e-003	1.7600e-003
tblVehicleEF	LDT2	4.9050e-003	3.3350e-003
tblVehicleEF	LDT2	1.9510e-003	1.6320e-003
tblVehicleEF	LDT2	4.5510e-003	3.0930e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.11	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.40	0.49
tblVehicleEF	LDT2	0.08	0.16
tblVehicleEF	LDT2	4.7980e-003	4.7950e-003
tblVehicleEF	LDT2	1.0320e-003	1.0450e-003
tblVehicleEF	LDT2	0.03	0.04

tblVehicleEF	LDT2	0.11	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.40	0.49
tblVehicleEF	LDT2	0.09	0.17
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	4.8480e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.63	1.50
tblVehicleEF	LHD1	2.51	3.75
tblVehicleEF	LHD1	7.98	7.98
tblVehicleEF	LHD1	732.94	516.62
tblVehicleEF	LHD1	37.44	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.58	1.23
tblVehicleEF	LHD1	0.93	1.16
tblVehicleEF	LHD1	6.6500e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3770e-003	9.3720e-003
tblVehicleEF	LHD1	9.8160e-003	0.02
tblVehicleEF	LHD1	3.8100e-004	8.6400e-004
tblVehicleEF	LHD1	6.1200e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.3440e-003	2.3430e-003
tblVehicleEF	LHD1	9.0350e-003	0.01
tblVehicleEF	LHD1	3.5300e-004	8.0000e-004
tblVehicleEF	LHD1	1.4510e-003	2.0350e-003
tblVehicleEF	LHD1	0.06	0.07

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3500e-003	1.6100e-003
tblVehicleEF	LHD1	0.06	0.15
tblVehicleEF	LHD1	0.35	0.48
tblVehicleEF	LHD1	0.20	0.34
tblVehicleEF	LHD1	8.0570e-003	8.0840e-003
tblVehicleEF	LHD1	4.6100e-004	4.7500e-004
tblVehicleEF	LHD1	1.4510e-003	2.0350e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3500e-003	1.6100e-003
tblVehicleEF	LHD1	0.07	0.17
tblVehicleEF	LHD1	0.35	0.48
tblVehicleEF	LHD1	0.21	0.36
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.64	1.53
tblVehicleEF	LHD1	1.97	2.93
tblVehicleEF	LHD1	732.94	734.00
tblVehicleEF	LHD1	37.44	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.56	1.17
tblVehicleEF	LHD1	0.88	1.11
tblVehicleEF	LHD1	6.6500e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3770e-003	9.3720e-003
tblVehicleEF	LHD1	9.8160e-003	0.02

tblVehicleEF	LHD1	3.8100e-004	8.6400e-004
tblVehicleEF	LHD1	6.1200e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.3440e-003	2.3430e-003
tblVehicleEF	LHD1	9.0350e-003	0.01
tblVehicleEF	LHD1	3.5300e-004	8.0000e-004
tblVehicleEF	LHD1	2.1040e-003	2.9700e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.2440e-003	2.7670e-003
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tblVehicleEF	LHD1	0.34	0.46
tblVehicleEF	LHD1	0.17	0.29
tblVehicleEF	LHD1	8.0570e-003	8.0840e-003
tblVehicleEF	LHD1	4.5200e-004	4.6100e-004
tblVehicleEF	LHD1	2.1040e-003	2.9700e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.2440e-003	2.7670e-003
tblVehicleEF	LHD1	0.07	0.17
tblVehicleEF	LHD1	0.34	0.46
tblVehicleEF	LHD1	0.18	0.31
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.63	1.49
tblVehicleEF	LHD1	2.75	4.11
tblVehicleEF	LHD1	732.94	734.00
tblVehicleEF	LHD1	37.44	36.60

tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.58	1.22
tblVehicleEF	LHD1	0.95	1.18
tblVehicleEF	LHD1	6.6500e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3770e-003	9.3720e-003
tblVehicleEF	LHD1	9.8160e-003	0.02
tblVehicleEF	LHD1	3.8100e-004	8.6400e-004
tblVehicleEF	LHD1	6.1200e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.3440e-003	2.3430e-003
tblVehicleEF	LHD1	9.0350e-003	0.01
tblVehicleEF	LHD1	3.5300e-004	8.0000e-004
tblVehicleEF	LHD1	1.2680e-003	1.8970e-003
tblVehicleEF	LHD1	0.06	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.1870e-003	1.4220e-003
tblVehicleEF	LHD1	0.06	0.14
tblVehicleEF	LHD1	0.39	0.53
tblVehicleEF	LHD1	0.21	0.36
tblVehicleEF	LHD1	8.0570e-003	8.0830e-003
tblVehicleEF	LHD1	4.6500e-004	4.8200e-004
tblVehicleEF	LHD1	1.2680e-003	1.8970e-003
tblVehicleEF	LHD1	0.06	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.1870e-003	1.4220e-003
tblVehicleEF	LHD1	0.07	0.17
tblVehicleEF	LHD1	0.39	0.53
tblVehicleEF	LHD1	0.22	0.38

tblVehicleEF	LHD2	8.4600e-004	8.7100e-004
tblVehicleEF	LHD2	6.8600e-003	2.4210e-003
tblVehicleEF	LHD2	5.4400e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.61	0.99
tblVehicleEF	LHD2	1.34	1.83
tblVehicleEF	LHD2	621.83	560.43
tblVehicleEF	LHD2	22.80	22.28
tblVehicleEF	LHD2	5.2330e-003	5.1400e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.79	1.78
tblVehicleEF	LHD2	0.51	0.66
tblVehicleEF	LHD2	1.2800e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4700e-004	3.8000e-004
tblVehicleEF	LHD2	1.1770e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.3600e-004	3.5100e-004
tblVehicleEF	LHD2	6.5100e-004	9.4700e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.4900e-004	7.9100e-004
tblVehicleEF	LHD2	0.07	0.13
tblVehicleEF	LHD2	0.13	0.22
tblVehicleEF	LHD2	0.10	0.17
tblVehicleEF	LHD2	6.7590e-003	6.7800e-003

tblVehicleEF	LHD2	2.7700e-004	2.8100e-004
tblVehicleEF	LHD2	6.5100e-004	9.4700e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.4900e-004	7.9100e-004
tblVehicleEF	LHD2	0.08	0.15
tblVehicleEF	LHD2	0.13	0.22
tblVehicleEF	LHD2	0.10	0.18
tblVehicleEF	LHD2	8.4600e-004	8.7100e-004
tblVehicleEF	LHD2	6.8600e-003	0.01
tblVehicleEF	LHD2	5.4400e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.61	1.00
tblVehicleEF	LHD2	1.05	1.44
tblVehicleEF	LHD2	621.83	623.36
tblVehicleEF	LHD2	22.80	22.28
tblVehicleEF	LHD2	5.2330e-003	5.1400e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.76	1.72
tblVehicleEF	LHD2	0.49	0.63
tblVehicleEF	LHD2	1.2800e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4700e-004	3.8000e-004
tblVehicleEF	LHD2	1.1770e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.3600e-004	3.5100e-004

tblVehicleEF	LHD2	9.4500e-004	1.3820e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0770e-003	1.3590e-003
tblVehicleEF	LHD2	0.07	0.13
tblVehicleEF	LHD2	0.13	0.21
tblVehicleEF	LHD2	0.08	0.15
tblVehicleEF	LHD2	6.7590e-003	6.7800e-003
tblVehicleEF	LHD2	2.7200e-004	2.7400e-004
tblVehicleEF	LHD2	9.4500e-004	1.3820e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0770e-003	1.3590e-003
tblVehicleEF	LHD2	0.08	0.15
tblVehicleEF	LHD2	0.13	0.21
tblVehicleEF	LHD2	0.09	0.16
tblVehicleEF	LHD2	8.4600e-004	8.7100e-004
tblVehicleEF	LHD2	6.8600e-003	0.01
tblVehicleEF	LHD2	5.4400e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.60	0.98
tblVehicleEF	LHD2	1.47	2.01
tblVehicleEF	LHD2	621.83	623.36
tblVehicleEF	LHD2	22.80	22.28
tblVehicleEF	LHD2	5.2330e-003	5.1400e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.79	1.78
tblVehicleEF	LHD2	0.52	0.67
tblVehicleEF	LHD2	1.2800e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4700e-004	3.8000e-004
tblVehicleEF	LHD2	1.1770e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.3600e-004	3.5100e-004
tblVehicleEF	LHD2	5.5300e-004	8.6500e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7000e-004	6.9500e-004
tblVehicleEF	LHD2	0.07	0.13
tblVehicleEF	LHD2	0.15	0.24
tblVehicleEF	LHD2	0.10	0.18
tblVehicleEF	LHD2	6.7590e-003	6.7800e-003
tblVehicleEF	LHD2	2.7900e-004	2.8400e-004
tblVehicleEF	LHD2	5.5300e-004	8.6500e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.7000e-004	6.9500e-004
tblVehicleEF	LHD2	0.08	0.15
tblVehicleEF	LHD2	0.15	0.24
tblVehicleEF	LHD2	0.11	0.19
tblVehicleEF	MCY	0.00	0.52
tblVehicleEF	MCY	25.26	0.00
tblVehicleEF	MCY	10.46	10.27
tblVehicleEF	MCY	159.00	184.05
tblVehicleEF	MCY	36.50	38.51
tblVehicleEF	MCY	6.5060e-003	6.5640e-003

tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.7400e-004	3.9100e-004
tblVehicleEF	MCY	6.7800e-004	9.6800e-004
tblVehicleEF	MCY	2.3700e-004	3.2800e-004
tblVehicleEF	MCY	5.9200e-004	8.0400e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.51	0.52
tblVehicleEF	MCY	2.82	2.95
tblVehicleEF	MCY	1.13	1.26
tblVehicleEF	MCY	2.07	2.11
tblVehicleEF	MCY	2.2510e-003	2.2740e-003
tblVehicleEF	MCY	6.3500e-004	6.5600e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.51	0.52
tblVehicleEF	MCY	3.08	3.22
tblVehicleEF	MCY	1.13	1.26
tblVehicleEF	MCY	2.22	2.27
tblVehicleEF	MCY	23.91	26.61
tblVehicleEF	MCY	8.87	8.79
tblVehicleEF	MCY	159.00	156.52
tblVehicleEF	MCY	36.50	38.51
tblVehicleEF	MCY	6.5060e-003	6.5640e-003
tblVehicleEF	MCY	1.09	1.11
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.7400e-004	3.9100e-004
tblVehicleEF	MCY	6.7800e-004	9.6800e-004
tblVehicleEF	MCY	2.3700e-004	3.2800e-004

tblVehicleEF	MCY	5.9200e-004	8.0400e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.44	0.46
tblVehicleEF	MCY	1.09	1.11
tblVehicleEF	MCY	2.74	2.86
tblVehicleEF	MCY	1.02	1.13
tblVehicleEF	MCY	1.78	1.81
tblVehicleEF	MCY	2.2280e-003	2.2460e-003
tblVehicleEF	MCY	6.0100e-004	6.2300e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.44	0.46
tblVehicleEF	MCY	1.09	1.11
tblVehicleEF	MCY	3.00	3.12
tblVehicleEF	MCY	1.02	1.13
tblVehicleEF	MCY	1.91	1.94
tblVehicleEF	MCY	26.17	29.25
tblVehicleEF	MCY	11.18	10.95
tblVehicleEF	MCY	159.00	156.52
tblVehicleEF	MCY	36.50	38.51
tblVehicleEF	MCY	6.5060e-003	6.5640e-003
tblVehicleEF	MCY	1.23	1.25
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	2.7400e-004	3.9100e-004
tblVehicleEF	MCY	6.7800e-004	9.6800e-004
tblVehicleEF	MCY	2.3700e-004	3.2800e-004
tblVehicleEF	MCY	5.9200e-004	8.0400e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.49	0.53
tblVehicleEF	MCY	0.39	0.40
tblVehicleEF	MCY	2.86	3.00

tblVehicleEF	MCY	1.43	1.56
tblVehicleEF	MCY	2.20	2.25
tblVehicleEF	MCY	2.2670e-003	2.2920e-003
tblVehicleEF	MCY	6.5000e-004	6.7100e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.49	0.53
tblVehicleEF	MCY	0.39	0.40
tblVehicleEF	MCY	3.12	3.27
tblVehicleEF	MCY	1.43	1.56
tblVehicleEF	MCY	2.36	2.41
tblVehicleEF	MDV	0.01	4.9470e-003
tblVehicleEF	MDV	9.2620e-003	0.02
tblVehicleEF	MDV	1.00	1.68
tblVehicleEF	MDV	2.27	4.19
tblVehicleEF	MDV	444.83	321.03
tblVehicleEF	MDV	93.60	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.12	0.22
tblVehicleEF	MDV	0.18	0.38
tblVehicleEF	MDV	2.0870e-003	2.0400e-003
tblVehicleEF	MDV	4.4960e-003	3.4670e-003
tblVehicleEF	MDV	1.9360e-003	1.8870e-003
tblVehicleEF	MDV	4.1710e-003	3.2110e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.17	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.02	0.04
tblVehicleEF	MDV	0.52	0.60
tblVehicleEF	MDV	0.16	0.34
tblVehicleEF	MDV	6.2050e-003	6.1880e-003

tblVehicleEF	MDV	1.3250e-003	1.3480e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.17	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.52	0.60
tblVehicleEF	MDV	0.18	0.36
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	9.2620e-003	0.02
tblVehicleEF	MDV	1.12	1.86
tblVehicleEF	MDV	1.70	3.15
tblVehicleEF	MDV	469.33	516.30
tblVehicleEF	MDV	93.60	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.11	0.21
tblVehicleEF	MDV	0.17	0.35
tblVehicleEF	MDV	2.0870e-003	2.0400e-003
tblVehicleEF	MDV	4.4960e-003	3.4670e-003
tblVehicleEF	MDV	1.9360e-003	1.8870e-003
tblVehicleEF	MDV	4.1710e-003	3.2110e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.18	0.21
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.02	0.05
tblVehicleEF	MDV	0.48	0.56
tblVehicleEF	MDV	0.14	0.28
tblVehicleEF	MDV	6.5490e-003	6.5290e-003
tblVehicleEF	MDV	1.3150e-003	1.3290e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.18	0.21

tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.48	0.56
tblVehicleEF	MDV	0.14	0.30
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	9.2620e-003	0.02
tblVehicleEF	MDV	0.98	1.66
tblVehicleEF	MDV	2.48	4.58
tblVehicleEF	MDV	440.40	484.72
tblVehicleEF	MDV	93.60	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.12	0.23
tblVehicleEF	MDV	0.19	0.40
tblVehicleEF	MDV	2.0870e-003	2.0400e-003
tblVehicleEF	MDV	4.4960e-003	3.4670e-003
tblVehicleEF	MDV	1.9360e-003	1.8870e-003
tblVehicleEF	MDV	4.1710e-003	3.2110e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.18	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.04
tblVehicleEF	MDV	0.63	0.72
tblVehicleEF	MDV	0.18	0.36
tblVehicleEF	MDV	6.1430e-003	6.1260e-003
tblVehicleEF	MDV	1.3290e-003	1.3540e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.18	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.63	0.72

tblVehicleEF	MDV	0.19	0.39
tblVehicleEF	MH	0.00	9.6520e-003
tblVehicleEF	MH	0.33	2.03
tblVehicleEF	MH	4.21	6.63
tblVehicleEF	MH	682.76	1,203.65
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4090e-003	3.4460e-003
tblVehicleEF	MH	0.80	1.38
tblVehicleEF	MH	0.54	0.74
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5530e-003	8.5470e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.2800e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1380e-003	2.1370e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.1200e-004	6.6300e-004
tblVehicleEF	MH	0.40	0.81
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.28	0.44
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	0.64	1.79
tblVehicleEF	MH	0.23	0.37
tblVehicleEF	MH	7.5040e-003	7.5150e-003
tblVehicleEF	MH	3.8500e-004	4.2900e-004
tblVehicleEF	MH	0.40	0.81
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.28	0.44
tblVehicleEF	MH	0.05	0.12
tblVehicleEF	MH	0.64	1.79

tblVehicleEF	MH	0.24	0.39
tblVehicleEF	MH	0.33	2.09
tblVehicleEF	MH	3.29	5.08
tblVehicleEF	MH	682.76	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4090e-003	3.4460e-003
tblVehicleEF	MH	0.77	1.30
tblVehicleEF	MH	0.52	0.71
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5530e-003	8.5470e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.2800e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1380e-003	2.1370e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.1200e-004	6.6300e-004
tblVehicleEF	MH	0.55	1.11
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.49	0.76
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	0.62	1.74
tblVehicleEF	MH	0.20	0.31
tblVehicleEF	MH	7.5040e-003	7.5160e-003
tblVehicleEF	MH	3.7000e-004	4.0300e-004
tblVehicleEF	MH	0.55	1.11
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.49	0.76
tblVehicleEF	MH	0.05	0.12
tblVehicleEF	MH	0.62	1.74
tblVehicleEF	MH	0.21	0.33

tblVehicleEF	MH	0.33	2.01
tblVehicleEF	MH	4.63	7.33
tblVehicleEF	MH	682.76	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4090e-003	3.4460e-003
tblVehicleEF	MH	0.80	1.38
tblVehicleEF	MH	0.55	0.76
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5530e-003	8.5470e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.2800e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1380e-003	2.1370e-003
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	2.1200e-004	6.6300e-004
tblVehicleEF	MH	0.37	0.84
tblVehicleEF	MH	0.04	0.09
tblVehicleEF	MH	0.25	0.41
tblVehicleEF	MH	0.04	0.10
tblVehicleEF	MH	0.70	1.92
tblVehicleEF	MH	0.24	0.39
tblVehicleEF	MH	7.5040e-003	7.5140e-003
tblVehicleEF	MH	3.9200e-004	4.4100e-004
tblVehicleEF	MH	0.37	0.84
tblVehicleEF	MH	0.04	0.09
tblVehicleEF	MH	0.25	0.41
tblVehicleEF	MH	0.05	0.12
tblVehicleEF	MH	0.70	1.92
tblVehicleEF	MH	0.26	0.42
tblVehicleEF	MHD	8.2940e-003	7.6150e-003

tblVehicleEF	MHD	4.6040e-003	2.3680e-003
tblVehicleEF	MHD	2.11	1.91
tblVehicleEF	MHD	0.42	0.77
tblVehicleEF	MHD	8.98	16.82
tblVehicleEF	MHD	572.80	572.06
tblVehicleEF	MHD	992.23	1,185.20
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.23	4.60
tblVehicleEF	MHD	0.92	1.79
tblVehicleEF	MHD	1.05	1.78
tblVehicleEF	MHD	7.5540e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	5.9300e-004	1.6820e-003
tblVehicleEF	MHD	6.9500e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8460e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	5.5000e-004	1.5330e-003
tblVehicleEF	MHD	1.3190e-003	2.1230e-003
tblVehicleEF	MHD	0.07	0.09
tblVehicleEF	MHD	0.18	0.16
tblVehicleEF	MHD	1.2450e-003	1.6670e-003
tblVehicleEF	MHD	0.10	0.13
tblVehicleEF	MHD	0.36	0.48
tblVehicleEF	MHD	0.54	0.98
tblVehicleEF	MHD	6.0720e-003	6.0640e-003
tblVehicleEF	MHD	0.01	0.01

tblVehicleEF	MHD	7.0500e-004	8.4700e-004
tblVehicleEF	MHD	1.3190e-003	2.1230e-003
tblVehicleEF	MHD	0.07	0.09
tblVehicleEF	MHD	0.20	0.19
tblVehicleEF	MHD	1.2450e-003	1.6670e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.36	0.48
tblVehicleEF	MHD	0.57	1.04
tblVehicleEF	MHD	7.8160e-003	7.1760e-003
tblVehicleEF	MHD	4.6040e-003	5.1900e-003
tblVehicleEF	MHD	1.53	1.39
tblVehicleEF	MHD	0.43	0.78
tblVehicleEF	MHD	7.02	12.98
tblVehicleEF	MHD	606.83	606.05
tblVehicleEF	MHD	992.23	995.11
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.34	4.74
tblVehicleEF	MHD	0.88	1.72
tblVehicleEF	MHD	1.00	1.70
tblVehicleEF	MHD	6.3680e-003	9.7830e-003
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	5.9300e-004	1.6820e-003
tblVehicleEF	MHD	5.8590e-003	9.0000e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8460e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	5.5000e-004	1.5330e-003

tblVehicleEF	MHD	1.9300e-003	3.1680e-003
tblVehicleEF	MHD	0.07	0.10
tblVehicleEF	MHD	0.17	0.15
tblVehicleEF	MHD	2.0980e-003	3.0070e-003
tblVehicleEF	MHD	0.10	0.13
tblVehicleEF	MHD	0.34	0.47
tblVehicleEF	MHD	0.47	0.83
tblVehicleEF	MHD	6.4330e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.7200e-004	7.8200e-004
tblVehicleEF	MHD	1.9300e-003	3.1680e-003
tblVehicleEF	MHD	0.07	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	2.0980e-003	3.0070e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.34	0.47
tblVehicleEF	MHD	0.50	0.89
tblVehicleEF	MHD	8.9540e-003	8.2210e-003
tblVehicleEF	MHD	4.6040e-003	5.1900e-003
tblVehicleEF	MHD	2.91	2.63
tblVehicleEF	MHD	0.42	0.77
tblVehicleEF	MHD	9.84	18.52
tblVehicleEF	MHD	525.80	525.12
tblVehicleEF	MHD	992.23	995.11
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.09	4.39
tblVehicleEF	MHD	0.91	1.78
tblVehicleEF	MHD	1.08	1.82
tblVehicleEF	MHD	9.1920e-003	0.01

tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	5.9300e-004	1.6820e-003
tblVehicleEF	MHD	8.4570e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8460e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	5.5000e-004	1.5330e-003
tblVehicleEF	MHD	1.1490e-003	2.0010e-003
tblVehicleEF	MHD	0.07	0.11
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	1.0940e-003	1.4670e-003
tblVehicleEF	MHD	0.10	0.13
tblVehicleEF	MHD	0.40	0.54
tblVehicleEF	MHD	0.57	1.04
tblVehicleEF	MHD	5.5740e-003	5.5670e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.1900e-004	8.7600e-004
tblVehicleEF	MHD	1.1490e-003	2.0010e-003
tblVehicleEF	MHD	0.07	0.11
tblVehicleEF	MHD	0.22	0.20
tblVehicleEF	MHD	1.0940e-003	1.4670e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.40	0.54
tblVehicleEF	MHD	0.61	1.11
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.8700e-003	5.9810e-003
tblVehicleEF	OBUS	3.31	2.74
tblVehicleEF	OBUS	0.64	1.34

tblVehicleEF	OBUS	6.57	10.77
tblVehicleEF	OBUS	533.35	534.88
tblVehicleEF	OBUS	1,039.18	1,222.41
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.9220e-003	1.8710e-003
tblVehicleEF	OBUS	3.20	4.65
tblVehicleEF	OBUS	1.05	2.33
tblVehicleEF	OBUS	0.94	1.52
tblVehicleEF	OBUS	8.7960e-003	9.5470e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	3.5800e-004	6.9800e-004
tblVehicleEF	OBUS	8.0920e-003	8.7830e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6150e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	3.3200e-004	6.4300e-004
tblVehicleEF	OBUS	6.6600e-004	7.6500e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.56	0.47
tblVehicleEF	OBUS	5.0500e-004	5.2600e-004
tblVehicleEF	OBUS	0.11	0.15
tblVehicleEF	OBUS	0.28	0.30
tblVehicleEF	OBUS	0.41	0.65
tblVehicleEF	OBUS	5.6540e-003	5.6700e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.7900e-004	5.5400e-004
tblVehicleEF	OBUS	6.6600e-004	7.6500e-004
tblVehicleEF	OBUS	0.02	0.03

tblVehicleEF	OBUS	0.64	0.53
tblVehicleEF	OBUS	5.0500e-004	5.2600e-004
tblVehicleEF	OBUS	0.13	0.18
tblVehicleEF	OBUS	0.28	0.30
tblVehicleEF	OBUS	0.43	0.70
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.8700e-003	2.8860e-003
tblVehicleEF	OBUS	2.40	1.99
tblVehicleEF	OBUS	0.64	1.37
tblVehicleEF	OBUS	5.13	8.39
tblVehicleEF	OBUS	565.04	566.66
tblVehicleEF	OBUS	1,039.18	1,037.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.9220e-003	1.8710e-003
tblVehicleEF	OBUS	3.30	4.79
tblVehicleEF	OBUS	1.01	2.23
tblVehicleEF	OBUS	0.89	1.45
tblVehicleEF	OBUS	7.4150e-003	8.0480e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	3.5800e-004	6.9800e-004
tblVehicleEF	OBUS	6.8220e-003	7.4040e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6150e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	3.3200e-004	6.4300e-004
tblVehicleEF	OBUS	9.4000e-004	1.0830e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.53	0.44

tblVehicleEF	OBUS	8.8100e-004	9.5200e-004
tblVehicleEF	OBUS	0.11	0.15
tblVehicleEF	OBUS	0.27	0.29
tblVehicleEF	OBUS	0.35	0.57
tblVehicleEF	OBUS	5.9900e-003	6.0070e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.5500e-004	5.1300e-004
tblVehicleEF	OBUS	9.4000e-004	1.0830e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	8.8100e-004	9.5200e-004
tblVehicleEF	OBUS	0.13	0.18
tblVehicleEF	OBUS	0.27	0.29
tblVehicleEF	OBUS	0.38	0.60
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.8700e-003	2.8860e-003
tblVehicleEF	OBUS	4.55	3.78
tblVehicleEF	OBUS	0.63	1.33
tblVehicleEF	OBUS	7.22	11.83
tblVehicleEF	OBUS	489.59	491.00
tblVehicleEF	OBUS	1,039.18	1,037.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.9220e-003	1.8710e-003
tblVehicleEF	OBUS	3.06	4.44
tblVehicleEF	OBUS	1.05	2.33
tblVehicleEF	OBUS	0.96	1.56
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04

tblVehicleEF	OBUS	3.5800e-004	6.9800e-004
tblVehicleEF	OBUS	9.8470e-003	0.01
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6150e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	3.3200e-004	6.4300e-004
tblVehicleEF	OBUS	6.0500e-004	7.3600e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.61	0.50
tblVehicleEF	OBUS	4.5000e-004	4.7600e-004
tblVehicleEF	OBUS	0.11	0.15
tblVehicleEF	OBUS	0.30	0.32
tblVehicleEF	OBUS	0.43	0.69
tblVehicleEF	OBUS	5.1900e-003	5.2050e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.9000e-004	5.7200e-004
tblVehicleEF	OBUS	6.0500e-004	7.3600e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.69	0.57
tblVehicleEF	OBUS	4.5000e-004	4.7600e-004
tblVehicleEF	OBUS	0.13	0.18
tblVehicleEF	OBUS	0.30	0.32
tblVehicleEF	OBUS	0.46	0.74
tblVehicleEF	SBUS	6.5080e-003	4.4530e-003
tblVehicleEF	SBUS	7.6280e-003	5.7390e-003
tblVehicleEF	SBUS	1.65	1.05
tblVehicleEF	SBUS	2.11	4.24
tblVehicleEF	SBUS	20.29	34.11
tblVehicleEF	SBUS	570.74	547.00
tblVehicleEF	SBUS	1,001.09	1,008.56

tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	4.9200e-004	5.8600e-004
tblVehicleEF	SBUS	5.36	7.58
tblVehicleEF	SBUS	4.41	7.00
tblVehicleEF	SBUS	1.89	2.59
tblVehicleEF	SBUS	8.6910e-003	0.01
tblVehicleEF	SBUS	0.52	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	2.1700e-003	5.1810e-003
tblVehicleEF	SBUS	7.9950e-003	0.01
tblVehicleEF	SBUS	0.22	0.23
tblVehicleEF	SBUS	2.6790e-003	2.7220e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	2.0130e-003	4.6650e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.16	0.21
tblVehicleEF	SBUS	0.14	0.10
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.27	0.39
tblVehicleEF	SBUS	1.39	1.58
tblVehicleEF	SBUS	1.31	2.21
tblVehicleEF	SBUS	6.0500e-003	5.7980e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6390e-003	1.9000e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.16	0.21
tblVehicleEF	SBUS	0.16	0.11
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.31	0.43

tblVehicleEF	SBUS	1.39	1.58
tblVehicleEF	SBUS	1.39	2.36
tblVehicleEF	SBUS	6.1330e-003	4.1970e-003
tblVehicleEF	SBUS	7.6280e-003	5.3930e-003
tblVehicleEF	SBUS	1.20	0.76
tblVehicleEF	SBUS	2.15	4.29
tblVehicleEF	SBUS	17.03	28.32
tblVehicleEF	SBUS	604.65	579.49
tblVehicleEF	SBUS	1,001.09	1,024.49
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	4.9200e-004	5.8600e-004
tblVehicleEF	SBUS	5.53	7.82
tblVehicleEF	SBUS	4.24	6.72
tblVehicleEF	SBUS	1.77	2.42
tblVehicleEF	SBUS	7.3260e-003	0.01
tblVehicleEF	SBUS	0.52	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	2.1700e-003	5.1810e-003
tblVehicleEF	SBUS	6.7400e-003	0.01
tblVehicleEF	SBUS	0.22	0.23
tblVehicleEF	SBUS	2.6790e-003	2.7220e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	2.0130e-003	4.6650e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.17	0.21
tblVehicleEF	SBUS	0.13	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.27	0.39
tblVehicleEF	SBUS	1.25	1.43

tblVehicleEF	SBUS	1.17	1.95
tblVehicleEF	SBUS	6.4100e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5830e-003	1.8010e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.17	0.21
tblVehicleEF	SBUS	0.15	0.10
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.31	0.44
tblVehicleEF	SBUS	1.25	1.43
tblVehicleEF	SBUS	1.25	2.08
tblVehicleEF	SBUS	7.0250e-003	4.8080e-003
tblVehicleEF	SBUS	7.6280e-003	5.3930e-003
tblVehicleEF	SBUS	2.27	1.45
tblVehicleEF	SBUS	2.09	4.22
tblVehicleEF	SBUS	21.90	36.98
tblVehicleEF	SBUS	523.92	502.12
tblVehicleEF	SBUS	1,001.09	1,024.49
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	4.9200e-004	5.8600e-004
tblVehicleEF	SBUS	5.12	7.24
tblVehicleEF	SBUS	4.40	6.98
tblVehicleEF	SBUS	1.95	2.67
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.52	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	2.1700e-003	5.1810e-003
tblVehicleEF	SBUS	9.7290e-003	0.02
tblVehicleEF	SBUS	0.22	0.23

tblVehicleEF	SBUS	2.6790e-003	2.7220e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	2.0130e-003	4.6650e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.19	0.26
tblVehicleEF	SBUS	0.15	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.27	0.38
tblVehicleEF	SBUS	1.72	1.93
tblVehicleEF	SBUS	1.37	2.34
tblVehicleEF	SBUS	5.5540e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6660e-003	1.9490e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.19	0.26
tblVehicleEF	SBUS	0.17	0.12
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.30	0.43
tblVehicleEF	SBUS	1.72	1.93
tblVehicleEF	SBUS	1.46	2.50
tblVehicleEF	UBUS	2.18	3.03
tblVehicleEF	UBUS	4.78	5.66
tblVehicleEF	UBUS	1,893.89	1,941.11
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	1.9980e-003	2.0620e-003
tblVehicleEF	UBUS	7.70	11.05
tblVehicleEF	UBUS	0.85	0.89
tblVehicleEF	UBUS	0.15	0.19
tblVehicleEF	UBUS	1.3400e-004	2.0500e-004
tblVehicleEF	UBUS	0.13	0.18

tblVehicleEF	UBUS	1.2500e-004	1.9000e-004
tblVehicleEF	UBUS	1.7470e-003	1.9740e-003
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.7190e-003	1.8420e-003
tblVehicleEF	UBUS	0.40	0.58
tblVehicleEF	UBUS	0.34	0.32
tblVehicleEF	UBUS	0.48	0.52
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.4300e-004	3.5800e-004
tblVehicleEF	UBUS	1.7470e-003	1.9740e-003
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.7190e-003	1.8420e-003
tblVehicleEF	UBUS	0.46	0.66
tblVehicleEF	UBUS	0.34	0.32
tblVehicleEF	UBUS	0.51	0.56
tblVehicleEF	UBUS	2.19	3.06
tblVehicleEF	UBUS	3.97	4.66
tblVehicleEF	UBUS	1,893.89	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	1.9980e-003	2.0620e-003
tblVehicleEF	UBUS	7.43	10.66
tblVehicleEF	UBUS	0.81	0.85
tblVehicleEF	UBUS	0.15	0.19
tblVehicleEF	UBUS	1.3400e-004	2.0500e-004
tblVehicleEF	UBUS	0.13	0.18
tblVehicleEF	UBUS	1.2500e-004	1.9000e-004
tblVehicleEF	UBUS	2.1290e-003	2.4040e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	3.0460e-003	3.2720e-003
tblVehicleEF	UBUS	0.40	0.59

tblVehicleEF	UBUS	0.30	0.29
tblVehicleEF	UBUS	0.43	0.47
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.2800e-004	3.4100e-004
tblVehicleEF	UBUS	2.1290e-003	2.4040e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	3.0460e-003	3.2720e-003
tblVehicleEF	UBUS	0.46	0.66
tblVehicleEF	UBUS	0.30	0.29
tblVehicleEF	UBUS	0.45	0.50
tblVehicleEF	UBUS	2.17	3.02
tblVehicleEF	UBUS	5.13	6.10
tblVehicleEF	UBUS	1,893.89	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	1.9980e-003	2.0620e-003
tblVehicleEF	UBUS	7.67	11.00
tblVehicleEF	UBUS	0.87	0.91
tblVehicleEF	UBUS	0.15	0.19
tblVehicleEF	UBUS	1.3400e-004	2.0500e-004
tblVehicleEF	UBUS	0.13	0.18
tblVehicleEF	UBUS	1.2500e-004	1.9000e-004
tblVehicleEF	UBUS	1.6300e-003	1.8930e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	1.5390e-003	1.6820e-003
tblVehicleEF	UBUS	0.40	0.58
tblVehicleEF	UBUS	0.43	0.40
tblVehicleEF	UBUS	0.50	0.55
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.4900e-004	3.6600e-004
tblVehicleEF	UBUS	1.6300e-003	1.8930e-003

tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	1.5390e-003	1.6820e-003
tblVehicleEF	UBUS	0.46	0.66
tblVehicleEF	UBUS	0.43	0.40
tblVehicleEF	UBUS	0.53	0.59
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00
tblVehicleTrips	ST_TR	10.08	10.00
tblVehicleTrips	ST_TR	42.04	120.00
tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00
tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	30
tblWoodstoves	NumberCatalytic	2.85	0.00
tblWoodstoves	NumberCatalytic	94.05	0.00
tblWoodstoves	NumberNoncatalytic	2.85	0.00
tblWoodstoves	NumberNoncatalytic	94.05	0.00

2.0 Emissions Summary

[illegible]

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	32.0176	0.1655	14.3630	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9843	581.9843	0.0331	0.0102	585.8541
Energy	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	7,871.2024	7,871.2024	0.2487	0.1139	7,911.7305
Mobile	14.1052	29.1514	126.0715	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	20,560.5142	20,560.5142	0.6509	0.0000	20,574.1831
Waste						0.0000	0.0000		0.0000	0.0000	508.4660	0.0000	508.4660	30.0495	0.0000	1,139.5050
Water						0.0000	0.0000		0.0000	0.0000	43.7004	755.9242	799.6246	4.5199	0.1146	930.0570
Total	46.4781	32.3990	142.0664	0.3929	25.5702	0.7944	26.3646	6.8388	0.7608	7.5995	552.1664	29,769.6251	30,321.7915	35.5021	0.2387	31,141.3298

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	32.0115	0.1645	14.2595	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7723	581.7723	0.0328	0.0102	585.6354
Energy	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	7,573.0909	7,573.0909	0.2363	0.1105	7,612.3095

Mobile	14.1052	29.1514	126.0715	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	20,560.5142	20,560.5142	0.6509	0.0000	20,574.1831
Waste						0.0000	0.0000		0.0000	0.0000	406.7728	0.0000	406.7728	24.0396	0.0000	911.6040
Water						0.0000	0.0000		0.0000	0.0000	34.9603	572.1524	607.1128	3.6141	0.0911	711.2631
Total	46.4720	32.3979	141.9629	0.3928	25.5702	0.7938	26.3640	6.8388	0.7602	7.5989	441.7331	29,287.5299	29,729.2630	28.5736	0.2119	30,394.9952

	ROG	NOx	CO	SO2	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	0.01	0.00	0.07	0.00	0.00	0.08	0.00	0.00	0.08	0.01	20.00	1.62	1.95	19.52	11.23	2.40

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,685,208; Residential Outdoor: 4,228,403; Non-Residential Indoor: 2,526,441; Non-Residential Outdoor: 842,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction	7	0.00	483.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	14.1052	29.1514	126.0715	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	20,560.5142	20,560.5142	0.6509	0.0000	20,574.1831
Unmitigated	14.1052	29.1514	126.0715	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	20,560.5142	20,560.5142	0.6509	0.0000	20,574.1831

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026
Condo/Townhouse	456.00	456.00	456.00	1,302,018	1,302,018
Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	18,810.00	18,810.00	18810.00	53,708,256	53,708,256
Strip Mall	4,800.00	4,800.00	4800.00	7,392,159	7,392,159
Total	27,195.50	26,295.50	26,295.50	68,001,666	68,001,666

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300	0.073549	0.191092	0.130830	0.036094	0.005140	0.012550	0.022916	0.001871	0.002062	0.006564	0.000586	0.003446

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive 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					
NaturalGas Mitigated	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508
NaturalGas Unmitigated	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,057.4358	4,057.4358	0.1689	0.0461	4,075.2587

Electricity Unmitigated				0.0000	0.0000		0.0000	0.0000	0.0000	4,355.5473	4,355.5473	0.1813	0.0494	4,374.6797
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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						
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Condo/Townhouse	762720	4.1100e-003	0.0351	0.0150	2.2000e-004		2.8400e-003	2.8400e-003		2.8400e-003	2.8400e-003	0.0000	40.7016	40.7016	7.8000e-004	7.5000e-004	40.9493	
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120	
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713	
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003		0.0568	0.0568		0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801	
Single Family Housing	4.93466e+007	0.2661	2.2738	0.9676	0.0145		0.1838	0.1838		0.1838	0.1838	0.0000	2,633.3238	2,633.3238	0.0505	0.0483	2,649.3498	
Strip Mall	83600	4.5000e-004	4.1000e-003	3.4400e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	4.4612	4.4612	9.0000e-005	8.0000e-005	4.4884	
Total		0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508	

Mitigated

[illegible]

Condo/Townhouse	762720	4.1100e-003	0.0351	0.0150	2.2000e-004		2.8400e-003	2.8400e-003		2.8400e-003	2.8400e-003	0.0000	40.7016	40.7016	7.8000e-004	7.5000e-004	40.9493
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003		0.0568	0.0568		0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801
Single Family Housing	4.93466e+007	0.2661	2.2738	0.9676	0.0145		0.1838	0.1838		0.1838	0.1838	0.0000	2,633.3238	2,633.3238	0.0505	0.0483	2,649.3498
Strip Mall	83600	4.5000e-004	4.1000e-003	3.4400e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	4.4612	4.4612	9.0000e-005	8.0000e-005	4.4884
Total		0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	244304	58.5777	2.4400e-003	6.6000e-004	58.8350
Elementary School	278399	66.7527	2.7800e-003	7.6000e-004	67.0460
Government Office Building	137500	32.9689	1.3700e-003	3.7000e-004	33.1137
Hotel	3.86813e+006	927.4744	0.0386	0.0105	931.5485
Single Family Housing	1.31093e+007	3,143.2691	0.1308	0.0357	3,157.0764
Strip Mall	527600	126.5045	5.2600e-003	1.4400e-003	127.0602
Total		4,355.5473	0.1813	0.0494	4,374.6797

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	227447	54.5357	2.2700e-003	6.2000e-004	54.7753
Elementary School	256428	61.4847	2.5600e-003	7.0000e-004	61.7548
Government Office Building	131005	31.4115	1.3100e-003	3.6000e-004	31.5495
Hotel	3.60198e+006	863.6584	0.0359	9.8000e-003	867.4521
Single Family Housing	1.22194e+007	2,929.8971	0.1219	0.0333	2,942.7672
Strip Mall	485660	116.4484	4.8500e-003	1.3200e-003	116.9599
Total		4,057.4358	0.1689	0.0461	4,075.2587

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw

	ROG	NOx	CO	SO2	Fugitive 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	32.0115	0.1645	14.2595	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7723	581.7723	0.0328	0.0102	585.6354

Unmitigated	32.0176	0.1655	14.3630	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9843	581.9843	0.0331	0.0102	585.8541
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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	0.4879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.0432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4300	0.1655	14.3599	7.6000e-004		0.0798	0.0798		0.0798	0.0798	0.0000	23.5213	23.5213	0.0224	0.0000	23.9925
Total	32.0176	0.1655	14.3630	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9843	581.9843	0.0331	0.0102	585.8541

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	0.4879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.0432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4240	0.1645	14.2564	7.5000e-004		0.0792	0.0792		0.0792	0.0792	0.0000	23.3094	23.3094	0.0221	0.0000	23.7738

Total	32.0115	0.1645	14.2595	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7723	581.7723	0.0328	0.0102	585.6354
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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			
Unmitigated	799.6246	4.5199	0.1146	930.0570
Mitigated	607.1128	3.6141	0.0911	711.2631

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	94.2668	3.9200e-003	1.0700e-003	94.6809
Condo/Townhouse	3.71378 / 2.3413	19.0099	0.1218	3.0600e-003	22.5153

Elementary School	1.45454 / 3.74026	14.9663	0.0480	1.2800e-003	16.3723
Government Office Building	1.9866 / 1.21759	10.0761	0.0651	1.6400e-003	11.9508
Hotel	5.07335 / 0.563706	18.9507	0.1660	4.1000e-003	23.7085
Single Family Housing	122.555 / 77.2628	627.3268	4.0179	0.1010	743.0052
Strip Mall	2.9629 / 1.81597	15.0280	0.0971	2.4400e-003	17.8240
Total		799.6246	4.5199	0.1146	930.0570

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 24.7709	65.9868	2.7500e-003	7.5000e-004	66.2766
Condo/Townhouse	2.97102 / 1.63891	14.5842	0.0974	2.4400e-003	17.3844
Elementary School	1.16364 / 2.61818	10.9767	0.0384	1.0100e-003	12.0965
Government Office Building	1.58928 / 0.852314	7.7365	0.0521	1.3000e-003	9.2341
Hotel	4.05868 / 0.394594	15.0104	0.1328	3.2700e-003	18.8141
Single Family Housing	98.0438 / 54.0839	481.2796	3.2131	0.0804	573.6852
Strip Mall	2.37032 / 1.27118	11.5386	0.0777	1.9400e-003	13.7722
Total		607.1128	3.6141	0.0911	711.2631

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	406.7728	24.0396	0.0000	911.6040
Unmitigated	508.4660	30.0495	0.0000	1,139.5050

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	26.22	5.3224	0.3146	0.0000	11.9279
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2205.8	447.7575	26.4617	0.0000	1,003.4533
Strip Mall	42	8.5256	0.5039	0.0000	19.1065
Total		508.4660	30.0495	0.0000	1,139.5050

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.04	0.4141	0.0245	0.0000	0.9280
Condo/Townhouse	20.976	4.2579	0.2516	0.0000	9.5423
Elementary School	87.6	17.7820	1.0509	0.0000	39.8506
Government Office Building	7.44	1.5103	0.0893	0.0000	3.3846
Hotel	87.6	17.7820	1.0509	0.0000	39.8506
Single Family Housing	1764.64	358.2060	21.1694	0.0000	802.7627
Strip Mall	33.6	6.8205	0.4031	0.0000	15.2852
Total		406.7728	24.0396	0.0000	911.6040

9.0 Operational Offroad

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

Otay Ranch Village 13, Mitigated, Optional Development Scenario, 2030
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	0.00	Dwelling Unit	0.00	0.00	0
Single Family Housing	1,938.00	Dwelling Unit	541.00	6,395,400.00	5543
Strip Mall	20.00	1000sqft	1.00	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2025
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	528.61	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Energy Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2496438	0
tblAreaCoating	Area_Residential_Exterior	4316895	0
tblAreaCoating	Area_Residential_Interior	12950685	0

tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	10,850.00	0.00
tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	NumDays	1,085.00	0.00
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	420.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblEnergyUse	T24E	206.69	158.53
tblEnergyUse	T24E	1.86	1.45
tblEnergyUse	T24E	5.69	4.45
tblEnergyUse	T24E	5.84	4.57
tblEnergyUse	T24E	425.62	270.69
tblEnergyUse	T24E	3.89	3.04
tblEnergyUse	T24NG	10,789.48	10,379.48
tblEnergyUse	T24NG	5.72	4.76
tblEnergyUse	T24NG	16.83	14.00
tblEnergyUse	T24NG	49.75	41.39
tblEnergyUse	T24NG	21,834.49	20,415.25
tblEnergyUse	T24NG	1.20	1.00
tblFireplaces	FireplaceDayYear	82.00	30.00

tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	NumberGas	0.00	57.00
tblFireplaces	NumberGas	1,065.90	1,881.00
tblFireplaces	NumberNoFireplace	0.00	5.70
tblFireplaces	NumberNoFireplace	193.80	188.10
tblFireplaces	NumberWood	678.30	0.00
tblLandUse	LandUseSquareFeet	3,488,400.00	6,395,400.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	629.22	541.00
tblLandUse	LotAcreage	0.46	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	528.61
tblProjectCharacteristics	OperationalYear	2014	2025
tblTripsAndVMT	WorkerTripNumber	18.00	10.00

tblTripsAndVMT	WorkerTripNumber	13.00	5.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,394.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	279.00	0.00
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.7230e-003	5.9900e-003
tblVehicleEF	HHD	3.45	3.16
tblVehicleEF	HHD	1.27	1.37
tblVehicleEF	HHD	54.20	65.60
tblVehicleEF	HHD	527.66	528.33
tblVehicleEF	HHD	1,538.82	1,572.08
tblVehicleEF	HHD	49.32	50.38
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.27	3.96
tblVehicleEF	HHD	2.08	3.73
tblVehicleEF	HHD	3.65	4.25
tblVehicleEF	HHD	9.0700e-003	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	7.7400e-004	1.7690e-003
tblVehicleEF	HHD	8.3440e-003	9.2620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7210e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	7.1800e-004	1.5800e-003
tblVehicleEF	HHD	1.2540e-003	1.7100e-003
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.61	0.56

tblVehicleEF	HHD	1.2250e-003	1.6090e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.33	0.52
tblVehicleEF	HHD	1.38	2.25
tblVehicleEF	HHD	5.5930e-003	5.6010e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4410e-003	1.6590e-003
tblVehicleEF	HHD	1.2540e-003	1.7100e-003
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.70	0.64
tblVehicleEF	HHD	1.2250e-003	1.6090e-003
tblVehicleEF	HHD	0.24	0.26
tblVehicleEF	HHD	0.33	0.52
tblVehicleEF	HHD	1.47	2.40
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	9.7230e-003	0.01
tblVehicleEF	HHD	2.50	2.30
tblVehicleEF	HHD	1.28	1.38
tblVehicleEF	HHD	41.99	49.98
tblVehicleEF	HHD	559.01	559.72
tblVehicleEF	HHD	1,538.82	1,547.78
tblVehicleEF	HHD	49.32	50.38
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.37	4.09
tblVehicleEF	HHD	2.00	3.59
tblVehicleEF	HHD	3.48	4.04
tblVehicleEF	HHD	7.6460e-003	8.4870e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07

tblVehicleEF	HHD	7.7400e-004	1.7690e-003
tblVehicleEF	HHD	7.0340e-003	7.8080e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7210e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	7.1800e-004	1.5800e-003
tblVehicleEF	HHD	1.8980e-003	2.6610e-003
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.58	0.53
tblVehicleEF	HHD	2.1800e-003	3.0730e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.32	0.51
tblVehicleEF	HHD	1.18	1.85
tblVehicleEF	HHD	5.9260e-003	5.9330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2430e-003	1.4010e-003
tblVehicleEF	HHD	1.8980e-003	2.6610e-003
tblVehicleEF	HHD	0.07	0.10
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	2.1800e-003	3.0730e-003
tblVehicleEF	HHD	0.25	0.26
tblVehicleEF	HHD	0.32	0.51
tblVehicleEF	HHD	1.25	1.97
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.7230e-003	0.01
tblVehicleEF	HHD	4.75	4.35
tblVehicleEF	HHD	1.26	1.37
tblVehicleEF	HHD	59.62	72.54
tblVehicleEF	HHD	484.37	484.98
tblVehicleEF	HHD	1,538.82	1,547.78

tblVehicleEF	HHD	49.32	50.38
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.12	3.78
tblVehicleEF	HHD	2.07	3.72
tblVehicleEF	HHD	3.73	4.34
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	7.7400e-004	1.7690e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7210e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	7.1800e-004	1.5800e-003
tblVehicleEF	HHD	1.0990e-003	1.5640e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.66	0.61
tblVehicleEF	HHD	1.0730e-003	1.4030e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.36	0.57
tblVehicleEF	HHD	1.47	2.43
tblVehicleEF	HHD	5.1350e-003	5.1410e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.5290e-003	1.7740e-003
tblVehicleEF	HHD	1.0990e-003	1.5640e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.75	0.69
tblVehicleEF	HHD	1.0730e-003	1.4030e-003
tblVehicleEF	HHD	0.24	0.26

tblVehicleEF	HHD	0.36	0.57
tblVehicleEF	HHD	1.57	2.59
tblVehicleEF	LDA	9.7290e-003	4.7510e-003
tblVehicleEF	LDA	6.8420e-003	8.5820e-003
tblVehicleEF	LDA	0.71	0.82
tblVehicleEF	LDA	1.59	1.98
tblVehicleEF	LDA	224.06	189.95
tblVehicleEF	LDA	47.36	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	2.0140e-003	1.8230e-003
tblVehicleEF	LDA	4.3870e-003	3.4360e-003
tblVehicleEF	LDA	1.8680e-003	1.6910e-003
tblVehicleEF	LDA	4.0710e-003	3.1870e-003
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.19	0.23
tblVehicleEF	LDA	0.12	0.15
tblVehicleEF	LDA	3.5660e-003	3.5610e-003
tblVehicleEF	LDA	7.6500e-004	7.7000e-004
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.19	0.23
tblVehicleEF	LDA	0.13	0.16
tblVehicleEF	LDA	9.7290e-003	0.01

tblVehicleEF	LDA	6.8420e-003	8.5820e-003
tblVehicleEF	LDA	0.80	0.92
tblVehicleEF	LDA	1.19	1.48
tblVehicleEF	LDA	236.86	258.13
tblVehicleEF	LDA	47.36	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.08	0.09
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	2.0140e-003	1.8230e-003
tblVehicleEF	LDA	4.3870e-003	3.4360e-003
tblVehicleEF	LDA	1.8680e-003	1.6910e-003
tblVehicleEF	LDA	4.0710e-003	3.1870e-003
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.18	0.21
tblVehicleEF	LDA	0.10	0.12
tblVehicleEF	LDA	3.7710e-003	3.7660e-003
tblVehicleEF	LDA	7.5800e-004	7.6100e-004
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.18	0.21
tblVehicleEF	LDA	0.11	0.13
tblVehicleEF	LDA	9.7290e-003	0.01
tblVehicleEF	LDA	6.8420e-003	8.5820e-003
tblVehicleEF	LDA	0.69	0.81
tblVehicleEF	LDA	1.74	2.17

tblVehicleEF	LDA	221.74	241.74
tblVehicleEF	LDA	47.36	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.09	0.10
tblVehicleEF	LDA	0.09	0.11
tblVehicleEF	LDA	2.0140e-003	1.8230e-003
tblVehicleEF	LDA	4.3870e-003	3.4360e-003
tblVehicleEF	LDA	1.8680e-003	1.6910e-003
tblVehicleEF	LDA	4.0710e-003	3.1870e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.23	0.27
tblVehicleEF	LDA	0.13	0.16
tblVehicleEF	LDA	3.5290e-003	3.5240e-003
tblVehicleEF	LDA	7.6700e-004	7.7300e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.23	0.27
tblVehicleEF	LDA	0.14	0.17
tblVehicleEF	LDT1	0.01	5.5520e-003
tblVehicleEF	LDT1	9.8570e-003	0.02
tblVehicleEF	LDT1	1.09	1.56
tblVehicleEF	LDT1	2.47	3.69
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tblVehicleEF	LDT1	0.07	0.07

tblVehicleEF	LDT1	0.12	0.17
tblVehicleEF	LDT1	0.15	0.21
tblVehicleEF	LDT1	2.5610e-003	2.9460e-003
tblVehicleEF	LDT1	4.5840e-003	4.4870e-003
tblVehicleEF	LDT1	2.3760e-003	2.7320e-003
tblVehicleEF	LDT1	4.2530e-003	4.1620e-003
tblVehicleEF	LDT1	0.08	0.10
tblVehicleEF	LDT1	0.19	0.23
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.63	0.78
tblVehicleEF	LDT1	0.17	0.27
tblVehicleEF	LDT1	4.1390e-003	4.1300e-003
tblVehicleEF	LDT1	8.9600e-004	9.1200e-004
tblVehicleEF	LDT1	0.08	0.10
tblVehicleEF	LDT1	0.19	0.23
tblVehicleEF	LDT1	0.09	0.10
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.63	0.78
tblVehicleEF	LDT1	0.19	0.29
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	9.8570e-003	0.02
tblVehicleEF	LDT1	1.21	1.72
tblVehicleEF	LDT1	1.86	2.77
tblVehicleEF	LDT1	291.51	313.82
tblVehicleEF	LDT1	58.84	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.11	0.16
tblVehicleEF	LDT1	0.13	0.20
tblVehicleEF	LDT1	2.5610e-003	2.9460e-003

tblVehicleEF	LDT1	4.5840e-003	4.4870e-003
tblVehicleEF	LDT1	2.3760e-003	2.7320e-003
tblVehicleEF	LDT1	4.2530e-003	4.1620e-003
tblVehicleEF	LDT1	0.12	0.15
tblVehicleEF	LDT1	0.20	0.25
tblVehicleEF	LDT1	0.14	0.17
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.57	0.71
tblVehicleEF	LDT1	0.14	0.22
tblVehicleEF	LDT1	4.3670e-003	4.3560e-003
tblVehicleEF	LDT1	8.8600e-004	8.9600e-004
tblVehicleEF	LDT1	0.12	0.15
tblVehicleEF	LDT1	0.20	0.25
tblVehicleEF	LDT1	0.14	0.17
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.57	0.71
tblVehicleEF	LDT1	0.15	0.24
tblVehicleEF	LDT1	0.01	0.02
tblVehicleEF	LDT1	9.8570e-003	0.02
tblVehicleEF	LDT1	1.07	1.53
tblVehicleEF	LDT1	2.70	4.04
tblVehicleEF	LDT1	273.72	294.90
tblVehicleEF	LDT1	58.84	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.12	0.18
tblVehicleEF	LDT1	0.15	0.22
tblVehicleEF	LDT1	2.5610e-003	2.9460e-003
tblVehicleEF	LDT1	4.5840e-003	4.4870e-003
tblVehicleEF	LDT1	2.3760e-003	2.7320e-003
tblVehicleEF	LDT1	4.2530e-003	4.1620e-003

tblVehicleEF	LDT1	0.06	0.08
tblVehicleEF	LDT1	0.21	0.26
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.77	0.97
tblVehicleEF	LDT1	0.19	0.29
tblVehicleEF	LDT1	4.0980e-003	4.0890e-003
tblVehicleEF	LDT1	9.0000e-004	9.1800e-004
tblVehicleEF	LDT1	0.06	0.08
tblVehicleEF	LDT1	0.21	0.26
tblVehicleEF	LDT1	0.07	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.77	0.97
tblVehicleEF	LDT1	0.20	0.31
tblVehicleEF	LDT2	0.01	3.3410e-003
tblVehicleEF	LDT2	5.4980e-003	8.2780e-003
tblVehicleEF	LDT2	0.73	0.93
tblVehicleEF	LDT2	1.51	2.20
tblVehicleEF	LDT2	343.81	249.77
tblVehicleEF	LDT2	72.62	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.08	0.11
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	1.9610e-003	1.7600e-003
tblVehicleEF	LDT2	4.2550e-003	3.3350e-003
tblVehicleEF	LDT2	1.8200e-003	1.6320e-003
tblVehicleEF	LDT2	3.9480e-003	3.0930e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.06	0.06

tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.35	0.40
tblVehicleEF	LDT2	0.10	0.15
tblVehicleEF	LDT2	4.8490e-003	4.8440e-003
tblVehicleEF	LDT2	1.0330e-003	1.0420e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.11	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.35	0.40
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	5.4980e-003	8.2780e-003
tblVehicleEF	LDT2	0.82	1.04
tblVehicleEF	LDT2	1.13	1.65
tblVehicleEF	LDT2	362.93	384.93
tblVehicleEF	LDT2	72.62	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.08	0.10
tblVehicleEF	LDT2	0.11	0.17
tblVehicleEF	LDT2	1.9610e-003	1.7600e-003
tblVehicleEF	LDT2	4.2550e-003	3.3350e-003
tblVehicleEF	LDT2	1.8200e-003	1.6320e-003
tblVehicleEF	LDT2	3.9480e-003	3.0930e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.11	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.32	0.37
tblVehicleEF	LDT2	0.08	0.12

tblVehicleEF	LDT2	5.1200e-003	5.1150e-003
tblVehicleEF	LDT2	1.0270e-003	1.0320e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.11	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.32	0.37
tblVehicleEF	LDT2	0.09	0.13
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	5.4980e-003	8.2780e-003
tblVehicleEF	LDT2	0.71	0.91
tblVehicleEF	LDT2	1.65	2.41
tblVehicleEF	LDT2	340.35	361.06
tblVehicleEF	LDT2	72.62	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.08	0.11
tblVehicleEF	LDT2	0.12	0.19
tblVehicleEF	LDT2	1.9610e-003	1.7600e-003
tblVehicleEF	LDT2	4.2550e-003	3.3350e-003
tblVehicleEF	LDT2	1.8200e-003	1.6320e-003
tblVehicleEF	LDT2	3.9480e-003	3.0930e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.42	0.49
tblVehicleEF	LDT2	0.10	0.16
tblVehicleEF	LDT2	4.8000e-003	4.7950e-003
tblVehicleEF	LDT2	1.0350e-003	1.0450e-003
tblVehicleEF	LDT2	0.03	0.04

tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.42	0.49
tblVehicleEF	LDT2	0.11	0.17
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	4.8480e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.94	1.50
tblVehicleEF	LHD1	2.97	3.75
tblVehicleEF	LHD1	7.98	7.98
tblVehicleEF	LHD1	733.49	516.62
tblVehicleEF	LHD1	37.10	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.83	1.23
tblVehicleEF	LHD1	1.02	1.16
tblVehicleEF	LHD1	6.6900e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3730e-003	9.3720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.6500e-004	8.6400e-004
tblVehicleEF	LHD1	6.1500e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.2500e-004	8.0000e-004
tblVehicleEF	LHD1	1.7270e-003	2.0350e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03

tblVehicleEF	LHD1	1.4850e-003	1.6100e-003
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tblVehicleEF	LHD1	0.42	0.48
tblVehicleEF	LHD1	0.25	0.34
tblVehicleEF	LHD1	8.0690e-003	8.0840e-003
tblVehicleEF	LHD1	4.6600e-004	4.7500e-004
tblVehicleEF	LHD1	1.7270e-003	2.0350e-003
tblVehicleEF	LHD1	0.06	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4850e-003	1.6100e-003
tblVehicleEF	LHD1	0.11	0.17
tblVehicleEF	LHD1	0.42	0.48
tblVehicleEF	LHD1	0.26	0.36
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
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tblVehicleEF	LHD1	2.33	2.93
tblVehicleEF	LHD1	733.49	734.00
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tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.79	1.17
tblVehicleEF	LHD1	0.97	1.11
tblVehicleEF	LHD1	6.6900e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3730e-003	9.3720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.6500e-004	8.6400e-004

tblVehicleEF	LHD1	6.1500e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.2500e-004	8.0000e-004
tblVehicleEF	LHD1	2.5090e-003	2.9700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4990e-003	2.7670e-003
tblVehicleEF	LHD1	0.09	0.15
tblVehicleEF	LHD1	0.41	0.46
tblVehicleEF	LHD1	0.22	0.29
tblVehicleEF	LHD1	8.0690e-003	8.0840e-003
tblVehicleEF	LHD1	4.5500e-004	4.6100e-004
tblVehicleEF	LHD1	2.5090e-003	2.9700e-003
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.4990e-003	2.7670e-003
tblVehicleEF	LHD1	0.11	0.17
tblVehicleEF	LHD1	0.41	0.46
tblVehicleEF	LHD1	0.23	0.31
tblVehicleEF	LHD1	1.1280e-003	1.1720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.94	1.49
tblVehicleEF	LHD1	3.26	4.11
tblVehicleEF	LHD1	733.49	734.00
tblVehicleEF	LHD1	37.10	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06

tblVehicleEF	LHD1	0.83	1.22
tblVehicleEF	LHD1	1.04	1.18
tblVehicleEF	LHD1	6.6900e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3730e-003	9.3720e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	5.6500e-004	8.6400e-004
tblVehicleEF	LHD1	6.1500e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.2500e-004	8.0000e-004
tblVehicleEF	LHD1	1.5580e-003	1.8970e-003
tblVehicleEF	LHD1	0.07	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3090e-003	1.4220e-003
tblVehicleEF	LHD1	0.09	0.14
tblVehicleEF	LHD1	0.47	0.53
tblVehicleEF	LHD1	0.26	0.36
tblVehicleEF	LHD1	8.0680e-003	8.0830e-003
tblVehicleEF	LHD1	4.7100e-004	4.8200e-004
tblVehicleEF	LHD1	1.5580e-003	1.8970e-003
tblVehicleEF	LHD1	0.07	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3090e-003	1.4220e-003
tblVehicleEF	LHD1	0.11	0.17
tblVehicleEF	LHD1	0.47	0.53
tblVehicleEF	LHD1	0.28	0.38
tblVehicleEF	LHD2	8.4500e-004	8.7100e-004
tblVehicleEF	LHD2	8.4540e-003	2.4210e-003
tblVehicleEF	LHD2	6.7880e-003	9.6180e-003

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tblVehicleEF	LHD2	0.72	0.99
tblVehicleEF	LHD2	1.48	1.83
tblVehicleEF	LHD2	621.96	560.43
tblVehicleEF	LHD2	22.61	22.28
tblVehicleEF	LHD2	5.1990e-003	5.1400e-003
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tblVehicleEF	LHD2	1.15	1.78
tblVehicleEF	LHD2	0.58	0.66
tblVehicleEF	LHD2	1.2750e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.1600e-004	3.8000e-004
tblVehicleEF	LHD2	1.1730e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.0100e-004	3.5100e-004
tblVehicleEF	LHD2	7.6300e-004	9.4700e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0800e-004	7.9100e-004
tblVehicleEF	LHD2	0.09	0.13
tblVehicleEF	LHD2	0.17	0.22
tblVehicleEF	LHD2	0.12	0.17
tblVehicleEF	LHD2	6.7610e-003	6.7800e-003
tblVehicleEF	LHD2	2.7800e-004	2.8100e-004
tblVehicleEF	LHD2	7.6300e-004	9.4700e-004
tblVehicleEF	LHD2	0.03	0.04

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.0800e-004	7.9100e-004
tblVehicleEF	LHD2	0.10	0.15
tblVehicleEF	LHD2	0.17	0.22
tblVehicleEF	LHD2	0.13	0.18
tblVehicleEF	LHD2	8.4500e-004	8.7100e-004
tblVehicleEF	LHD2	8.4540e-003	0.01
tblVehicleEF	LHD2	6.7880e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.72	1.00
tblVehicleEF	LHD2	1.16	1.44
tblVehicleEF	LHD2	621.96	623.36
tblVehicleEF	LHD2	22.61	22.28
tblVehicleEF	LHD2	5.1990e-003	5.1400e-003
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tblVehicleEF	LHD2	1.11	1.72
tblVehicleEF	LHD2	0.55	0.63
tblVehicleEF	LHD2	1.2750e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.1600e-004	3.8000e-004
tblVehicleEF	LHD2	1.1730e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.0100e-004	3.5100e-004
tblVehicleEF	LHD2	1.1090e-003	1.3820e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	1.1880e-003	1.3590e-003
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tblVehicleEF	LHD2	0.16	0.21
tblVehicleEF	LHD2	0.11	0.15
tblVehicleEF	LHD2	6.7610e-003	6.7800e-003
tblVehicleEF	LHD2	2.7200e-004	2.7400e-004
tblVehicleEF	LHD2	1.1090e-003	1.3820e-003
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.1880e-003	1.3590e-003
tblVehicleEF	LHD2	0.10	0.15
tblVehicleEF	LHD2	0.16	0.21
tblVehicleEF	LHD2	0.11	0.16
tblVehicleEF	LHD2	8.4500e-004	8.7100e-004
tblVehicleEF	LHD2	8.4540e-003	0.01
tblVehicleEF	LHD2	6.7880e-003	9.6180e-003
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tblVehicleEF	LHD2	0.72	0.98
tblVehicleEF	LHD2	1.62	2.01
tblVehicleEF	LHD2	621.96	623.36
tblVehicleEF	LHD2	22.61	22.28
tblVehicleEF	LHD2	5.1990e-003	5.1400e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	1.15	1.78
tblVehicleEF	LHD2	0.59	0.67
tblVehicleEF	LHD2	1.2750e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.1600e-004	3.8000e-004

tblVehicleEF	LHD2	1.1730e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	2.0100e-004	3.5100e-004
tblVehicleEF	LHD2	6.6800e-004	8.6500e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2100e-004	6.9500e-004
tblVehicleEF	LHD2	0.09	0.13
tblVehicleEF	LHD2	0.19	0.24
tblVehicleEF	LHD2	0.13	0.18
tblVehicleEF	LHD2	6.7610e-003	6.7800e-003
tblVehicleEF	LHD2	2.8000e-004	2.8400e-004
tblVehicleEF	LHD2	6.6800e-004	8.6500e-004
tblVehicleEF	LHD2	0.03	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2100e-004	6.9500e-004
tblVehicleEF	LHD2	0.10	0.15
tblVehicleEF	LHD2	0.19	0.24
tblVehicleEF	LHD2	0.14	0.19
tblVehicleEF	MCY	0.00	0.52
tblVehicleEF	MCY	25.73	0.00
tblVehicleEF	MCY	10.40	10.27
tblVehicleEF	MCY	158.11	184.05
tblVehicleEF	MCY	37.09	38.51
tblVehicleEF	MCY	6.5110e-003	6.5640e-003
tblVehicleEF	MCY	1.22	1.24
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.9400e-004	3.9100e-004

tblVehicleEF	MCY	7.2800e-004	9.6800e-004
tblVehicleEF	MCY	2.5300e-004	3.2800e-004
tblVehicleEF	MCY	6.2700e-004	8.0400e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.52	0.52
tblVehicleEF	MCY	2.83	2.95
tblVehicleEF	MCY	1.16	1.26
tblVehicleEF	MCY	2.08	2.11
tblVehicleEF	MCY	2.2490e-003	2.2740e-003
tblVehicleEF	MCY	6.4100e-004	6.5600e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.52	0.52
tblVehicleEF	MCY	3.09	3.22
tblVehicleEF	MCY	1.16	1.26
tblVehicleEF	MCY	2.23	2.27
tblVehicleEF	MCY	24.34	26.61
tblVehicleEF	MCY	8.84	8.79
tblVehicleEF	MCY	158.11	156.52
tblVehicleEF	MCY	37.09	38.51
tblVehicleEF	MCY	6.5110e-003	6.5640e-003
tblVehicleEF	MCY	1.10	1.11
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.9400e-004	3.9100e-004
tblVehicleEF	MCY	7.2800e-004	9.6800e-004
tblVehicleEF	MCY	2.5300e-004	3.2800e-004
tblVehicleEF	MCY	6.2700e-004	8.0400e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.44	0.46

tblVehicleEF	MCY	1.10	1.11
tblVehicleEF	MCY	2.76	2.86
tblVehicleEF	MCY	1.04	1.13
tblVehicleEF	MCY	1.79	1.81
tblVehicleEF	MCY	2.2250e-003	2.2460e-003
tblVehicleEF	MCY	6.0700e-004	6.2300e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.44	0.46
tblVehicleEF	MCY	1.10	1.11
tblVehicleEF	MCY	3.01	3.12
tblVehicleEF	MCY	1.04	1.13
tblVehicleEF	MCY	1.92	1.94
tblVehicleEF	MCY	26.66	29.25
tblVehicleEF	MCY	11.11	10.95
tblVehicleEF	MCY	158.11	156.52
tblVehicleEF	MCY	37.09	38.51
tblVehicleEF	MCY	6.5110e-003	6.5640e-003
tblVehicleEF	MCY	1.23	1.25
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	2.9400e-004	3.9100e-004
tblVehicleEF	MCY	7.2800e-004	9.6800e-004
tblVehicleEF	MCY	2.5300e-004	3.2800e-004
tblVehicleEF	MCY	6.2700e-004	8.0400e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.50	0.53
tblVehicleEF	MCY	0.39	0.40
tblVehicleEF	MCY	2.88	3.00
tblVehicleEF	MCY	1.46	1.56
tblVehicleEF	MCY	2.21	2.25
tblVehicleEF	MCY	2.2650e-003	2.2920e-003

tblVehicleEF	MCY	6.5600e-004	6.7100e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.50	0.53
tblVehicleEF	MCY	0.39	0.40
tblVehicleEF	MCY	3.14	3.27
tblVehicleEF	MCY	1.46	1.56
tblVehicleEF	MCY	2.37	2.41
tblVehicleEF	MDV	0.02	4.9470e-003
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	1.20	1.68
tblVehicleEF	MDV	2.97	4.19
tblVehicleEF	MDV	461.65	321.03
tblVehicleEF	MDV	97.53	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.16	0.22
tblVehicleEF	MDV	0.26	0.38
tblVehicleEF	MDV	3.9950e-003	3.4670e-003
tblVehicleEF	MDV	1.8930e-003	1.8870e-003
tblVehicleEF	MDV	3.7070e-003	3.2110e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.19	0.20
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.56	0.60
tblVehicleEF	MDV	0.23	0.34
tblVehicleEF	MDV	6.2010e-003	6.1880e-003
tblVehicleEF	MDV	1.3330e-003	1.3480e-003
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.19	0.20
tblVehicleEF	MDV	0.09	0.09

tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.56	0.60
tblVehicleEF	MDV	0.24	0.36
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	1.34	1.86
tblVehicleEF	MDV	2.22	3.15
tblVehicleEF	MDV	487.06	516.30
tblVehicleEF	MDV	97.53	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.14	0.21
tblVehicleEF	MDV	0.24	0.35
tblVehicleEF	MDV	3.9950e-003	3.4670e-003
tblVehicleEF	MDV	1.8930e-003	1.8870e-003
tblVehicleEF	MDV	3.7070e-003	3.2110e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.03	0.05
tblVehicleEF	MDV	0.52	0.56
tblVehicleEF	MDV	0.19	0.28
tblVehicleEF	MDV	6.5450e-003	6.5290e-003
tblVehicleEF	MDV	1.3200e-003	1.3290e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.20	0.21
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.52	0.56
tblVehicleEF	MDV	0.20	0.30
tblVehicleEF	MDV	0.02	0.02

tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	1.18	1.66
tblVehicleEF	MDV	3.25	4.58
tblVehicleEF	MDV	457.05	484.72
tblVehicleEF	MDV	97.53	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.16	0.23
tblVehicleEF	MDV	0.27	0.40
tblVehicleEF	MDV	3.9950e-003	3.4670e-003
tblVehicleEF	MDV	1.8930e-003	1.8870e-003
tblVehicleEF	MDV	3.7070e-003	3.2110e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.20	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.67	0.72
tblVehicleEF	MDV	0.24	0.36
tblVehicleEF	MDV	6.1390e-003	6.1260e-003
tblVehicleEF	MDV	1.3380e-003	1.3540e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.20	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.67	0.72
tblVehicleEF	MDV	0.26	0.39
tblVehicleEF	MH	0.00	9.6520e-003
tblVehicleEF	MH	0.75	2.03
tblVehicleEF	MH	4.89	6.63
tblVehicleEF	MH	681.53	1,203.65
tblVehicleEF	MH	28.13	28.25

tblVehicleEF	MH	3.4310e-003	3.4460e-003
tblVehicleEF	MH	1.02	1.38
tblVehicleEF	MH	0.60	0.74
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5460e-003	8.5470e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.6700e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.4100e-004	6.6300e-004
tblVehicleEF	MH	0.53	0.81
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.33	0.44
tblVehicleEF	MH	0.05	0.10
tblVehicleEF	MH	1.08	1.79
tblVehicleEF	MH	0.27	0.37
tblVehicleEF	MH	7.4980e-003	7.5150e-003
tblVehicleEF	MH	3.9700e-004	4.2900e-004
tblVehicleEF	MH	0.53	0.81
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.33	0.44
tblVehicleEF	MH	0.07	0.12
tblVehicleEF	MH	1.08	1.79
tblVehicleEF	MH	0.28	0.39
tblVehicleEF	MH	0.76	2.09
tblVehicleEF	MH	3.80	5.08
tblVehicleEF	MH	681.53	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4310e-003	3.4460e-003
tblVehicleEF	MH	0.97	1.30

tblVehicleEF	MH	0.57	0.71
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5460e-003	8.5470e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.6700e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.4100e-004	6.6300e-004
tblVehicleEF	MH	0.74	1.11
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.57	0.76
tblVehicleEF	MH	0.05	0.10
tblVehicleEF	MH	1.04	1.74
tblVehicleEF	MH	0.23	0.31
tblVehicleEF	MH	7.4980e-003	7.5160e-003
tblVehicleEF	MH	3.7900e-004	4.0300e-004
tblVehicleEF	MH	0.74	1.11
tblVehicleEF	MH	0.05	0.07
tblVehicleEF	MH	0.57	0.76
tblVehicleEF	MH	0.07	0.12
tblVehicleEF	MH	1.04	1.74
tblVehicleEF	MH	0.25	0.33
tblVehicleEF	MH	0.74	2.01
tblVehicleEF	MH	5.39	7.33
tblVehicleEF	MH	681.53	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.4310e-003	3.4460e-003
tblVehicleEF	MH	1.02	1.38
tblVehicleEF	MH	0.61	0.76
tblVehicleEF	MH	0.05	0.05

tblVehicleEF	MH	8.5460e-003	8.5470e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.6700e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	3.4100e-004	6.6300e-004
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tblVehicleEF	MH	0.05	0.09
tblVehicleEF	MH	0.30	0.41
tblVehicleEF	MH	0.05	0.10
tblVehicleEF	MH	1.16	1.92
tblVehicleEF	MH	0.28	0.39
tblVehicleEF	MH	7.4980e-003	7.5140e-003
tblVehicleEF	MH	4.0500e-004	4.4100e-004
tblVehicleEF	MH	0.53	0.84
tblVehicleEF	MH	0.05	0.09
tblVehicleEF	MH	0.30	0.41
tblVehicleEF	MH	0.07	0.12
tblVehicleEF	MH	1.16	1.92
tblVehicleEF	MH	0.30	0.42
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tblVehicleEF	MHD	4.5560e-003	2.3680e-003
tblVehicleEF	MHD	2.10	1.91
tblVehicleEF	MHD	0.50	0.77
tblVehicleEF	MHD	11.39	16.82
tblVehicleEF	MHD	572.68	572.06
tblVehicleEF	MHD	991.19	1,185.20
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.30	4.60

tblVehicleEF	MHD	0.94	1.79
tblVehicleEF	MHD	1.30	1.78
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.9300e-004	1.6820e-003
tblVehicleEF	MHD	7.0120e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8440e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.2900e-004	1.5330e-003
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tblVehicleEF	MHD	0.18	0.16
tblVehicleEF	MHD	1.3280e-003	1.6670e-003
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tblVehicleEF	MHD	0.66	0.98
tblVehicleEF	MHD	6.0710e-003	6.0640e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.4700e-004	8.4700e-004
tblVehicleEF	MHD	1.5330e-003	2.1230e-003
tblVehicleEF	MHD	0.07	0.09
tblVehicleEF	MHD	0.20	0.19
tblVehicleEF	MHD	1.3280e-003	1.6670e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.40	0.48
tblVehicleEF	MHD	0.71	1.04
tblVehicleEF	MHD	7.7630e-003	7.1760e-003

tblVehicleEF	MHD	4.5560e-003	5.1900e-003
tblVehicleEF	MHD	1.52	1.39
tblVehicleEF	MHD	0.50	0.78
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tblVehicleEF	MHD	991.19	995.11
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.41	4.74
tblVehicleEF	MHD	0.91	1.72
tblVehicleEF	MHD	1.24	1.70
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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.9300e-004	1.6820e-003
tblVehicleEF	MHD	5.9110e-003	9.0000e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8440e-003	2.8430e-003
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.2900e-004	1.5330e-003
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tblVehicleEF	MHD	0.11	0.13
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tblVehicleEF	MHD	0.57	0.83
tblVehicleEF	MHD	6.4310e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01

tblVehicleEF	MHD	7.0400e-004	7.8200e-004
tblVehicleEF	MHD	2.2580e-003	3.1680e-003
tblVehicleEF	MHD	0.08	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	2.2890e-003	3.0070e-003
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tblVehicleEF	MHD	991.19	995.11
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tblVehicleEF	MHD	3.16	4.39
tblVehicleEF	MHD	0.94	1.78
tblVehicleEF	MHD	1.33	1.82
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tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	8.9300e-004	1.6820e-003
tblVehicleEF	MHD	8.5320e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	2.8440e-003	2.8430e-003
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tblVehicleEF	OBUS	8.7930e-003	9.5470e-003

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tblVehicleEF	SBUS	591.82	579.49
tblVehicleEF	SBUS	1,011.31	1,024.49

tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	5.3400e-004	5.8600e-004
tblVehicleEF	SBUS	7.14	7.82
tblVehicleEF	SBUS	5.75	6.72
tblVehicleEF	SBUS	2.08	2.42
tblVehicleEF	SBUS	9.2660e-003	0.01
tblVehicleEF	SBUS	0.53	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4270e-003	5.1810e-003
tblVehicleEF	SBUS	8.5250e-003	0.01
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7000e-003	2.7220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.1800e-003	4.6650e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.19	0.21
tblVehicleEF	SBUS	0.10	0.09
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.34	0.39
tblVehicleEF	SBUS	1.32	1.43
tblVehicleEF	SBUS	1.51	1.95
tblVehicleEF	SBUS	6.2740e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.6790e-003	1.8010e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.19	0.21
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.38	0.44

tblVehicleEF	SBUS	1.32	1.43
tblVehicleEF	SBUS	1.61	2.08
tblVehicleEF	SBUS	5.4620e-003	4.8080e-003
tblVehicleEF	SBUS	6.1960e-003	5.3930e-003
tblVehicleEF	SBUS	1.72	1.45
tblVehicleEF	SBUS	3.11	4.22
tblVehicleEF	SBUS	29.38	36.98
tblVehicleEF	SBUS	512.80	502.12
tblVehicleEF	SBUS	1,011.31	1,024.49
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	5.3400e-004	5.8600e-004
tblVehicleEF	SBUS	6.61	7.24
tblVehicleEF	SBUS	5.97	6.98
tblVehicleEF	SBUS	2.28	2.67
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.53	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.4270e-003	5.1810e-003
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.23	0.23
tblVehicleEF	SBUS	2.7000e-003	2.7220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	3.1800e-003	4.6650e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.21	0.26
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.33	0.38
tblVehicleEF	SBUS	1.79	1.93

tblVehicleEF	SBUS	1.79	2.34
tblVehicleEF	SBUS	5.4360e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.7960e-003	1.9490e-003
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	0.21	0.26
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.36	0.43
tblVehicleEF	SBUS	1.79	1.93
tblVehicleEF	SBUS	1.91	2.50
tblVehicleEF	UBUS	2.81	3.03
tblVehicleEF	UBUS	5.20	5.66
tblVehicleEF	UBUS	1,960.19	1,941.11
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0270e-003	2.0620e-003
tblVehicleEF	UBUS	10.15	11.05
tblVehicleEF	UBUS	0.86	0.89
tblVehicleEF	UBUS	0.18	0.19
tblVehicleEF	UBUS	2.0000e-004	2.0500e-004
tblVehicleEF	UBUS	0.16	0.18
tblVehicleEF	UBUS	1.8500e-004	1.9000e-004
tblVehicleEF	UBUS	1.9540e-003	1.9740e-003
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.8470e-003	1.8420e-003
tblVehicleEF	UBUS	0.54	0.58
tblVehicleEF	UBUS	0.38	0.32
tblVehicleEF	UBUS	0.51	0.52
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5000e-004	3.5800e-004

tblVehicleEF	UBUS	1.9540e-003	1.9740e-003
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	1.8470e-003	1.8420e-003
tblVehicleEF	UBUS	0.61	0.66
tblVehicleEF	UBUS	0.38	0.32
tblVehicleEF	UBUS	0.54	0.56
tblVehicleEF	UBUS	2.84	3.06
tblVehicleEF	UBUS	4.28	4.66
tblVehicleEF	UBUS	1,960.19	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0270e-003	2.0620e-003
tblVehicleEF	UBUS	9.79	10.66
tblVehicleEF	UBUS	0.81	0.85
tblVehicleEF	UBUS	0.18	0.19
tblVehicleEF	UBUS	2.0000e-004	2.0500e-004
tblVehicleEF	UBUS	0.16	0.18
tblVehicleEF	UBUS	1.8500e-004	1.9000e-004
tblVehicleEF	UBUS	2.3750e-003	2.4040e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	3.2490e-003	3.2720e-003
tblVehicleEF	UBUS	0.54	0.59
tblVehicleEF	UBUS	0.34	0.29
tblVehicleEF	UBUS	0.45	0.47
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.3400e-004	3.4100e-004
tblVehicleEF	UBUS	2.3750e-003	2.4040e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	3.2490e-003	3.2720e-003
tblVehicleEF	UBUS	0.61	0.66
tblVehicleEF	UBUS	0.34	0.29

tblVehicleEF	UBUS	0.48	0.50
tblVehicleEF	UBUS	2.80	3.02
tblVehicleEF	UBUS	5.60	6.10
tblVehicleEF	UBUS	1,960.19	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	2.0270e-003	2.0620e-003
tblVehicleEF	UBUS	10.10	11.00
tblVehicleEF	UBUS	0.88	0.91
tblVehicleEF	UBUS	0.18	0.19
tblVehicleEF	UBUS	2.0000e-004	2.0500e-004
tblVehicleEF	UBUS	0.16	0.18
tblVehicleEF	UBUS	1.8500e-004	1.9000e-004
tblVehicleEF	UBUS	1.8620e-003	1.8930e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6830e-003	1.6820e-003
tblVehicleEF	UBUS	0.54	0.58
tblVehicleEF	UBUS	0.48	0.40
tblVehicleEF	UBUS	0.53	0.55
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.5700e-004	3.6600e-004
tblVehicleEF	UBUS	1.8620e-003	1.8930e-003
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	1.6830e-003	1.6820e-003
tblVehicleEF	UBUS	0.60	0.66
tblVehicleEF	UBUS	0.48	0.40
tblVehicleEF	UBUS	0.57	0.59
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00

tblVehicleTrips	ST_TR	10.08	10.00
tblVehicleTrips	ST_TR	42.04	120.00
tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00
tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentReduction	6.1	30
tblWoodstoves	NumberCatalytic	96.90	0.00
tblWoodstoves	NumberNoncatalytic	96.90	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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
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Category	tons/yr										MT/yr					
Area	32.4481	0.1657	14.3872	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9839	581.9839	0.0333	0.0102	585.8561
Energy	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	7,881.4885	7,881.4885	0.2483	0.1143	7,922.1242
Mobile	13.0644	27.5166	118.1578	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	19,512.1938	19,512.1938	0.6148	0.0000	19,525.1044
Waste						0.0000	0.0000		0.0000	0.0000	512.4466	0.0000	512.4466	30.2847	0.0000	1,148.4259
Water						0.0000	0.0000		0.0000	0.0000	43.2304	748.8802	792.1106	4.4714	0.1133	921.1450
Total	45.8714	30.7960	134.1896	0.3742	24.3027	0.7742	25.0770	6.4998	0.7423	7.2421	555.6771	28,724.5464	29,280.2234	35.6524	0.2379	30,102.6557

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	32.4420	0.1647	14.2836	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7720	581.7720	0.0329	0.0102	585.6374
Energy	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	7,585.9812	7,585.9812	0.2360	0.1109	7,625.3189
Mobile	13.0644	27.5166	118.1578	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	19,512.1938	19,512.1938	0.6148	0.0000	19,525.1044
Waste						0.0000	0.0000		0.0000	0.0000	409.9573	0.0000	409.9573	24.2278	0.0000	918.7407
Water						0.0000	0.0000		0.0000	0.0000	34.5843	566.7591	601.3435	3.5752	0.0902	704.3770
Total	45.8653	30.7950	134.0860	0.3741	24.3027	0.7736	25.0764	6.4998	0.7417	7.2415	444.5416	28,246.7061	28,691.2477	28.6867	0.2113	29,359.1785

	ROG	NOx	CO	SO2	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	0.01	0.00	0.08	0.00	0.00	0.08	0.00	0.00	0.08	0.01	20.00	1.66	2.01	19.54	11.15	2.47

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,950,685; Residential Outdoor: 4,316,895; Non-Residential Indoor: 2,496,441; Non-Residential Outdoor: 832,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37

Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	13.0644	27.5166	118.1578	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	19,512.1938	19,512.1938	0.6148	0.0000	19,525.1044
Unmitigated	13.0644	27.5166	118.1578	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	19,512.1938	19,512.1938	0.6148	0.0000	19,525.1044

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026
Condo/Townhouse	0.00	0.00	0.00		
Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	19,380.00	19,380.00	19380.00	55,335,779	55,335,779
Strip Mall	2,400.00	2,400.00	2400.00	3,696,079	3,696,079
Total	24,909.50	24,009.50	24,009.50	64,631,092	64,631,092

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300	0.073549	0.191092	0.130830	0.036094	0.005140	0.012550	0.022916	0.001871	0.002062	0.006564	0.000586	0.003446

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

- Install High Efficiency Lighting
- Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive 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					
NaturalGas Mitigated	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406
NaturalGas Unmitigated	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,033.4607	4,033.4607	0.1679	0.0458	4,051.1782
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,328.9680	4,328.9680	0.1802	0.0491	4,347.9836

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					

City Park	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005	9.8000e-004	9.8000e-004	9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120	
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005	6.8000e-004	6.8000e-004	6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713	
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003	0.0568	0.0568	0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801	
Single Family Housing	5.0842e+007	0.2742	2.3427	0.9969	0.0150	0.1894	0.1894	0.1894	0.1894	0.0000	2,713.1215	2,713.1215	0.0520	0.0497	2,729.6331	
Strip Mall	41800	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005	1.6000e-004	1.6000e-004	1.6000e-004	1.6000e-004	0.0000	2.2306	2.2306	4.0000e-005	4.0000e-005	2.2442	
Total		0.3590	3.1138	1.6446	0.0196	0.2480	0.2480	0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406	

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003		0.0568	0.0568		0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801
Single Family Housing	5.0842e+007	0.2742	2.3427	0.9969	0.0150		0.1894	0.1894		0.1894	0.1894	0.0000	2,713.1215	2,713.1215	0.0520	0.0497	2,729.6331
Strip Mall	41800	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2306	2.2306	4.0000e-005	4.0000e-005	2.2442
Total		0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	278399	66.7527	2.7800e-003	7.6000e-004	67.0460
Government Office Building	137500	32.9689	1.3700e-003	3.7000e-004	33.1137
Hotel	3.86813e+006	927.4744	0.0386	0.0105	931.5485
Single Family Housing	1.35066e+007	3,238.5197	0.1348	0.0368	3,252.7454
Strip Mall	263800	63.2522	2.6300e-003	7.2000e-004	63.5301
Total		4,328.9680	0.1802	0.0491	4,347.9836

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	256428	61.4847	2.5600e-003	7.0000e-004	61.7548
Government Office Building	131005	31.4115	1.3100e-003	3.6000e-004	31.5495

Hotel	3.60198e+006	863.6584	0.0359	9.8000e-003	867.4521
Single Family Housing	1.25897e+007	3,018.6819	0.1256	0.0343	3,031.9419
Strip Mall	242830	58.2242	2.4200e-003	6.6000e-004	58.4800
Total		4,033.4607	0.1679	0.0458	4,051.1782

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw

	ROG	NOx	CO	SO2	Fugitive 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	32.4420	0.1647	14.2836	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7720	581.7720	0.0329	0.0102	585.6374
Unmitigated	32.4481	0.1657	14.3872	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9839	581.9839	0.0333	0.0102	585.8561

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	0.4821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4324	0.1657	14.3841	7.6000e-004		0.0798	0.0798		0.0798	0.0798	0.0000	23.5210	23.5210	0.0226	0.0000	23.9945
Total	32.4481	0.1657	14.3872	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9839	581.9839	0.0333	0.0102	585.8561

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	0.4821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4263	0.1646	14.2805	7.5000e-004		0.0792	0.0792		0.0792	0.0792	0.0000	23.3090	23.3090	0.0222	0.0000	23.7758
Total	32.4420	0.1646	14.2836	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7720	581.7720	0.0329	0.0102	585.6374

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			
Unmitigated	792.1106	4.4714	0.1133	921.1450
Mitigated	601.3435	3.5752	0.0902	704.3770

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	94.2668	3.9200e-003	1.0700e-003	94.6809
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.45454 / 3.74026	14.9663	0.0480	1.2800e-003	16.3723
Government Office Building	1.9866 / 1.21759	10.0761	0.0651	1.6400e-003	11.9508
Hotel	5.07335 / 0.563706	18.9507	0.1660	4.1000e-003	23.7085
Single Family Housing	126.269 / 79.6041	646.3367	4.1397	0.1040	765.5205
Strip Mall	1.48145 / 0.907986	7.5140	0.0486	1.2200e-003	8.9120
Total		792.1106	4.4714	0.1133	921.1450

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 24.7709	65.9868	2.7500e-003	7.5000e-004	66.2766
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.16364 / 2.61818	10.9767	0.0384	1.0100e-003	12.0965
Government Office Building	1.58928 / 0.852314	7.7365	0.0521	1.3000e-003	9.2341
Hotel	4.05868 / 0.394594	15.0104	0.1328	3.2700e-003	18.8141
Single Family Housing	101.015 / 55.7228	495.8638	3.3104	0.0829	591.0696
Strip Mall	1.18516 / 0.63559	5.7693	0.0388	9.7000e-004	6.8861
Total		601.3435	3.5753	0.0902	704.3770

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	409.9573	24.2278	0.0000	918.7407
Unmitigated	512.4466	30.2847	0.0000	1,148.4259

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2272.63	461.3234	27.2634	0.0000	1,033.8554
Strip Mall	21	4.2628	0.2519	0.0000	9.5532
Total		512.4466	30.2847	0.0000	1,148.4259

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.04	0.4141	0.0245	0.0000	0.9280
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000

Elementary School	87.6	17.7820	1.0509	0.0000	39.8506
Government Office Building	7.44	1.5103	0.0893	0.0000	3.3846
Hotel	87.6	17.7820	1.0509	0.0000	39.8506
Single Family Housing	1818.1	369.0587	21.8107	0.0000	827.0843
Strip Mall	16.8	3.4103	0.2015	0.0000	7.6426
Total		409.9573	24.2278	0.0000	918.7407

9.0 Operational Offroad

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

Otay Ranch Village 13, Mitigated, 2050
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	57.00	Dwelling Unit	13.10	57,000.00	163
Single Family Housing	1,881.00	Dwelling Unit	525.00	6,207,300.00	5380
Strip Mall	40.00	1000sqft	1.00	40,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2035
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	528.61	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Energy Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2526438	0
tblAreaCoating	Area_Residential_Exterior	4228403	0
tblAreaCoating	Area_Residential_Interior	12685208	0

tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	9,300.00	0.00
tblConstructionPhase	NumDays	600.00	0.00
tblConstructionPhase	NumDays	930.00	0.00
tblConstructionPhase	NumDays	660.00	0.00
tblConstructionPhase	NumDays	360.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblEnergyUse	T24E	206.69	158.53
tblEnergyUse	T24E	1.86	1.45
tblEnergyUse	T24E	5.69	4.45
tblEnergyUse	T24E	5.84	4.57
tblEnergyUse	T24E	425.62	270.69
tblEnergyUse	T24E	3.89	3.04
tblEnergyUse	T24NG	10,789.48	10,379.48
tblEnergyUse	T24NG	5.72	4.76
tblEnergyUse	T24NG	16.83	14.00
tblEnergyUse	T24NG	49.75	41.39
tblEnergyUse	T24NG	21,834.49	20,415.25
tblEnergyUse	T24NG	1.20	1.00
tblFireplaces	FireplaceDayYear	82.00	30.00

tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	NumberGas	31.35	57.00
tblFireplaces	NumberGas	1,034.55	1,881.00
tblFireplaces	NumberWood	19.95	0.00
tblFireplaces	NumberWood	658.35	0.00
tblLandUse	LandUseSquareFeet	3,385,800.00	6,207,300.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	3.56	13.10
tblLandUse	LotAcreage	610.71	525.00
tblLandUse	LotAcreage	0.92	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	528.61
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	WorkerTripNumber	18.00	10.00

tblTripsAndVMT	WorkerTripNumber	13.00	5.00
tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,421.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	284.00	0.00
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.5580e-003	5.8892e-003
tblVehicleEF	HHD	3.47	3.16
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tblVehicleEF	HHD	3.42	4.25
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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	3.8600e-004	1.7690e-003
tblVehicleEF	HHD	8.2730e-003	9.2620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7350e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.5800e-004	1.5800e-003
tblVehicleEF	HHD	1.1520e-003	1.7100e-003
tblVehicleEF	HHD	0.06	0.10
tblVehicleEF	HHD	0.62	0.56

tblVehicleEF	HHD	1.2090e-003	1.6090e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.31	0.52
tblVehicleEF	HHD	0.98	2.25
tblVehicleEF	HHD	5.5930e-003	5.6010e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.3910e-003	1.6590e-003
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tblVehicleEF	HHD	0.70	0.64
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tblVehicleEF	HHD	2.52	2.30
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tblVehicleEF	HHD	1,540.04	1,547.78
tblVehicleEF	HHD	49.32	50.38
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tblVehicleEF	HHD	3.31	4.09
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tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07

tblVehicleEF	HHD	3.8600e-004	1.7690e-003
tblVehicleEF	HHD	6.9740e-003	7.8080e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7350e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.5800e-004	1.5800e-003
tblVehicleEF	HHD	1.6740e-003	2.6610e-003
tblVehicleEF	HHD	0.06	0.10
tblVehicleEF	HHD	0.58	0.53
tblVehicleEF	HHD	1.9950e-003	3.0730e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.30	0.51
tblVehicleEF	HHD	0.85	1.85
tblVehicleEF	HHD	5.9260e-003	5.9330e-003
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tblVehicleEF	HHD	1.6740e-003	2.6610e-003
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tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	1.9950e-003	3.0730e-003
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tblVehicleEF	HHD	0.30	0.51
tblVehicleEF	HHD	0.91	1.97
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.5580e-003	0.01
tblVehicleEF	HHD	4.78	4.35
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tblVehicleEF	HHD	1,540.04	1,547.78

tblVehicleEF	HHD	49.32	50.38
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tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	3.8600e-004	1.7690e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7350e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.5800e-004	1.5800e-003
tblVehicleEF	HHD	9.5800e-004	1.5640e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.66	0.61
tblVehicleEF	HHD	1.0610e-003	1.4030e-003
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tblVehicleEF	HHD	1.04	2.43
tblVehicleEF	HHD	5.1340e-003	5.1410e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4710e-003	1.7740e-003
tblVehicleEF	HHD	9.5800e-004	1.5640e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.76	0.69
tblVehicleEF	HHD	1.0610e-003	1.4030e-003
tblVehicleEF	HHD	0.24	0.26

tblVehicleEF	HHD	0.35	0.57
tblVehicleEF	HHD	1.11	2.59
tblVehicleEF	LDA	9.2000e-003	4.1815e-003
tblVehicleEF	LDA	6.1170e-003	8.5820e-003
tblVehicleEF	LDA	0.66	0.82
tblVehicleEF	LDA	1.43	1.98
tblVehicleEF	LDA	212.11	165.54
tblVehicleEF	LDA	44.09	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	2.1900e-003	1.8230e-003
tblVehicleEF	LDA	5.3240e-003	3.4360e-003
tblVehicleEF	LDA	2.0320e-003	1.6910e-003
tblVehicleEF	LDA	4.9390e-003	3.1870e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.09
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.17	0.23
tblVehicleEF	LDA	0.11	0.15
tblVehicleEF	LDA	3.5650e-003	3.5610e-003
tblVehicleEF	LDA	7.6300e-004	7.7000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.09
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.17	0.23
tblVehicleEF	LDA	0.12	0.16
tblVehicleEF	LDA	9.2000e-003	0.01

tblVehicleEF	LDA	6.1170e-003	8.5820e-003
tblVehicleEF	LDA	0.74	0.92
tblVehicleEF	LDA	1.07	1.48
tblVehicleEF	LDA	224.28	258.13
tblVehicleEF	LDA	44.09	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.07	0.10
tblVehicleEF	LDA	2.1900e-003	1.8230e-003
tblVehicleEF	LDA	5.3240e-003	3.4360e-003
tblVehicleEF	LDA	2.0320e-003	1.6910e-003
tblVehicleEF	LDA	4.9390e-003	3.1870e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.03	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.16	0.21
tblVehicleEF	LDA	0.09	0.12
tblVehicleEF	LDA	3.7710e-003	3.7660e-003
tblVehicleEF	LDA	7.5600e-004	7.6100e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.03	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.21
tblVehicleEF	LDA	0.10	0.13
tblVehicleEF	LDA	9.2000e-003	0.01
tblVehicleEF	LDA	6.1170e-003	8.5820e-003
tblVehicleEF	LDA	0.65	0.81
tblVehicleEF	LDA	1.57	2.17

tblVehicleEF	LDA	209.91	241.74
tblVehicleEF	LDA	44.09	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	2.1900e-003	1.8230e-003
tblVehicleEF	LDA	5.3240e-003	3.4360e-003
tblVehicleEF	LDA	2.0320e-003	1.6910e-003
tblVehicleEF	LDA	4.9390e-003	3.1870e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.21	0.27
tblVehicleEF	LDA	0.12	0.16
tblVehicleEF	LDA	3.5280e-003	3.5240e-003
tblVehicleEF	LDA	7.6500e-004	7.7300e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.21	0.27
tblVehicleEF	LDA	0.12	0.17
tblVehicleEF	LDT1	9.3800e-003	1.7651e-003
tblVehicleEF	LDT1	4.4270e-003	0.02
tblVehicleEF	LDT1	0.64	1.56
tblVehicleEF	LDT1	1.26	3.69
tblVehicleEF	LDT1	254.69	209.27
tblVehicleEF	LDT1	53.53	63.53
tblVehicleEF	LDT1	0.07	0.07

tblVehicleEF	LDT1	0.06	0.17
tblVehicleEF	LDT1	0.08	0.21
tblVehicleEF	LDT1	2.1740e-003	2.9460e-003
tblVehicleEF	LDT1	5.0000e-003	4.4870e-003
tblVehicleEF	LDT1	2.0170e-003	2.7320e-003
tblVehicleEF	LDT1	4.6390e-003	4.1620e-003
tblVehicleEF	LDT1	0.04	0.10
tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.01	0.04
tblVehicleEF	LDT1	0.36	0.78
tblVehicleEF	LDT1	0.08	0.27
tblVehicleEF	LDT1	4.1450e-003	4.1300e-003
tblVehicleEF	LDT1	8.8200e-004	9.1200e-004
tblVehicleEF	LDT1	0.04	0.10
tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.36	0.78
tblVehicleEF	LDT1	0.08	0.29
tblVehicleEF	LDT1	9.3800e-003	0.02
tblVehicleEF	LDT1	4.4270e-003	0.02
tblVehicleEF	LDT1	0.72	1.72
tblVehicleEF	LDT1	0.94	2.77
tblVehicleEF	LDT1	268.78	313.82
tblVehicleEF	LDT1	53.53	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.06	0.16
tblVehicleEF	LDT1	0.07	0.20
tblVehicleEF	LDT1	2.1740e-003	2.9460e-003

tblVehicleEF	LDT1	5.0000e-003	4.4870e-003
tblVehicleEF	LDT1	2.0170e-003	2.7320e-003
tblVehicleEF	LDT1	4.6390e-003	4.1620e-003
tblVehicleEF	LDT1	0.06	0.15
tblVehicleEF	LDT1	0.11	0.25
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	0.01	0.04
tblVehicleEF	LDT1	0.33	0.71
tblVehicleEF	LDT1	0.06	0.22
tblVehicleEF	LDT1	4.3750e-003	4.3560e-003
tblVehicleEF	LDT1	8.7700e-004	8.9600e-004
tblVehicleEF	LDT1	0.06	0.15
tblVehicleEF	LDT1	0.11	0.25
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	0.02	0.06
tblVehicleEF	LDT1	0.33	0.71
tblVehicleEF	LDT1	0.07	0.24
tblVehicleEF	LDT1	9.3800e-003	0.02
tblVehicleEF	LDT1	4.4270e-003	0.02
tblVehicleEF	LDT1	0.63	1.53
tblVehicleEF	LDT1	1.37	4.04
tblVehicleEF	LDT1	252.14	294.90
tblVehicleEF	LDT1	53.53	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.07	0.18
tblVehicleEF	LDT1	0.08	0.22
tblVehicleEF	LDT1	2.1740e-003	2.9460e-003
tblVehicleEF	LDT1	5.0000e-003	4.4870e-003
tblVehicleEF	LDT1	2.0170e-003	2.7320e-003
tblVehicleEF	LDT1	4.6390e-003	4.1620e-003

tblVehicleEF	LDT1	0.03	0.08
tblVehicleEF	LDT1	0.11	0.26
tblVehicleEF	LDT1	0.04	0.09
tblVehicleEF	LDT1	0.01	0.04
tblVehicleEF	LDT1	0.43	0.97
tblVehicleEF	LDT1	0.08	0.29
tblVehicleEF	LDT1	4.1030e-003	4.0890e-003
tblVehicleEF	LDT1	8.8400e-004	9.1800e-004
tblVehicleEF	LDT1	0.03	0.08
tblVehicleEF	LDT1	0.11	0.26
tblVehicleEF	LDT1	0.04	0.09
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.43	0.97
tblVehicleEF	LDT1	0.09	0.31
tblVehicleEF	LDT2	9.6610e-003	1.9497e-003
tblVehicleEF	LDT2	4.0360e-003	8.2780e-003
tblVehicleEF	LDT2	0.62	0.93
tblVehicleEF	LDT2	1.15	2.20
tblVehicleEF	LDT2	329.75	196.57
tblVehicleEF	LDT2	68.94	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.08	0.19
tblVehicleEF	LDT2	2.1570e-003	1.7600e-003
tblVehicleEF	LDT2	5.2090e-003	3.3350e-003
tblVehicleEF	LDT2	2.0020e-003	1.6320e-003
tblVehicleEF	LDT2	4.8330e-003	3.0930e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.06	0.06

tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.32	0.40
tblVehicleEF	LDT2	0.07	0.15
tblVehicleEF	LDT2	4.8460e-003	4.8440e-003
tblVehicleEF	LDT2	1.0280e-003	1.0420e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.32	0.40
tblVehicleEF	LDT2	0.08	0.16
tblVehicleEF	LDT2	9.6610e-003	0.01
tblVehicleEF	LDT2	4.0360e-003	8.2780e-003
tblVehicleEF	LDT2	0.70	1.04
tblVehicleEF	LDT2	0.86	1.65
tblVehicleEF	LDT2	348.11	384.93
tblVehicleEF	LDT2	68.94	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.07	0.17
tblVehicleEF	LDT2	2.1570e-003	1.7600e-003
tblVehicleEF	LDT2	5.2090e-003	3.3350e-003
tblVehicleEF	LDT2	2.0020e-003	1.6320e-003
tblVehicleEF	LDT2	4.8330e-003	3.0930e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.10	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.30	0.37
tblVehicleEF	LDT2	0.06	0.12

tblVehicleEF	LDT2	5.1170e-003	5.1150e-003
tblVehicleEF	LDT2	1.0230e-003	1.0320e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.10	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.30	0.37
tblVehicleEF	LDT2	0.06	0.13
tblVehicleEF	LDT2	9.6610e-003	0.01
tblVehicleEF	LDT2	4.0360e-003	8.2780e-003
tblVehicleEF	LDT2	0.61	0.91
tblVehicleEF	LDT2	1.26	2.41
tblVehicleEF	LDT2	326.42	361.06
tblVehicleEF	LDT2	68.94	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.08	0.19
tblVehicleEF	LDT2	2.1570e-003	1.7600e-003
tblVehicleEF	LDT2	5.2090e-003	3.3350e-003
tblVehicleEF	LDT2	2.0020e-003	1.6320e-003
tblVehicleEF	LDT2	4.8330e-003	3.0930e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.10	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.39	0.49
tblVehicleEF	LDT2	0.08	0.16
tblVehicleEF	LDT2	4.7970e-003	4.7950e-003
tblVehicleEF	LDT2	1.0300e-003	1.0450e-003
tblVehicleEF	LDT2	0.03	0.04

tblVehicleEF	LDT2	0.10	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.39	0.49
tblVehicleEF	LDT2	0.08	0.17
tblVehicleEF	LHD1	1.1470e-003	1.1720e-003
tblVehicleEF	LHD1	8.6180e-003	2.0200e-003
tblVehicleEF	LHD1	9.5380e-003	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.48	1.50
tblVehicleEF	LHD1	2.27	3.75
tblVehicleEF	LHD1	732.87	488.28
tblVehicleEF	LHD1	37.68	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.44	1.23
tblVehicleEF	LHD1	0.88	1.16
tblVehicleEF	LHD1	6.6700e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3760e-003	9.3720e-003
tblVehicleEF	LHD1	8.7190e-003	0.02
tblVehicleEF	LHD1	2.4900e-004	8.6400e-004
tblVehicleEF	LHD1	6.1400e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.3440e-003	2.3430e-003
tblVehicleEF	LHD1	8.0240e-003	0.01
tblVehicleEF	LHD1	2.3100e-004	8.0000e-004
tblVehicleEF	LHD1	1.2330e-003	2.0350e-003
tblVehicleEF	LHD1	0.05	0.07
tblVehicleEF	LHD1	0.03	0.03

tblVehicleEF	LHD1	1.2380e-003	1.6100e-003
tblVehicleEF	LHD1	0.04	0.15
tblVehicleEF	LHD1	0.25	0.48
tblVehicleEF	LHD1	0.17	0.34
tblVehicleEF	LHD1	8.0540e-003	8.0840e-003
tblVehicleEF	LHD1	4.5900e-004	4.7500e-004
tblVehicleEF	LHD1	1.2330e-003	2.0350e-003
tblVehicleEF	LHD1	0.05	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2380e-003	1.6100e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.25	0.48
tblVehicleEF	LHD1	0.18	0.36
tblVehicleEF	LHD1	1.1470e-003	1.1720e-003
tblVehicleEF	LHD1	8.6180e-003	0.02
tblVehicleEF	LHD1	9.5380e-003	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.48	1.53
tblVehicleEF	LHD1	1.78	2.93
tblVehicleEF	LHD1	732.87	734.00
tblVehicleEF	LHD1	37.68	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.42	1.17
tblVehicleEF	LHD1	0.84	1.11
tblVehicleEF	LHD1	6.6700e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3760e-003	9.3720e-003
tblVehicleEF	LHD1	8.7190e-003	0.02
tblVehicleEF	LHD1	2.4900e-004	8.6400e-004

tblVehicleEF	LHD1	6.1400e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.3440e-003	2.3430e-003
tblVehicleEF	LHD1	8.0240e-003	0.01
tblVehicleEF	LHD1	2.3100e-004	8.0000e-004
tblVehicleEF	LHD1	1.7880e-003	2.9700e-003
tblVehicleEF	LHD1	0.05	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.0420e-003	2.7670e-003
tblVehicleEF	LHD1	0.04	0.15
tblVehicleEF	LHD1	0.24	0.46
tblVehicleEF	LHD1	0.15	0.29
tblVehicleEF	LHD1	8.0540e-003	8.0840e-003
tblVehicleEF	LHD1	4.5100e-004	4.6100e-004
tblVehicleEF	LHD1	1.7880e-003	2.9700e-003
tblVehicleEF	LHD1	0.05	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.0420e-003	2.7670e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.24	0.46
tblVehicleEF	LHD1	0.16	0.31
tblVehicleEF	LHD1	1.1470e-003	1.1720e-003
tblVehicleEF	LHD1	8.6180e-003	0.02
tblVehicleEF	LHD1	9.5380e-003	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.48	1.49
tblVehicleEF	LHD1	2.49	4.11
tblVehicleEF	LHD1	732.87	734.00
tblVehicleEF	LHD1	37.68	36.60
tblVehicleEF	LHD1	0.04	0.04

tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.44	1.22
tblVehicleEF	LHD1	0.90	1.18
tblVehicleEF	LHD1	6.6700e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3760e-003	9.3720e-003
tblVehicleEF	LHD1	8.7190e-003	0.02
tblVehicleEF	LHD1	2.4900e-004	8.6400e-004
tblVehicleEF	LHD1	6.1400e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.3440e-003	2.3430e-003
tblVehicleEF	LHD1	8.0240e-003	0.01
tblVehicleEF	LHD1	2.3100e-004	8.0000e-004
tblVehicleEF	LHD1	1.0430e-003	1.8970e-003
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.0860e-003	1.4220e-003
tblVehicleEF	LHD1	0.04	0.14
tblVehicleEF	LHD1	0.28	0.53
tblVehicleEF	LHD1	0.18	0.36
tblVehicleEF	LHD1	8.0540e-003	8.0830e-003
tblVehicleEF	LHD1	4.6300e-004	4.8200e-004
tblVehicleEF	LHD1	1.0430e-003	1.8970e-003
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.0860e-003	1.4220e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.28	0.53
tblVehicleEF	LHD1	0.19	0.38
tblVehicleEF	LHD2	8.5600e-004	8.7100e-004

tblVehicleEF	LHD2	6.1700e-003	1.9881e-003
tblVehicleEF	LHD2	4.7890e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.57	0.99
tblVehicleEF	LHD2	1.30	1.83
tblVehicleEF	LHD2	621.73	547.32
tblVehicleEF	LHD2	22.91	22.28
tblVehicleEF	LHD2	5.2110e-003	5.1400e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.62	1.78
tblVehicleEF	LHD2	0.49	0.66
tblVehicleEF	LHD2	1.2710e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1200e-004	3.8000e-004
tblVehicleEF	LHD2	1.1700e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0400e-004	3.5100e-004
tblVehicleEF	LHD2	6.0300e-004	9.4700e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2500e-004	7.9100e-004
tblVehicleEF	LHD2	0.06	0.13
tblVehicleEF	LHD2	0.11	0.22
tblVehicleEF	LHD2	0.08	0.17
tblVehicleEF	LHD2	6.7570e-003	6.7800e-003
tblVehicleEF	LHD2	2.7700e-004	2.8100e-004

tblVehicleEF	LHD2	6.0300e-004	9.4700e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2500e-004	7.9100e-004
tblVehicleEF	LHD2	0.07	0.15
tblVehicleEF	LHD2	0.11	0.22
tblVehicleEF	LHD2	0.09	0.18
tblVehicleEF	LHD2	8.5600e-004	8.7100e-004
tblVehicleEF	LHD2	6.1700e-003	0.01
tblVehicleEF	LHD2	4.7890e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.57	1.00
tblVehicleEF	LHD2	1.02	1.44
tblVehicleEF	LHD2	8.84	8.84
tblVehicleEF	LHD2	621.73	623.36
tblVehicleEF	LHD2	22.91	22.28
tblVehicleEF	LHD2	5.2110e-003	5.1400e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.59	1.72
tblVehicleEF	LHD2	0.46	0.63
tblVehicleEF	LHD2	1.2710e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1200e-004	3.8000e-004
tblVehicleEF	LHD2	1.1700e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0400e-004	3.5100e-004

tblVehicleEF	LHD2	8.7700e-004	1.3820e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0310e-003	1.3590e-003
tblVehicleEF	LHD2	0.06	0.13
tblVehicleEF	LHD2	0.11	0.21
tblVehicleEF	LHD2	0.07	0.15
tblVehicleEF	LHD2	6.7570e-003	6.7800e-003
tblVehicleEF	LHD2	2.7200e-004	2.7400e-004
tblVehicleEF	LHD2	8.7700e-004	1.3820e-003
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0310e-003	1.3590e-003
tblVehicleEF	LHD2	0.07	0.15
tblVehicleEF	LHD2	0.11	0.21
tblVehicleEF	LHD2	0.08	0.16
tblVehicleEF	LHD2	8.5600e-004	8.7100e-004
tblVehicleEF	LHD2	6.1700e-003	0.01
tblVehicleEF	LHD2	4.7890e-003	9.6180e-003
tblVehicleEF	LHD2	0.13	0.13
tblVehicleEF	LHD2	0.57	0.98
tblVehicleEF	LHD2	1.43	2.01
tblVehicleEF	LHD2	8.84	8.84
tblVehicleEF	LHD2	621.73	623.36
tblVehicleEF	LHD2	22.91	22.28
tblVehicleEF	LHD2	5.2110e-003	5.1400e-003
tblVehicleEF	LHD2	0.12	0.12
tblVehicleEF	LHD2	0.61	1.78
tblVehicleEF	LHD2	0.50	0.67
tblVehicleEF	LHD2	1.2710e-003	1.2840e-003

tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1200e-004	3.8000e-004
tblVehicleEF	LHD2	1.1700e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0400e-004	3.5100e-004
tblVehicleEF	LHD2	5.0400e-004	8.6500e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.4800e-004	6.9500e-004
tblVehicleEF	LHD2	0.06	0.13
tblVehicleEF	LHD2	0.12	0.24
tblVehicleEF	LHD2	0.09	0.18
tblVehicleEF	LHD2	6.7570e-003	6.7800e-003
tblVehicleEF	LHD2	2.7900e-004	2.8400e-004
tblVehicleEF	LHD2	5.0400e-004	8.6500e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.4800e-004	6.9500e-004
tblVehicleEF	LHD2	0.07	0.15
tblVehicleEF	LHD2	0.12	0.24
tblVehicleEF	LHD2	0.10	0.19
tblVehicleEF	MCY	0.00	0.52
tblVehicleEF	MCY	25.15	0.00
tblVehicleEF	MCY	10.48	10.27
tblVehicleEF	MCY	159.22	185.15
tblVehicleEF	MCY	36.31	38.51

tblVehicleEF	MCY	6.4670e-003	6.5640e-003
tblVehicleEF	MCY	1.21	1.24
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.7000e-004	3.9100e-004
tblVehicleEF	MCY	6.7200e-004	9.6800e-004
tblVehicleEF	MCY	2.3400e-004	3.2800e-004
tblVehicleEF	MCY	5.8800e-004	8.0400e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.51	0.52
tblVehicleEF	MCY	2.81	2.95
tblVehicleEF	MCY	1.13	1.26
tblVehicleEF	MCY	2.07	2.11
tblVehicleEF	MCY	2.2520e-003	2.2740e-003
tblVehicleEF	MCY	6.3300e-004	6.5600e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.51	0.52
tblVehicleEF	MCY	3.07	3.22
tblVehicleEF	MCY	1.13	1.26
tblVehicleEF	MCY	2.22	2.27
tblVehicleEF	MCY	23.81	26.61
tblVehicleEF	MCY	8.87	8.79
tblVehicleEF	MCY	159.22	156.52
tblVehicleEF	MCY	36.31	38.51
tblVehicleEF	MCY	6.4670e-003	6.5640e-003
tblVehicleEF	MCY	1.09	1.11
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.7000e-004	3.9100e-004
tblVehicleEF	MCY	6.7200e-004	9.6800e-004

tblVehicleEF	MCY	2.3400e-004	3.2800e-004
tblVehicleEF	MCY	5.8800e-004	8.0400e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.43	0.46
tblVehicleEF	MCY	1.09	1.11
tblVehicleEF	MCY	2.74	2.86
tblVehicleEF	MCY	1.01	1.13
tblVehicleEF	MCY	1.78	1.81
tblVehicleEF	MCY	2.2290e-003	2.2460e-003
tblVehicleEF	MCY	5.9900e-004	6.2300e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.43	0.46
tblVehicleEF	MCY	1.09	1.11
tblVehicleEF	MCY	3.00	3.12
tblVehicleEF	MCY	1.01	1.13
tblVehicleEF	MCY	1.91	1.94
tblVehicleEF	MCY	26.06	29.25
tblVehicleEF	MCY	11.21	10.95
tblVehicleEF	MCY	159.22	156.52
tblVehicleEF	MCY	36.31	38.51
tblVehicleEF	MCY	6.4670e-003	6.5640e-003
tblVehicleEF	MCY	1.23	1.25
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	2.7000e-004	3.9100e-004
tblVehicleEF	MCY	6.7200e-004	9.6800e-004
tblVehicleEF	MCY	2.3400e-004	3.2800e-004
tblVehicleEF	MCY	5.8800e-004	8.0400e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.49	0.53
tblVehicleEF	MCY	0.39	0.40

tblVehicleEF	MCY	2.85	3.00
tblVehicleEF	MCY	1.42	1.56
tblVehicleEF	MCY	2.19	2.25
tblVehicleEF	MCY	2.2670e-003	2.2920e-003
tblVehicleEF	MCY	6.4800e-004	6.7100e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.49	0.53
tblVehicleEF	MCY	0.39	0.40
tblVehicleEF	MCY	3.12	3.27
tblVehicleEF	MCY	1.42	1.56
tblVehicleEF	MCY	2.35	2.41
tblVehicleEF	MDV	0.01	2.0861e-003
tblVehicleEF	MDV	6.8120e-003	0.02
tblVehicleEF	MDV	0.87	1.68
tblVehicleEF	MDV	1.80	4.19
tblVehicleEF	MDV	435.09	222.22
tblVehicleEF	MDV	91.12	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.10	0.22
tblVehicleEF	MDV	0.13	0.38
tblVehicleEF	MDV	2.0960e-003	2.0400e-003
tblVehicleEF	MDV	4.8170e-003	3.4670e-003
tblVehicleEF	MDV	1.9450e-003	1.8870e-003
tblVehicleEF	MDV	4.4690e-003	3.2110e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.20
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.02	0.04
tblVehicleEF	MDV	0.49	0.60
tblVehicleEF	MDV	0.12	0.34

tblVehicleEF	MDV	6.2100e-003	6.1880e-003
tblVehicleEF	MDV	1.3200e-003	1.3480e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.20
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.03	0.07
tblVehicleEF	MDV	0.49	0.60
tblVehicleEF	MDV	0.13	0.36
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	6.8120e-003	0.02
tblVehicleEF	MDV	0.97	1.86
tblVehicleEF	MDV	1.34	3.15
tblVehicleEF	MDV	459.07	516.30
tblVehicleEF	MDV	91.12	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.09	0.21
tblVehicleEF	MDV	0.12	0.35
tblVehicleEF	MDV	2.0960e-003	2.0400e-003
tblVehicleEF	MDV	4.8170e-003	3.4670e-003
tblVehicleEF	MDV	1.9450e-003	1.8870e-003
tblVehicleEF	MDV	4.4690e-003	3.2110e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.16	0.21
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.02	0.05
tblVehicleEF	MDV	0.45	0.56
tblVehicleEF	MDV	0.10	0.28
tblVehicleEF	MDV	6.5530e-003	6.5290e-003
tblVehicleEF	MDV	1.3130e-003	1.3290e-003
tblVehicleEF	MDV	0.10	0.10

tblVehicleEF	MDV	0.16	0.21
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.03	0.07
tblVehicleEF	MDV	0.45	0.56
tblVehicleEF	MDV	0.11	0.30
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	6.8120e-003	0.02
tblVehicleEF	MDV	0.85	1.66
tblVehicleEF	MDV	1.97	4.58
tblVehicleEF	MDV	430.75	484.72
tblVehicleEF	MDV	91.12	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.10	0.23
tblVehicleEF	MDV	0.14	0.40
tblVehicleEF	MDV	2.0960e-003	2.0400e-003
tblVehicleEF	MDV	4.8170e-003	3.4670e-003
tblVehicleEF	MDV	1.9450e-003	1.8870e-003
tblVehicleEF	MDV	4.4690e-003	3.2110e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.17	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.04
tblVehicleEF	MDV	0.58	0.72
tblVehicleEF	MDV	0.13	0.36
tblVehicleEF	MDV	6.1470e-003	6.1260e-003
tblVehicleEF	MDV	1.3230e-003	1.3540e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.17	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.03	0.07

tblVehicleEF	MDV	0.58	0.72
tblVehicleEF	MDV	0.14	0.39
tblVehicleEF	MH	0.00	3.5899e-003
tblVehicleEF	MH	0.25	2.03
tblVehicleEF	MH	4.05	6.63
tblVehicleEF	MH	683.37	1,173.29
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.3890e-003	3.4460e-003
tblVehicleEF	MH	0.70	1.38
tblVehicleEF	MH	0.53	0.74
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5550e-003	8.5470e-003
tblVehicleEF	MH	8.4460e-003	0.02
tblVehicleEF	MH	1.9300e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1390e-003	2.1370e-003
tblVehicleEF	MH	7.7720e-003	0.02
tblVehicleEF	MH	1.7900e-004	6.6300e-004
tblVehicleEF	MH	0.36	0.81
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.28	0.44
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.50	1.79
tblVehicleEF	MH	0.22	0.37
tblVehicleEF	MH	7.5090e-003	7.5150e-003
tblVehicleEF	MH	3.8300e-004	4.2900e-004
tblVehicleEF	MH	0.36	0.81
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.28	0.44
tblVehicleEF	MH	0.04	0.12

tblVehicleEF	MH	0.50	1.79
tblVehicleEF	MH	0.24	0.39
tblVehicleEF	MH	0.25	2.09
tblVehicleEF	MH	3.16	5.08
tblVehicleEF	MH	683.37	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.3890e-003	3.4460e-003
tblVehicleEF	MH	0.67	1.30
tblVehicleEF	MH	0.51	0.71
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5550e-003	8.5470e-003
tblVehicleEF	MH	8.4460e-003	0.02
tblVehicleEF	MH	1.9300e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1390e-003	2.1370e-003
tblVehicleEF	MH	7.7720e-003	0.02
tblVehicleEF	MH	1.7900e-004	6.6300e-004
tblVehicleEF	MH	0.50	1.11
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.47	0.76
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.48	1.74
tblVehicleEF	MH	0.19	0.31
tblVehicleEF	MH	7.5090e-003	7.5160e-003
tblVehicleEF	MH	3.6800e-004	4.0300e-004
tblVehicleEF	MH	0.50	1.11
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.47	0.76
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	0.48	1.74

tblVehicleEF	MH	0.21	0.33
tblVehicleEF	MH	0.25	2.01
tblVehicleEF	MH	4.45	7.33
tblVehicleEF	MH	683.37	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.3890e-003	3.4460e-003
tblVehicleEF	MH	0.70	1.38
tblVehicleEF	MH	0.54	0.76
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5550e-003	8.5470e-003
tblVehicleEF	MH	8.4460e-003	0.02
tblVehicleEF	MH	1.9300e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1390e-003	2.1370e-003
tblVehicleEF	MH	7.7720e-003	0.02
tblVehicleEF	MH	1.7900e-004	6.6300e-004
tblVehicleEF	MH	0.32	0.84
tblVehicleEF	MH	0.03	0.09
tblVehicleEF	MH	0.24	0.41
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.55	1.92
tblVehicleEF	MH	0.23	0.39
tblVehicleEF	MH	7.5090e-003	7.5140e-003
tblVehicleEF	MH	3.8900e-004	4.4100e-004
tblVehicleEF	MH	0.32	0.84
tblVehicleEF	MH	0.03	0.09
tblVehicleEF	MH	0.24	0.41
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	0.55	1.92
tblVehicleEF	MH	0.25	0.42

tblVehicleEF	MHD	8.3090e-003	7.6150e-003
tblVehicleEF	MHD	4.5890e-003	2.3661e-003
tblVehicleEF	MHD	2.12	1.91
tblVehicleEF	MHD	0.39	0.77
tblVehicleEF	MHD	7.73	16.82
tblVehicleEF	MHD	572.84	572.06
tblVehicleEF	MHD	990.49	1,183.59
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.22	4.60
tblVehicleEF	MHD	0.91	1.79
tblVehicleEF	MHD	0.92	1.78
tblVehicleEF	MHD	7.5350e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	4.0200e-004	1.6820e-003
tblVehicleEF	MHD	6.9320e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	3.7300e-004	1.5330e-003
tblVehicleEF	MHD	1.1810e-003	2.1230e-003
tblVehicleEF	MHD	0.06	0.09
tblVehicleEF	MHD	0.18	0.16
tblVehicleEF	MHD	1.1910e-003	1.6670e-003
tblVehicleEF	MHD	0.10	0.13
tblVehicleEF	MHD	0.33	0.48
tblVehicleEF	MHD	0.48	0.98
tblVehicleEF	MHD	6.0720e-003	6.0640e-003
tblVehicleEF	MHD	0.01	0.01

tblVehicleEF	MHD	6.8300e-004	8.4700e-004
tblVehicleEF	MHD	1.1810e-003	2.1230e-003
tblVehicleEF	MHD	0.06	0.09
tblVehicleEF	MHD	0.20	0.19
tblVehicleEF	MHD	1.1910e-003	1.6670e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.33	0.48
tblVehicleEF	MHD	0.51	1.04
tblVehicleEF	MHD	7.8310e-003	7.1760e-003
tblVehicleEF	MHD	4.5890e-003	5.1900e-003
tblVehicleEF	MHD	1.54	1.39
tblVehicleEF	MHD	0.40	0.78
tblVehicleEF	MHD	6.04	12.98
tblVehicleEF	MHD	606.88	606.05
tblVehicleEF	MHD	990.49	995.11
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.32	4.74
tblVehicleEF	MHD	0.87	1.72
tblVehicleEF	MHD	0.87	1.70
tblVehicleEF	MHD	6.3520e-003	9.7830e-003
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	4.0200e-004	1.6820e-003
tblVehicleEF	MHD	5.8440e-003	9.0000e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	3.7300e-004	1.5330e-003
tblVehicleEF	MHD	1.7200e-003	3.1680e-003

tblVehicleEF	MHD	0.06	0.10
tblVehicleEF	MHD	0.17	0.15
tblVehicleEF	MHD	1.9740e-003	3.0070e-003
tblVehicleEF	MHD	0.10	0.13
tblVehicleEF	MHD	0.31	0.47
tblVehicleEF	MHD	0.41	0.83
tblVehicleEF	MHD	6.4330e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.5500e-004	7.8200e-004
tblVehicleEF	MHD	1.7200e-003	3.1680e-003
tblVehicleEF	MHD	0.06	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	1.9740e-003	3.0070e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.31	0.47
tblVehicleEF	MHD	0.44	0.89
tblVehicleEF	MHD	8.9700e-003	8.2210e-003
tblVehicleEF	MHD	4.5890e-003	5.1900e-003
tblVehicleEF	MHD	2.91	2.63
tblVehicleEF	MHD	0.39	0.77
tblVehicleEF	MHD	8.47	18.52
tblVehicleEF	MHD	525.85	525.12
tblVehicleEF	MHD	990.49	995.11
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.07	4.39
tblVehicleEF	MHD	0.90	1.78
tblVehicleEF	MHD	0.94	1.82
tblVehicleEF	MHD	9.1690e-003	0.01
tblVehicleEF	MHD	0.12	0.12

tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	4.0200e-004	1.6820e-003
tblVehicleEF	MHD	8.4350e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	3.7300e-004	1.5330e-003
tblVehicleEF	MHD	9.9800e-004	2.0010e-003
tblVehicleEF	MHD	0.07	0.11
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	1.0440e-003	1.4670e-003
tblVehicleEF	MHD	0.10	0.13
tblVehicleEF	MHD	0.37	0.54
tblVehicleEF	MHD	0.50	1.04
tblVehicleEF	MHD	5.5740e-003	5.5670e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.9600e-004	8.7600e-004
tblVehicleEF	MHD	9.9800e-004	2.0010e-003
tblVehicleEF	MHD	0.07	0.11
tblVehicleEF	MHD	0.22	0.20
tblVehicleEF	MHD	1.0440e-003	1.4670e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.37	0.54
tblVehicleEF	MHD	0.54	1.11
tblVehicleEF	OBUS	0.03	4.0263e-003
tblVehicleEF	OBUS	2.8960e-003	5.9810e-003
tblVehicleEF	OBUS	3.31	2.74
tblVehicleEF	OBUS	0.56	1.34
tblVehicleEF	OBUS	5.78	10.77
tblVehicleEF	OBUS	533.36	534.88

tblVehicleEF	OBUS	1,043.41	1,213.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.9570e-003	1.8710e-003
tblVehicleEF	OBUS	3.20	4.65
tblVehicleEF	OBUS	1.04	2.33
tblVehicleEF	OBUS	0.82	1.52
tblVehicleEF	OBUS	8.7960e-003	9.5470e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.8700e-004	6.9800e-004
tblVehicleEF	OBUS	8.0920e-003	8.7830e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6210e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	2.6700e-004	6.4300e-004
tblVehicleEF	OBUS	6.4900e-004	7.6500e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.56	0.47
tblVehicleEF	OBUS	5.0600e-004	5.2600e-004
tblVehicleEF	OBUS	0.11	0.15
tblVehicleEF	OBUS	0.27	0.30
tblVehicleEF	OBUS	0.37	0.65
tblVehicleEF	OBUS	5.6540e-003	5.6700e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.6500e-004	5.5400e-004
tblVehicleEF	OBUS	6.4900e-004	7.6500e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.64	0.53
tblVehicleEF	OBUS	5.0600e-004	5.2600e-004

tblVehicleEF	OBUS	0.13	0.18
tblVehicleEF	OBUS	0.27	0.30
tblVehicleEF	OBUS	0.39	0.70
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.8960e-003	2.8860e-003
tblVehicleEF	OBUS	2.40	1.99
tblVehicleEF	OBUS	0.57	1.37
tblVehicleEF	OBUS	4.52	8.39
tblVehicleEF	OBUS	565.05	566.66
tblVehicleEF	OBUS	1,043.41	1,037.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.9570e-003	1.8710e-003
tblVehicleEF	OBUS	3.30	4.79
tblVehicleEF	OBUS	1.00	2.23
tblVehicleEF	OBUS	0.78	1.45
tblVehicleEF	OBUS	7.4150e-003	8.0480e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.8700e-004	6.9800e-004
tblVehicleEF	OBUS	6.8220e-003	7.4040e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6210e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	2.6700e-004	6.4300e-004
tblVehicleEF	OBUS	9.1500e-004	1.0830e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.53	0.44
tblVehicleEF	OBUS	8.7700e-004	9.5200e-004
tblVehicleEF	OBUS	0.11	0.15

tblVehicleEF	OBUS	0.26	0.29
tblVehicleEF	OBUS	0.32	0.57
tblVehicleEF	OBUS	5.9900e-003	6.0070e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.4400e-004	5.1300e-004
tblVehicleEF	OBUS	9.1500e-004	1.0830e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.60	0.50
tblVehicleEF	OBUS	8.7700e-004	9.5200e-004
tblVehicleEF	OBUS	0.13	0.18
tblVehicleEF	OBUS	0.26	0.29
tblVehicleEF	OBUS	0.34	0.60
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	2.8960e-003	2.8860e-003
tblVehicleEF	OBUS	4.55	3.78
tblVehicleEF	OBUS	0.56	1.33
tblVehicleEF	OBUS	6.35	11.83
tblVehicleEF	OBUS	489.60	491.00
tblVehicleEF	OBUS	1,043.41	1,037.87
tblVehicleEF	OBUS	32.73	32.81
tblVehicleEF	OBUS	1.9570e-003	1.8710e-003
tblVehicleEF	OBUS	3.06	4.44
tblVehicleEF	OBUS	1.03	2.33
tblVehicleEF	OBUS	0.84	1.56
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.8700e-004	6.9800e-004
tblVehicleEF	OBUS	9.8460e-003	0.01

tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6210e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	2.6700e-004	6.4300e-004
tblVehicleEF	OBUS	5.8000e-004	7.3600e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.61	0.50
tblVehicleEF	OBUS	4.5000e-004	4.7600e-004
tblVehicleEF	OBUS	0.11	0.15
tblVehicleEF	OBUS	0.29	0.32
tblVehicleEF	OBUS	0.39	0.69
tblVehicleEF	OBUS	5.1900e-003	5.2050e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	4.7500e-004	5.7200e-004
tblVehicleEF	OBUS	5.8000e-004	7.3600e-004
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.69	0.57
tblVehicleEF	OBUS	4.5000e-004	4.7600e-004
tblVehicleEF	OBUS	0.13	0.18
tblVehicleEF	OBUS	0.29	0.32
tblVehicleEF	OBUS	0.42	0.74
tblVehicleEF	SBUS	7.9670e-003	4.4530e-003
tblVehicleEF	SBUS	9.0220e-003	2.9749e-003
tblVehicleEF	SBUS	2.03	1.05
tblVehicleEF	SBUS	1.39	4.24
tblVehicleEF	SBUS	15.91	34.11
tblVehicleEF	SBUS	573.46	547.00
tblVehicleEF	SBUS	986.84	940.34
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	4.5000e-004	5.8600e-004

tblVehicleEF	SBUS	3.64	7.58
tblVehicleEF	SBUS	3.23	7.00
tblVehicleEF	SBUS	1.60	2.59
tblVehicleEF	SBUS	7.6550e-003	0.01
tblVehicleEF	SBUS	0.50	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	9.0300e-004	5.1810e-003
tblVehicleEF	SBUS	7.0420e-003	0.01
tblVehicleEF	SBUS	0.21	0.23
tblVehicleEF	SBUS	2.6540e-003	2.7220e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	8.3800e-004	4.6650e-003
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.13	0.21
tblVehicleEF	SBUS	0.17	0.10
tblVehicleEF	SBUS	7.8520e-003	0.02
tblVehicleEF	SBUS	0.25	0.39
tblVehicleEF	SBUS	0.80	1.58
tblVehicleEF	SBUS	0.99	2.21
tblVehicleEF	SBUS	6.0790e-003	5.7980e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5600e-003	1.9000e-003
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.13	0.21
tblVehicleEF	SBUS	0.20	0.11
tblVehicleEF	SBUS	7.8520e-003	0.02
tblVehicleEF	SBUS	0.28	0.43
tblVehicleEF	SBUS	0.80	1.58
tblVehicleEF	SBUS	1.05	2.36

tblVehicleEF	SBUS	7.5080e-003	4.1970e-003
tblVehicleEF	SBUS	9.0220e-003	5.3930e-003
tblVehicleEF	SBUS	1.47	0.76
tblVehicleEF	SBUS	1.42	4.29
tblVehicleEF	SBUS	13.35	28.32
tblVehicleEF	SBUS	607.53	579.49
tblVehicleEF	SBUS	986.84	1,024.49
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	4.5000e-004	5.8600e-004
tblVehicleEF	SBUS	3.76	7.82
tblVehicleEF	SBUS	3.10	6.72
tblVehicleEF	SBUS	1.50	2.42
tblVehicleEF	SBUS	6.4530e-003	0.01
tblVehicleEF	SBUS	0.50	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	9.0300e-004	5.1810e-003
tblVehicleEF	SBUS	5.9370e-003	0.01
tblVehicleEF	SBUS	0.21	0.23
tblVehicleEF	SBUS	2.6540e-003	2.7220e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	8.3800e-004	4.6650e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.13	0.21
tblVehicleEF	SBUS	0.16	0.09
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.25	0.39
tblVehicleEF	SBUS	0.70	1.43
tblVehicleEF	SBUS	0.89	1.95
tblVehicleEF	SBUS	6.4400e-003	6.1430e-003

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5160e-003	1.8010e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.13	0.21
tblVehicleEF	SBUS	0.18	0.10
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.28	0.44
tblVehicleEF	SBUS	0.70	1.43
tblVehicleEF	SBUS	0.95	2.08
tblVehicleEF	SBUS	8.6010e-003	4.8080e-003
tblVehicleEF	SBUS	9.0220e-003	5.3930e-003
tblVehicleEF	SBUS	2.79	1.45
tblVehicleEF	SBUS	1.38	4.22
tblVehicleEF	SBUS	17.17	36.98
tblVehicleEF	SBUS	526.41	502.12
tblVehicleEF	SBUS	986.84	1,024.49
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	4.5000e-004	5.8600e-004
tblVehicleEF	SBUS	3.48	7.24
tblVehicleEF	SBUS	3.22	6.98
tblVehicleEF	SBUS	1.65	2.67
tblVehicleEF	SBUS	9.3140e-003	0.02
tblVehicleEF	SBUS	0.50	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	9.0300e-004	5.1810e-003
tblVehicleEF	SBUS	8.5690e-003	0.02
tblVehicleEF	SBUS	0.21	0.23
tblVehicleEF	SBUS	2.6540e-003	2.7220e-003
tblVehicleEF	SBUS	0.03	0.04

tblVehicleEF	SBUS	8.3800e-004	4.6650e-003
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.13	0.26
tblVehicleEF	SBUS	0.19	0.10
tblVehicleEF	SBUS	6.9550e-003	0.01
tblVehicleEF	SBUS	0.24	0.38
tblVehicleEF	SBUS	1.02	1.93
tblVehicleEF	SBUS	1.03	2.34
tblVehicleEF	SBUS	5.5800e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5810e-003	1.9490e-003
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.13	0.26
tblVehicleEF	SBUS	0.21	0.12
tblVehicleEF	SBUS	6.9550e-003	0.01
tblVehicleEF	SBUS	0.28	0.43
tblVehicleEF	SBUS	1.02	1.93
tblVehicleEF	SBUS	1.10	2.50
tblVehicleEF	UBUS	0.00	0.28
tblVehicleEF	UBUS	1.90	3.03
tblVehicleEF	UBUS	4.49	5.66
tblVehicleEF	UBUS	1,858.89	1,348.71
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	1.9710e-003	2.0620e-003
tblVehicleEF	UBUS	6.46	11.05
tblVehicleEF	UBUS	0.84	0.89
tblVehicleEF	UBUS	0.13	0.19
tblVehicleEF	UBUS	1.2900e-004	2.0500e-004
tblVehicleEF	UBUS	0.12	0.18
tblVehicleEF	UBUS	1.2000e-004	1.9000e-004

tblVehicleEF	UBUS	1.7000e-003	1.9740e-003
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	1.6900e-003	1.8420e-003
tblVehicleEF	UBUS	0.35	0.58
tblVehicleEF	UBUS	0.35	0.32
tblVehicleEF	UBUS	0.47	0.52
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.3800e-004	3.5800e-004
tblVehicleEF	UBUS	1.7000e-003	1.9740e-003
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	1.6900e-003	1.8420e-003
tblVehicleEF	UBUS	0.40	0.66
tblVehicleEF	UBUS	0.35	0.32
tblVehicleEF	UBUS	0.50	0.56
tblVehicleEF	UBUS	1.92	3.06
tblVehicleEF	UBUS	3.73	4.66
tblVehicleEF	UBUS	1,858.89	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	1.9710e-003	2.0620e-003
tblVehicleEF	UBUS	6.23	10.66
tblVehicleEF	UBUS	0.79	0.85
tblVehicleEF	UBUS	0.13	0.19
tblVehicleEF	UBUS	1.2900e-004	2.0500e-004
tblVehicleEF	UBUS	0.12	0.18
tblVehicleEF	UBUS	1.2000e-004	1.9000e-004
tblVehicleEF	UBUS	2.0730e-003	2.4040e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	3.0010e-003	3.2720e-003
tblVehicleEF	UBUS	0.35	0.59
tblVehicleEF	UBUS	0.31	0.29

tblVehicleEF	UBUS	0.42	0.47
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.2500e-004	3.4100e-004
tblVehicleEF	UBUS	2.0730e-003	2.4040e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	3.0010e-003	3.2720e-003
tblVehicleEF	UBUS	0.40	0.66
tblVehicleEF	UBUS	0.31	0.29
tblVehicleEF	UBUS	0.45	0.50
tblVehicleEF	UBUS	1.90	3.02
tblVehicleEF	UBUS	4.82	6.10
tblVehicleEF	UBUS	1,858.89	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	1.9710e-003	2.0620e-003
tblVehicleEF	UBUS	6.43	11.00
tblVehicleEF	UBUS	0.85	0.91
tblVehicleEF	UBUS	0.13	0.19
tblVehicleEF	UBUS	1.2900e-004	2.0500e-004
tblVehicleEF	UBUS	0.12	0.18
tblVehicleEF	UBUS	1.2000e-004	1.9000e-004
tblVehicleEF	UBUS	1.5740e-003	1.8930e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	1.4990e-003	1.6820e-003
tblVehicleEF	UBUS	0.35	0.58
tblVehicleEF	UBUS	0.45	0.40
tblVehicleEF	UBUS	0.49	0.55
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.4400e-004	3.6600e-004
tblVehicleEF	UBUS	1.5740e-003	1.8930e-003
tblVehicleEF	UBUS	0.04	0.05

tblVehicleEF	UBUS	1.4990e-003	1.6820e-003
tblVehicleEF	UBUS	0.40	0.66
tblVehicleEF	UBUS	0.45	0.40
tblVehicleEF	UBUS	0.52	0.59
tblVehicleTrips	ST_TR	1.59	5.00
tblVehicleTrips	ST_TR	7.16	8.00
tblVehicleTrips	ST_TR	0.00	48.10
tblVehicleTrips	ST_TR	8.19	8.00
tblVehicleTrips	ST_TR	10.08	10.00
tblVehicleTrips	ST_TR	42.04	120.00
tblVehicleTrips	SU_TR	1.59	5.00
tblVehicleTrips	SU_TR	6.07	8.00
tblVehicleTrips	SU_TR	0.00	48.10
tblVehicleTrips	SU_TR	5.95	8.00
tblVehicleTrips	SU_TR	8.77	10.00
tblVehicleTrips	SU_TR	20.43	120.00
tblVehicleTrips	WD_TR	1.59	5.00
tblVehicleTrips	WD_TR	6.59	8.00
tblVehicleTrips	WD_TR	1.29	1.50
tblVehicleTrips	WD_TR	68.93	48.10
tblVehicleTrips	WD_TR	8.17	8.00
tblVehicleTrips	WD_TR	9.57	10.00
tblVehicleTrips	WD_TR	44.32	120.00
tblWaterMitigation	UseWaterEfficientIrrigationSystemPercentageReduction	6.1	30
tblWoodstoves	NumberCatalytic	2.85	0.00
tblWoodstoves	NumberCatalytic	94.05	0.00
tblWoodstoves	NumberNoncatalytic	2.85	0.00
tblWoodstoves	NumberNoncatalytic	94.05	0.00

2.0 Emissions Summary

	ROG	NOx	CO	SO2	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	tons/yr										MT/yr					
Area	32.0171	0.1655	14.3504	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9843	581.9843	0.0331	0.0102	585.8537
Energy	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	7,871.2024	7,871.2024	0.2487	0.1139	7,911.7305
Mobile	14.1052	29.1514	126.0715	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	17,741.5915	17,741.5915	0.5979	0.0000	17,754.1483
Waste						0.0000	0.0000		0.0000	0.0000	508.4660	0.0000	508.4660	30.0495	0.0000	1,139.5050
Water						0.0000	0.0000		0.0000	0.0000	43.7004	755.9242	799.6246	4.5199	0.1146	930.0570
Total	46.4775	32.3989	142.0539	0.3929	25.5702	0.7944	26.3646	6.8388	0.7608	7.5995	552.1664	26,950.7024	27,502.8687	35.4491	0.2387	28,321.2946

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	32.0110	0.1645	14.2470	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7723	581.7723	0.0328	0.0102	585.6350
Energy	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	7,573.0909	7,573.0909	0.2363	0.1105	7,612.3095

Mobile	14.1052	29.1514	126.0715	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	17,741.5915	17,741.5915	0.5979	0.0000	17,754.1483
Waste						0.0000	0.0000		0.0000	0.0000	406.7728	0.0000	406.7728	24.0396	0.0000	911.6040
Water						0.0000	0.0000		0.0000	0.0000	34.9603	572.1524	607.1128	3.6141	0.0911	711.2631
Total	46.4715	32.3979	141.9504	0.3928	25.5702	0.7938	26.3640	6.8388	0.7602	7.5989	441.7331	26,468.6072	26,910.3403	28.5207	0.2119	27,574.9600

	ROG	NOx	CO	SO2	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	0.01	0.00	0.07	0.00	0.00	0.08	0.00	0.00	0.08	0.01	20.00	1.79	2.15	19.54	11.23	2.64

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	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,685,208; Residential Outdoor: 4,228,403; Non-Residential Indoor: 2,526,441; Non-Residential Outdoor: 842,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48

Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Building Construction	7	0.00	483.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	14.1052	29.1514	126.0715	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	17,741.5915	17,741.5915	0.5979	0.0000	17,754.1483
Unmitigated	14.1052	29.1514	126.0715	0.3727	25.5702	0.4302	26.0003	6.8388	0.3969	7.2357	0.0000	17,741.5915	17,741.5915	0.5979	0.0000	17,754.1483

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026
Condo/Townhouse	456.00	456.00	456.00	1,302,018	1,302,018
Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	18,810.00	18,810.00	18810.00	53,708,256	53,708,256
Strip Mall	4,800.00	4,800.00	4800.00	7,392,159	7,392,159
Total	27,195.50	26,295.50	26,295.50	68,001,666	68,001,666

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12
Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300	0.073549	0.191092	0.130830	0.036094	0.005140	0.012550	0.022916	0.001871	0.002062	0.006564	0.000586	0.003446

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive 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					
NaturalGas Mitigated	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508
NaturalGas Unmitigated	0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,057.4358	4,057.4358	0.1689	0.0461	4,075.2587

Condo/Townhouse	762720	4.1100e-003	0.0351	0.0150	2.2000e-004		2.8400e-003	2.8400e-003		2.8400e-003	2.8400e-003	0.0000	40.7016	40.7016	7.8000e-004	7.5000e-004	40.9493
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003		0.0568	0.0568		0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801
Single Family Housing	4.93466e+007	0.2661	2.2738	0.9676	0.0145		0.1838	0.1838		0.1838	0.1838	0.0000	2,633.3238	2,633.3238	0.0505	0.0483	2,649.3498
Strip Mall	83600	4.5000e-004	4.1000e-003	3.4400e-003	2.0000e-005		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	4.4612	4.4612	9.0000e-005	8.0000e-005	4.4884
Total		0.3552	3.0821	1.6320	0.0194		0.2454	0.2454		0.2454	0.2454	0.0000	3,515.6551	3,515.6551	0.0674	0.0645	3,537.0508

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	244304	58.5777	2.4400e-003	6.6000e-004	58.8350
Elementary School	278399	66.7527	2.7800e-003	7.6000e-004	67.0460
Government Office Building	137500	32.9689	1.3700e-003	3.7000e-004	33.1137
Hotel	3.86813e+006	927.4744	0.0386	0.0105	931.5485
Single Family Housing	1.31093e+007	3,143.2691	0.1308	0.0357	3,157.0764
Strip Mall	527600	126.5045	5.2600e-003	1.4400e-003	127.0602
Total		4,355.5473	0.1813	0.0494	4,374.6797

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	227447	54.5357	2.2700e-003	6.2000e-004	54.7753
Elementary School	256428	61.4847	2.5600e-003	7.0000e-004	61.7548
Government Office Building	131005	31.4115	1.3100e-003	3.6000e-004	31.5495
Hotel	3.60198e+006	863.6584	0.0359	9.8000e-003	867.4521
Single Family Housing	1.22194e+007	2,929.8971	0.1219	0.0333	2,942.7672
Strip Mall	485660	116.4484	4.8500e-003	1.3200e-003	116.9599
Total		4,057.4358	0.1689	0.0461	4,075.2587

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw

	ROG	NOx	CO	SO2	Fugitive 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	32.0110	0.1645	14.2470	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7723	581.7723	0.0328	0.0102	585.6350

Unmitigated	32.0171	0.1655	14.3504	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9843	581.9843	0.0331	0.0102	585.8537
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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	0.4879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.0432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4295	0.1655	14.3473	7.6000e-004		0.0798	0.0798		0.0798	0.0798	0.0000	23.5213	23.5213	0.0224	0.0000	23.9921
Total	32.0171	0.1655	14.3504	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9843	581.9843	0.0331	0.0102	585.8537

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	0.4879					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.0432					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4234	0.1645	14.2439	7.5000e-004		0.0792	0.0792		0.0792	0.0792	0.0000	23.3094	23.3094	0.0221	0.0000	23.7734

Total	32.0110	0.1645	14.2470	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7723	581.7723	0.0328	0.0102	585.6350
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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			
Unmitigated	799.6246	4.5199	0.1146	930.0570
Mitigated	607.1128	3.6141	0.0911	711.2631

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	94.2668	3.9200e-003	1.0700e-003	94.6809
Condo/Townhouse	3.71378 / 2.3413	19.0099	0.1218	3.0600e-003	22.5153

Elementary School	1.45454 / 3.74026	14.9663	0.0480	1.2800e-003	16.3723
Government Office Building	1.9866 / 1.21759	10.0761	0.0651	1.6400e-003	11.9508
Hotel	5.07335 / 0.563706	18.9507	0.1660	4.1000e-003	23.7085
Single Family Housing	122.555 / 77.2628	627.3268	4.0179	0.1010	743.0052
Strip Mall	2.9629 / 1.81597	15.0280	0.0971	2.4400e-003	17.8240
Total		799.6246	4.5199	0.1146	930.0570

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 24.7709	65.9868	2.7500e-003	7.5000e-004	66.2766
Condo/Townhouse	2.97102 / 1.63891	14.5842	0.0974	2.4400e-003	17.3844
Elementary School	1.16364 / 2.61818	10.9767	0.0384	1.0100e-003	12.0965
Government Office Building	1.58928 / 0.852314	7.7365	0.0521	1.3000e-003	9.2341
Hotel	4.05868 / 0.394594	15.0104	0.1328	3.2700e-003	18.8141
Single Family Housing	98.0438 / 54.0839	481.2796	3.2131	0.0804	573.6852
Strip Mall	2.37032 / 1.27118	11.5386	0.0777	1.9400e-003	13.7722
Total		607.1128	3.6141	0.0911	711.2631

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	406.7728	24.0396	0.0000	911.6040
Unmitigated	508.4660	30.0495	0.0000	1,139.5050

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	26.22	5.3224	0.3146	0.0000	11.9279
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2205.8	447.7575	26.4617	0.0000	1,003.4533
Strip Mall	42	8.5256	0.5039	0.0000	19.1065
Total		508.4660	30.0495	0.0000	1,139.5050

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.04	0.4141	0.0245	0.0000	0.9280
Condo/Townhouse	20.976	4.2579	0.2516	0.0000	9.5423
Elementary School	87.6	17.7820	1.0509	0.0000	39.8506
Government Office Building	7.44	1.5103	0.0893	0.0000	3.3846
Hotel	87.6	17.7820	1.0509	0.0000	39.8506
Single Family Housing	1764.64	358.2060	21.1694	0.0000	802.7627
Strip Mall	33.6	6.8205	0.4031	0.0000	15.2852
Total		406.7728	24.0396	0.0000	911.6040

9.0 Operational Offroad

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

Otay Ranch Village 13, Mitigated, Optional Development Scenario, 2050
San Diego Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Government Office Building	10.00	1000sqft	2.10	10,000.00	0
Elementary School	600.00	Student	10.00	50,162.02	0
City Park	29.70	Acre	29.70	1,293,732.00	0
Hotel	200.00	Room	17.40	290,400.00	0
Condo/Townhouse	0.00	Dwelling Unit	0.00	0.00	0
Single Family Housing	1,938.00	Dwelling Unit	541.00	6,395,400.00	5543
Strip Mall	20.00	1000sqft	1.00	20,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2035
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	528.61	CH4 Intensity (lb/MW hr)	0.022	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Interior	2496438	0
tblAreaCoating	Area_Residential_Exterior	4316895	0
tblAreaCoating	Area_Residential_Interior	12950685	0
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	0

tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	0
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	0
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	10,850.00	0.00
tblConstructionPhase	NumDays	700.00	0.00
tblConstructionPhase	NumDays	1,085.00	0.00
tblConstructionPhase	NumDays	770.00	0.00
tblConstructionPhase	NumDays	420.00	0.00
tblConstructionPhase	PhaseEndDate	12/31/2015	12/31/2010
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2016	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblConstructionPhase	PhaseStartDate	1/1/2011	1/2/2011
tblEnergyUse	T24E	206.69	158.53
tblEnergyUse	T24E	1.86	1.45
tblEnergyUse	T24E	5.69	4.45
tblEnergyUse	T24E	5.84	4.57
tblEnergyUse	T24E	425.62	270.69
tblEnergyUse	T24E	3.89	3.04
tblEnergyUse	T24NG	10,789.48	10,379.48
tblEnergyUse	T24NG	5.72	4.76
tblEnergyUse	T24NG	16.83	14.00
tblEnergyUse	T24NG	49.75	41.39
tblEnergyUse	T24NG	21,834.49	20,415.25
tblEnergyUse	T24NG	1.20	1.00
tblFireplaces	FireplaceDayYear	82.00	30.00
tblFireplaces	FireplaceDayYear	82.00	30.00

tblFireplaces	NumberGas	0.00	57.00
tblFireplaces	NumberGas	1,065.90	1,881.00
tblFireplaces	NumberNoFireplace	0.00	5.70
tblFireplaces	NumberNoFireplace	193.80	188.10
tblFireplaces	NumberWood	678.30	0.00
tblLandUse	LandUseSquareFeet	3,488,400.00	6,395,400.00
tblLandUse	LotAcreage	0.23	2.10
tblLandUse	LotAcreage	1.15	10.00
tblLandUse	LotAcreage	6.67	17.40
tblLandUse	LotAcreage	629.22	541.00
tblLandUse	LotAcreage	0.46	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	1.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	8.00	1.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.022
tblProjectCharacteristics	CO2IntensityFactor	720.49	528.61
tblProjectCharacteristics	OperationalYear	2014	2035
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	5.00

tblTripsAndVMT	WorkerTripNumber	23.00	10.00
tblTripsAndVMT	WorkerTripNumber	1,394.00	0.00
tblTripsAndVMT	WorkerTripNumber	23.00	18.00
tblTripsAndVMT	WorkerTripNumber	279.00	0.00
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.5580e-003	5.8892e-003
tblVehicleEF	HHD	3.47	3.16
tblVehicleEF	HHD	1.20	1.37
tblVehicleEF	HHD	51.82	65.60
tblVehicleEF	HHD	527.65	528.33
tblVehicleEF	HHD	1,540.04	1,565.32
tblVehicleEF	HHD	49.32	50.38
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.21	3.96
tblVehicleEF	HHD	1.94	3.73
tblVehicleEF	HHD	3.42	4.25
tblVehicleEF	HHD	8.9920e-003	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	3.8600e-004	1.7690e-003
tblVehicleEF	HHD	8.2730e-003	9.2620e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7350e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.5800e-004	1.5800e-003
tblVehicleEF	HHD	1.1520e-003	1.7100e-003
tblVehicleEF	HHD	0.06	0.10
tblVehicleEF	HHD	0.62	0.56
tblVehicleEF	HHD	1.2090e-003	1.6090e-003

tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.31	0.52
tblVehicleEF	HHD	0.98	2.25
tblVehicleEF	HHD	5.5930e-003	5.6010e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.3910e-003	1.6590e-003
tblVehicleEF	HHD	1.1520e-003	1.7100e-003
tblVehicleEF	HHD	0.06	0.10
tblVehicleEF	HHD	0.70	0.64
tblVehicleEF	HHD	1.2090e-003	1.6090e-003
tblVehicleEF	HHD	0.24	0.26
tblVehicleEF	HHD	0.31	0.52
tblVehicleEF	HHD	1.05	2.40
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	9.5580e-003	0.01
tblVehicleEF	HHD	2.52	2.30
tblVehicleEF	HHD	1.20	1.38
tblVehicleEF	HHD	40.54	49.98
tblVehicleEF	HHD	558.99	559.72
tblVehicleEF	HHD	1,540.04	1,547.78
tblVehicleEF	HHD	49.32	50.38
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.31	4.09
tblVehicleEF	HHD	1.87	3.59
tblVehicleEF	HHD	3.26	4.04
tblVehicleEF	HHD	7.5810e-003	8.4870e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	3.8600e-004	1.7690e-003

tblVehicleEF	HHD	6.9740e-003	7.8080e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7350e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.5800e-004	1.5800e-003
tblVehicleEF	HHD	1.6740e-003	2.6610e-003
tblVehicleEF	HHD	0.06	0.10
tblVehicleEF	HHD	0.58	0.53
tblVehicleEF	HHD	1.9950e-003	3.0730e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.30	0.51
tblVehicleEF	HHD	0.85	1.85
tblVehicleEF	HHD	5.9260e-003	5.9330e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.2100e-003	1.4010e-003
tblVehicleEF	HHD	1.6740e-003	2.6610e-003
tblVehicleEF	HHD	0.06	0.10
tblVehicleEF	HHD	0.66	0.60
tblVehicleEF	HHD	1.9950e-003	3.0730e-003
tblVehicleEF	HHD	0.24	0.26
tblVehicleEF	HHD	0.30	0.51
tblVehicleEF	HHD	0.91	1.97
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	9.5580e-003	0.01
tblVehicleEF	HHD	4.78	4.35
tblVehicleEF	HHD	1.19	1.37
tblVehicleEF	HHD	56.83	72.54
tblVehicleEF	HHD	484.36	484.98
tblVehicleEF	HHD	1,540.04	1,547.78
tblVehicleEF	HHD	49.32	50.38

tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.07	3.78
tblVehicleEF	HHD	1.94	3.72
tblVehicleEF	HHD	3.50	4.34
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.07	0.07
tblVehicleEF	HHD	3.8600e-004	1.7690e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.7350e-003	8.7120e-003
tblVehicleEF	HHD	0.06	0.07
tblVehicleEF	HHD	3.5800e-004	1.5800e-003
tblVehicleEF	HHD	9.5800e-004	1.5640e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.66	0.61
tblVehicleEF	HHD	1.0610e-003	1.4030e-003
tblVehicleEF	HHD	0.21	0.23
tblVehicleEF	HHD	0.35	0.57
tblVehicleEF	HHD	1.04	2.43
tblVehicleEF	HHD	5.1340e-003	5.1410e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.4710e-003	1.7740e-003
tblVehicleEF	HHD	9.5800e-004	1.5640e-003
tblVehicleEF	HHD	0.07	0.11
tblVehicleEF	HHD	0.76	0.69
tblVehicleEF	HHD	1.0610e-003	1.4030e-003
tblVehicleEF	HHD	0.24	0.26
tblVehicleEF	HHD	0.35	0.57

tblVehicleEF	HHD	1.11	2.59
tblVehicleEF	LDA	9.2000e-003	4.1815e-003
tblVehicleEF	LDA	6.1170e-003	8.5820e-003
tblVehicleEF	LDA	0.66	0.82
tblVehicleEF	LDA	1.43	1.98
tblVehicleEF	LDA	212.11	165.54
tblVehicleEF	LDA	44.09	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	2.1900e-003	1.8230e-003
tblVehicleEF	LDA	5.3240e-003	3.4360e-003
tblVehicleEF	LDA	2.0320e-003	1.6910e-003
tblVehicleEF	LDA	4.9390e-003	3.1870e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.09
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.17	0.23
tblVehicleEF	LDA	0.11	0.15
tblVehicleEF	LDA	3.5650e-003	3.5610e-003
tblVehicleEF	LDA	7.6300e-004	7.7000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.09
tblVehicleEF	LDA	0.02	0.04
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.17	0.23
tblVehicleEF	LDA	0.12	0.16
tblVehicleEF	LDA	9.2000e-003	0.01
tblVehicleEF	LDA	6.1170e-003	8.5820e-003

tblVehicleEF	LDA	0.74	0.92
tblVehicleEF	LDA	1.07	1.48
tblVehicleEF	LDA	224.28	258.13
tblVehicleEF	LDA	44.09	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.07	0.09
tblVehicleEF	LDA	0.07	0.10
tblVehicleEF	LDA	2.1900e-003	1.8230e-003
tblVehicleEF	LDA	5.3240e-003	3.4360e-003
tblVehicleEF	LDA	2.0320e-003	1.6910e-003
tblVehicleEF	LDA	4.9390e-003	3.1870e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.03	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.16	0.21
tblVehicleEF	LDA	0.09	0.12
tblVehicleEF	LDA	3.7710e-003	3.7660e-003
tblVehicleEF	LDA	7.5600e-004	7.6100e-004
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.03	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.21
tblVehicleEF	LDA	0.10	0.13
tblVehicleEF	LDA	9.2000e-003	0.01
tblVehicleEF	LDA	6.1170e-003	8.5820e-003
tblVehicleEF	LDA	0.65	0.81
tblVehicleEF	LDA	1.57	2.17
tblVehicleEF	LDA	209.91	241.74

tblVehicleEF	LDA	44.09	52.29
tblVehicleEF	LDA	0.51	0.51
tblVehicleEF	LDA	0.08	0.10
tblVehicleEF	LDA	0.08	0.11
tblVehicleEF	LDA	2.1900e-003	1.8230e-003
tblVehicleEF	LDA	5.3240e-003	3.4360e-003
tblVehicleEF	LDA	2.0320e-003	1.6910e-003
tblVehicleEF	LDA	4.9390e-003	3.1870e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.21	0.27
tblVehicleEF	LDA	0.12	0.16
tblVehicleEF	LDA	3.5280e-003	3.5240e-003
tblVehicleEF	LDA	7.6500e-004	7.7300e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.10
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.21	0.27
tblVehicleEF	LDA	0.12	0.17
tblVehicleEF	LDT1	9.3800e-003	1.7651e-003
tblVehicleEF	LDT1	4.4270e-003	0.02
tblVehicleEF	LDT1	0.64	1.56
tblVehicleEF	LDT1	1.26	3.69
tblVehicleEF	LDT1	254.69	209.27
tblVehicleEF	LDT1	53.53	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.06	0.17

tblVehicleEF	LDT1	0.08	0.21
tblVehicleEF	LDT1	2.1740e-003	2.9460e-003
tblVehicleEF	LDT1	5.0000e-003	4.4870e-003
tblVehicleEF	LDT1	2.0170e-003	2.7320e-003
tblVehicleEF	LDT1	4.6390e-003	4.1620e-003
tblVehicleEF	LDT1	0.04	0.10
tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.01	0.04
tblVehicleEF	LDT1	0.36	0.78
tblVehicleEF	LDT1	0.08	0.27
tblVehicleEF	LDT1	4.1450e-003	4.1300e-003
tblVehicleEF	LDT1	8.8200e-004	9.1200e-004
tblVehicleEF	LDT1	0.04	0.10
tblVehicleEF	LDT1	0.11	0.23
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.36	0.78
tblVehicleEF	LDT1	0.08	0.29
tblVehicleEF	LDT1	9.3800e-003	0.02
tblVehicleEF	LDT1	4.4270e-003	0.02
tblVehicleEF	LDT1	0.72	1.72
tblVehicleEF	LDT1	0.94	2.77
tblVehicleEF	LDT1	268.78	313.82
tblVehicleEF	LDT1	53.53	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.06	0.16
tblVehicleEF	LDT1	0.07	0.20
tblVehicleEF	LDT1	2.1740e-003	2.9460e-003
tblVehicleEF	LDT1	5.0000e-003	4.4870e-003

tblVehicleEF	LDT1	2.0170e-003	2.7320e-003
tblVehicleEF	LDT1	4.6390e-003	4.1620e-003
tblVehicleEF	LDT1	0.06	0.15
tblVehicleEF	LDT1	0.11	0.25
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	0.01	0.04
tblVehicleEF	LDT1	0.33	0.71
tblVehicleEF	LDT1	0.06	0.22
tblVehicleEF	LDT1	4.3750e-003	4.3560e-003
tblVehicleEF	LDT1	8.7700e-004	8.9600e-004
tblVehicleEF	LDT1	0.06	0.15
tblVehicleEF	LDT1	0.11	0.25
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	0.02	0.06
tblVehicleEF	LDT1	0.33	0.71
tblVehicleEF	LDT1	0.07	0.24
tblVehicleEF	LDT1	9.3800e-003	0.02
tblVehicleEF	LDT1	4.4270e-003	0.02
tblVehicleEF	LDT1	0.63	1.53
tblVehicleEF	LDT1	1.37	4.04
tblVehicleEF	LDT1	252.14	294.90
tblVehicleEF	LDT1	53.53	63.53
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.07	0.18
tblVehicleEF	LDT1	0.08	0.22
tblVehicleEF	LDT1	2.1740e-003	2.9460e-003
tblVehicleEF	LDT1	5.0000e-003	4.4870e-003
tblVehicleEF	LDT1	2.0170e-003	2.7320e-003
tblVehicleEF	LDT1	4.6390e-003	4.1620e-003
tblVehicleEF	LDT1	0.03	0.08

tblVehicleEF	LDT1	0.11	0.26
tblVehicleEF	LDT1	0.04	0.09
tblVehicleEF	LDT1	0.01	0.04
tblVehicleEF	LDT1	0.43	0.97
tblVehicleEF	LDT1	0.08	0.29
tblVehicleEF	LDT1	4.1030e-003	4.0890e-003
tblVehicleEF	LDT1	8.8400e-004	9.1800e-004
tblVehicleEF	LDT1	0.03	0.08
tblVehicleEF	LDT1	0.11	0.26
tblVehicleEF	LDT1	0.04	0.09
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.43	0.97
tblVehicleEF	LDT1	0.09	0.31
tblVehicleEF	LDT2	9.6610e-003	1.9497e-003
tblVehicleEF	LDT2	4.0360e-003	8.2780e-003
tblVehicleEF	LDT2	0.62	0.93
tblVehicleEF	LDT2	1.15	2.20
tblVehicleEF	LDT2	329.75	196.57
tblVehicleEF	LDT2	68.94	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.08	0.19
tblVehicleEF	LDT2	2.1570e-003	1.7600e-003
tblVehicleEF	LDT2	5.2090e-003	3.3350e-003
tblVehicleEF	LDT2	2.0020e-003	1.6320e-003
tblVehicleEF	LDT2	4.8330e-003	3.0930e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.01	0.02

tblVehicleEF	LDT2	0.32	0.40
tblVehicleEF	LDT2	0.07	0.15
tblVehicleEF	LDT2	4.8460e-003	4.8440e-003
tblVehicleEF	LDT2	1.0280e-003	1.0420e-003
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.10	0.13
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.32	0.40
tblVehicleEF	LDT2	0.08	0.16
tblVehicleEF	LDT2	9.6610e-003	0.01
tblVehicleEF	LDT2	4.0360e-003	8.2780e-003
tblVehicleEF	LDT2	0.70	1.04
tblVehicleEF	LDT2	0.86	1.65
tblVehicleEF	LDT2	348.11	384.93
tblVehicleEF	LDT2	68.94	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.06	0.10
tblVehicleEF	LDT2	0.07	0.17
tblVehicleEF	LDT2	2.1570e-003	1.7600e-003
tblVehicleEF	LDT2	5.2090e-003	3.3350e-003
tblVehicleEF	LDT2	2.0020e-003	1.6320e-003
tblVehicleEF	LDT2	4.8330e-003	3.0930e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.10	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.30	0.37
tblVehicleEF	LDT2	0.06	0.12
tblVehicleEF	LDT2	5.1170e-003	5.1150e-003

tblVehicleEF	LDT2	1.0230e-003	1.0320e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.10	0.14
tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.30	0.37
tblVehicleEF	LDT2	0.06	0.13
tblVehicleEF	LDT2	9.6610e-003	0.01
tblVehicleEF	LDT2	4.0360e-003	8.2780e-003
tblVehicleEF	LDT2	0.61	0.91
tblVehicleEF	LDT2	1.26	2.41
tblVehicleEF	LDT2	326.42	361.06
tblVehicleEF	LDT2	68.94	77.49
tblVehicleEF	LDT2	0.19	0.19
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.08	0.19
tblVehicleEF	LDT2	2.1570e-003	1.7600e-003
tblVehicleEF	LDT2	5.2090e-003	3.3350e-003
tblVehicleEF	LDT2	2.0020e-003	1.6320e-003
tblVehicleEF	LDT2	4.8330e-003	3.0930e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.10	0.14
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.01	0.02
tblVehicleEF	LDT2	0.39	0.49
tblVehicleEF	LDT2	0.08	0.16
tblVehicleEF	LDT2	4.7970e-003	4.7950e-003
tblVehicleEF	LDT2	1.0300e-003	1.0450e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.10	0.14

tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.39	0.49
tblVehicleEF	LDT2	0.08	0.17
tblVehicleEF	LHD1	1.1470e-003	1.1720e-003
tblVehicleEF	LHD1	8.6180e-003	2.0200e-003
tblVehicleEF	LHD1	9.5380e-003	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.48	1.50
tblVehicleEF	LHD1	2.27	3.75
tblVehicleEF	LHD1	732.87	488.28
tblVehicleEF	LHD1	37.68	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.44	1.23
tblVehicleEF	LHD1	0.88	1.16
tblVehicleEF	LHD1	6.6700e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3760e-003	9.3720e-003
tblVehicleEF	LHD1	8.7190e-003	0.02
tblVehicleEF	LHD1	2.4900e-004	8.6400e-004
tblVehicleEF	LHD1	6.1400e-004	6.2700e-004
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.3440e-003	2.3430e-003
tblVehicleEF	LHD1	8.0240e-003	0.01
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tblVehicleEF	LHD1	0.05	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2380e-003	1.6100e-003

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tblVehicleEF	LHD1	0.05	0.07
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2380e-003	1.6100e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.25	0.48
tblVehicleEF	LHD1	0.18	0.36
tblVehicleEF	LHD1	1.1470e-003	1.1720e-003
tblVehicleEF	LHD1	8.6180e-003	0.02
tblVehicleEF	LHD1	9.5380e-003	0.02
tblVehicleEF	LHD1	0.17	0.17
tblVehicleEF	LHD1	0.48	1.53
tblVehicleEF	LHD1	1.78	2.93
tblVehicleEF	LHD1	732.87	734.00
tblVehicleEF	LHD1	37.68	36.60
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tblVehicleEF	LHD1	0.06	0.06
tblVehicleEF	LHD1	0.42	1.17
tblVehicleEF	LHD1	0.84	1.11
tblVehicleEF	LHD1	6.6700e-004	6.8200e-004
tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3760e-003	9.3720e-003
tblVehicleEF	LHD1	8.7190e-003	0.02
tblVehicleEF	LHD1	2.4900e-004	8.6400e-004
tblVehicleEF	LHD1	6.1400e-004	6.2700e-004

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.3440e-003	2.3430e-003
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tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.0420e-003	2.7670e-003
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tblVehicleEF	LHD1	0.24	0.46
tblVehicleEF	LHD1	0.15	0.29
tblVehicleEF	LHD1	8.0540e-003	8.0840e-003
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tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.0420e-003	2.7670e-003
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tblVehicleEF	LHD1	0.16	0.31
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tblVehicleEF	LHD1	9.5380e-003	0.02
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tblVehicleEF	LHD1	732.87	734.00
tblVehicleEF	LHD1	37.68	36.60
tblVehicleEF	LHD1	0.04	0.04
tblVehicleEF	LHD1	0.06	0.06

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tblVehicleEF	LHD1	0.05	0.05
tblVehicleEF	LHD1	9.3760e-003	9.3720e-003
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tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.3440e-003	2.3430e-003
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tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.0860e-003	1.4220e-003
tblVehicleEF	LHD1	0.04	0.14
tblVehicleEF	LHD1	0.28	0.53
tblVehicleEF	LHD1	0.18	0.36
tblVehicleEF	LHD1	8.0540e-003	8.0830e-003
tblVehicleEF	LHD1	4.6300e-004	4.8200e-004
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tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.0860e-003	1.4220e-003
tblVehicleEF	LHD1	0.05	0.17
tblVehicleEF	LHD1	0.28	0.53
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tblVehicleEF	LHD2	4.7890e-003	9.6180e-003
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tblVehicleEF	LHD2	621.73	547.32
tblVehicleEF	LHD2	22.91	22.28
tblVehicleEF	LHD2	5.2110e-003	5.1400e-003
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tblVehicleEF	LHD2	1.2710e-003	1.2840e-003
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1200e-004	3.8000e-004
tblVehicleEF	LHD2	1.1700e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.01	0.02
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tblVehicleEF	LHD2	6.2500e-004	7.9100e-004
tblVehicleEF	LHD2	0.06	0.13
tblVehicleEF	LHD2	0.11	0.22
tblVehicleEF	LHD2	0.08	0.17
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tblVehicleEF	LHD2	2.7700e-004	2.8100e-004
tblVehicleEF	LHD2	6.0300e-004	9.4700e-004

tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.2500e-004	7.9100e-004
tblVehicleEF	LHD2	0.07	0.15
tblVehicleEF	LHD2	0.11	0.22
tblVehicleEF	LHD2	0.09	0.18
tblVehicleEF	LHD2	8.5600e-004	8.7100e-004
tblVehicleEF	LHD2	6.1700e-003	0.01
tblVehicleEF	LHD2	4.7890e-003	9.6180e-003
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tblVehicleEF	LHD2	0.57	1.00
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tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1200e-004	3.8000e-004
tblVehicleEF	LHD2	1.1700e-003	1.1810e-003
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tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.01	0.02
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tblVehicleEF	LHD2	1.0310e-003	1.3590e-003
tblVehicleEF	LHD2	0.06	0.13
tblVehicleEF	LHD2	0.11	0.21
tblVehicleEF	LHD2	0.07	0.15
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tblVehicleEF	LHD2	0.07	0.15
tblVehicleEF	LHD2	0.11	0.21
tblVehicleEF	LHD2	0.08	0.16
tblVehicleEF	LHD2	8.5600e-004	8.7100e-004
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tblVehicleEF	LHD2	8.84	8.84
tblVehicleEF	LHD2	621.73	623.36
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tblVehicleEF	LHD2	5.2110e-003	5.1400e-003
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tblVehicleEF	LHD2	0.07	0.07

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1200e-004	3.8000e-004
tblVehicleEF	LHD2	1.1700e-003	1.1810e-003
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	2.6190e-003	2.6170e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0400e-004	3.5100e-004
tblVehicleEF	LHD2	5.0400e-004	8.6500e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.4800e-004	6.9500e-004
tblVehicleEF	LHD2	0.06	0.13
tblVehicleEF	LHD2	0.12	0.24
tblVehicleEF	LHD2	0.09	0.18
tblVehicleEF	LHD2	6.7570e-003	6.7800e-003
tblVehicleEF	LHD2	2.7900e-004	2.8400e-004
tblVehicleEF	LHD2	5.0400e-004	8.6500e-004
tblVehicleEF	LHD2	0.02	0.04
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	5.4800e-004	6.9500e-004
tblVehicleEF	LHD2	0.07	0.15
tblVehicleEF	LHD2	0.12	0.24
tblVehicleEF	LHD2	0.10	0.19
tblVehicleEF	MCY	0.00	0.52
tblVehicleEF	MCY	25.15	0.00
tblVehicleEF	MCY	10.48	10.27
tblVehicleEF	MCY	159.22	185.15
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tblVehicleEF	MCY	6.4670e-003	6.5640e-003

tblVehicleEF	MCY	1.21	1.24
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.7000e-004	3.9100e-004
tblVehicleEF	MCY	6.7200e-004	9.6800e-004
tblVehicleEF	MCY	2.3400e-004	3.2800e-004
tblVehicleEF	MCY	5.8800e-004	8.0400e-004
tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.51	0.52
tblVehicleEF	MCY	2.81	2.95
tblVehicleEF	MCY	1.13	1.26
tblVehicleEF	MCY	2.07	2.11
tblVehicleEF	MCY	2.2520e-003	2.2740e-003
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tblVehicleEF	MCY	0.70	0.71
tblVehicleEF	MCY	0.37	0.39
tblVehicleEF	MCY	0.51	0.52
tblVehicleEF	MCY	3.07	3.22
tblVehicleEF	MCY	1.13	1.26
tblVehicleEF	MCY	2.22	2.27
tblVehicleEF	MCY	23.81	26.61
tblVehicleEF	MCY	8.87	8.79
tblVehicleEF	MCY	159.22	156.52
tblVehicleEF	MCY	36.31	38.51
tblVehicleEF	MCY	6.4670e-003	6.5640e-003
tblVehicleEF	MCY	1.09	1.11
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.7000e-004	3.9100e-004
tblVehicleEF	MCY	6.7200e-004	9.6800e-004
tblVehicleEF	MCY	2.3400e-004	3.2800e-004

tblVehicleEF	MCY	5.8800e-004	8.0400e-004
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tblVehicleEF	MCY	0.43	0.46
tblVehicleEF	MCY	1.09	1.11
tblVehicleEF	MCY	2.74	2.86
tblVehicleEF	MCY	1.01	1.13
tblVehicleEF	MCY	1.78	1.81
tblVehicleEF	MCY	2.2290e-003	2.2460e-003
tblVehicleEF	MCY	5.9900e-004	6.2300e-004
tblVehicleEF	MCY	1.16	1.17
tblVehicleEF	MCY	0.43	0.46
tblVehicleEF	MCY	1.09	1.11
tblVehicleEF	MCY	3.00	3.12
tblVehicleEF	MCY	1.01	1.13
tblVehicleEF	MCY	1.91	1.94
tblVehicleEF	MCY	26.06	29.25
tblVehicleEF	MCY	11.21	10.95
tblVehicleEF	MCY	159.22	156.52
tblVehicleEF	MCY	36.31	38.51
tblVehicleEF	MCY	6.4670e-003	6.5640e-003
tblVehicleEF	MCY	1.23	1.25
tblVehicleEF	MCY	0.32	0.32
tblVehicleEF	MCY	2.7000e-004	3.9100e-004
tblVehicleEF	MCY	6.7200e-004	9.6800e-004
tblVehicleEF	MCY	2.3400e-004	3.2800e-004
tblVehicleEF	MCY	5.8800e-004	8.0400e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.49	0.53
tblVehicleEF	MCY	0.39	0.40
tblVehicleEF	MCY	2.85	3.00

tblVehicleEF	MCY	1.42	1.56
tblVehicleEF	MCY	2.19	2.25
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tblVehicleEF	MCY	6.4800e-004	6.7100e-004
tblVehicleEF	MCY	0.65	0.65
tblVehicleEF	MCY	0.49	0.53
tblVehicleEF	MCY	0.39	0.40
tblVehicleEF	MCY	3.12	3.27
tblVehicleEF	MCY	1.42	1.56
tblVehicleEF	MCY	2.35	2.41
tblVehicleEF	MDV	0.01	2.0861e-003
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tblVehicleEF	MDV	0.10	0.22
tblVehicleEF	MDV	0.13	0.38
tblVehicleEF	MDV	2.0960e-003	2.0400e-003
tblVehicleEF	MDV	4.8170e-003	3.4670e-003
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tblVehicleEF	MDV	4.4690e-003	3.2110e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.20
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.02	0.04
tblVehicleEF	MDV	0.49	0.60
tblVehicleEF	MDV	0.12	0.34
tblVehicleEF	MDV	6.2100e-003	6.1880e-003

tblVehicleEF	MDV	1.3200e-003	1.3480e-003
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.16	0.20
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.03	0.07
tblVehicleEF	MDV	0.49	0.60
tblVehicleEF	MDV	0.13	0.36
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	6.8120e-003	0.02
tblVehicleEF	MDV	0.97	1.86
tblVehicleEF	MDV	1.34	3.15
tblVehicleEF	MDV	459.07	516.30
tblVehicleEF	MDV	91.12	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.09	0.21
tblVehicleEF	MDV	0.12	0.35
tblVehicleEF	MDV	2.0960e-003	2.0400e-003
tblVehicleEF	MDV	4.8170e-003	3.4670e-003
tblVehicleEF	MDV	1.9450e-003	1.8870e-003
tblVehicleEF	MDV	4.4690e-003	3.2110e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.16	0.21
tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.02	0.05
tblVehicleEF	MDV	0.45	0.56
tblVehicleEF	MDV	0.10	0.28
tblVehicleEF	MDV	6.5530e-003	6.5290e-003
tblVehicleEF	MDV	1.3130e-003	1.3290e-003
tblVehicleEF	MDV	0.10	0.10
tblVehicleEF	MDV	0.16	0.21

tblVehicleEF	MDV	0.15	0.15
tblVehicleEF	MDV	0.03	0.07
tblVehicleEF	MDV	0.45	0.56
tblVehicleEF	MDV	0.11	0.30
tblVehicleEF	MDV	0.01	0.02
tblVehicleEF	MDV	6.8120e-003	0.02
tblVehicleEF	MDV	0.85	1.66
tblVehicleEF	MDV	1.97	4.58
tblVehicleEF	MDV	430.75	484.72
tblVehicleEF	MDV	91.12	103.31
tblVehicleEF	MDV	0.13	0.13
tblVehicleEF	MDV	0.10	0.23
tblVehicleEF	MDV	0.14	0.40
tblVehicleEF	MDV	2.0960e-003	2.0400e-003
tblVehicleEF	MDV	4.8170e-003	3.4670e-003
tblVehicleEF	MDV	1.9450e-003	1.8870e-003
tblVehicleEF	MDV	4.4690e-003	3.2110e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.17	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.02	0.04
tblVehicleEF	MDV	0.58	0.72
tblVehicleEF	MDV	0.13	0.36
tblVehicleEF	MDV	6.1470e-003	6.1260e-003
tblVehicleEF	MDV	1.3230e-003	1.3540e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.17	0.22
tblVehicleEF	MDV	0.08	0.08
tblVehicleEF	MDV	0.03	0.07
tblVehicleEF	MDV	0.58	0.72

tblVehicleEF	MDV	0.14	0.39
tblVehicleEF	MH	0.00	3.5899e-003
tblVehicleEF	MH	0.25	2.03
tblVehicleEF	MH	4.05	6.63
tblVehicleEF	MH	683.37	1,173.29
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.3890e-003	3.4460e-003
tblVehicleEF	MH	0.70	1.38
tblVehicleEF	MH	0.53	0.74
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5550e-003	8.5470e-003
tblVehicleEF	MH	8.4460e-003	0.02
tblVehicleEF	MH	1.9300e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1390e-003	2.1370e-003
tblVehicleEF	MH	7.7720e-003	0.02
tblVehicleEF	MH	1.7900e-004	6.6300e-004
tblVehicleEF	MH	0.36	0.81
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.28	0.44
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.50	1.79
tblVehicleEF	MH	0.22	0.37
tblVehicleEF	MH	7.5090e-003	7.5150e-003
tblVehicleEF	MH	3.8300e-004	4.2900e-004
tblVehicleEF	MH	0.36	0.81
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.28	0.44
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	0.50	1.79

tblVehicleEF	MH	0.24	0.39
tblVehicleEF	MH	0.25	2.09
tblVehicleEF	MH	3.16	5.08
tblVehicleEF	MH	683.37	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.3890e-003	3.4460e-003
tblVehicleEF	MH	0.67	1.30
tblVehicleEF	MH	0.51	0.71
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5550e-003	8.5470e-003
tblVehicleEF	MH	8.4460e-003	0.02
tblVehicleEF	MH	1.9300e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1390e-003	2.1370e-003
tblVehicleEF	MH	7.7720e-003	0.02
tblVehicleEF	MH	1.7900e-004	6.6300e-004
tblVehicleEF	MH	0.50	1.11
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.47	0.76
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.48	1.74
tblVehicleEF	MH	0.19	0.31
tblVehicleEF	MH	7.5090e-003	7.5160e-003
tblVehicleEF	MH	3.6800e-004	4.0300e-004
tblVehicleEF	MH	0.50	1.11
tblVehicleEF	MH	0.03	0.07
tblVehicleEF	MH	0.47	0.76
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	0.48	1.74
tblVehicleEF	MH	0.21	0.33

tblVehicleEF	MH	0.25	2.01
tblVehicleEF	MH	4.45	7.33
tblVehicleEF	MH	683.37	681.06
tblVehicleEF	MH	28.13	28.25
tblVehicleEF	MH	3.3890e-003	3.4460e-003
tblVehicleEF	MH	0.70	1.38
tblVehicleEF	MH	0.54	0.76
tblVehicleEF	MH	0.05	0.05
tblVehicleEF	MH	8.5550e-003	8.5470e-003
tblVehicleEF	MH	8.4460e-003	0.02
tblVehicleEF	MH	1.9300e-004	7.2200e-004
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.1390e-003	2.1370e-003
tblVehicleEF	MH	7.7720e-003	0.02
tblVehicleEF	MH	1.7900e-004	6.6300e-004
tblVehicleEF	MH	0.32	0.84
tblVehicleEF	MH	0.03	0.09
tblVehicleEF	MH	0.24	0.41
tblVehicleEF	MH	0.03	0.10
tblVehicleEF	MH	0.55	1.92
tblVehicleEF	MH	0.23	0.39
tblVehicleEF	MH	7.5090e-003	7.5140e-003
tblVehicleEF	MH	3.8900e-004	4.4100e-004
tblVehicleEF	MH	0.32	0.84
tblVehicleEF	MH	0.03	0.09
tblVehicleEF	MH	0.24	0.41
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	0.55	1.92
tblVehicleEF	MH	0.25	0.42
tblVehicleEF	MHD	8.3090e-003	7.6150e-003

tblVehicleEF	MHD	4.5890e-003	2.3661e-003
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tblVehicleEF	MHD	0.39	0.77
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tblVehicleEF	MHD	990.49	1,183.59
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tblVehicleEF	MHD	3.22	4.60
tblVehicleEF	MHD	0.91	1.79
tblVehicleEF	MHD	0.92	1.78
tblVehicleEF	MHD	7.5350e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	4.0200e-004	1.6820e-003
tblVehicleEF	MHD	6.9320e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	3.7300e-004	1.5330e-003
tblVehicleEF	MHD	1.1810e-003	2.1230e-003
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tblVehicleEF	MHD	0.18	0.16
tblVehicleEF	MHD	1.1910e-003	1.6670e-003
tblVehicleEF	MHD	0.10	0.13
tblVehicleEF	MHD	0.33	0.48
tblVehicleEF	MHD	0.48	0.98
tblVehicleEF	MHD	6.0720e-003	6.0640e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.8300e-004	8.4700e-004

tblVehicleEF	MHD	1.1810e-003	2.1230e-003
tblVehicleEF	MHD	0.06	0.09
tblVehicleEF	MHD	0.20	0.19
tblVehicleEF	MHD	1.1910e-003	1.6670e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.33	0.48
tblVehicleEF	MHD	0.51	1.04
tblVehicleEF	MHD	7.8310e-003	7.1760e-003
tblVehicleEF	MHD	4.5890e-003	5.1900e-003
tblVehicleEF	MHD	1.54	1.39
tblVehicleEF	MHD	0.40	0.78
tblVehicleEF	MHD	6.04	12.98
tblVehicleEF	MHD	606.88	606.05
tblVehicleEF	MHD	990.49	995.11
tblVehicleEF	MHD	49.32	49.80
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	3.32	4.74
tblVehicleEF	MHD	0.87	1.72
tblVehicleEF	MHD	0.87	1.70
tblVehicleEF	MHD	6.3520e-003	9.7830e-003
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	4.0200e-004	1.6820e-003
tblVehicleEF	MHD	5.8440e-003	9.0000e-003
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	3.7300e-004	1.5330e-003
tblVehicleEF	MHD	1.7200e-003	3.1680e-003
tblVehicleEF	MHD	0.06	0.10

tblVehicleEF	MHD	0.17	0.15
tblVehicleEF	MHD	1.9740e-003	3.0070e-003
tblVehicleEF	MHD	0.10	0.13
tblVehicleEF	MHD	0.31	0.47
tblVehicleEF	MHD	0.41	0.83
tblVehicleEF	MHD	6.4330e-003	6.4240e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.5500e-004	7.8200e-004
tblVehicleEF	MHD	1.7200e-003	3.1680e-003
tblVehicleEF	MHD	0.06	0.10
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	1.9740e-003	3.0070e-003
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.31	0.47
tblVehicleEF	MHD	0.44	0.89
tblVehicleEF	MHD	8.9700e-003	8.2210e-003
tblVehicleEF	MHD	4.5890e-003	5.1900e-003
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tblVehicleEF	MHD	0.39	0.77
tblVehicleEF	MHD	8.47	18.52
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tblVehicleEF	MHD	990.49	995.11
tblVehicleEF	MHD	49.32	49.80
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tblVehicleEF	MHD	3.07	4.39
tblVehicleEF	MHD	0.90	1.78
tblVehicleEF	MHD	0.94	1.82
tblVehicleEF	MHD	9.1690e-003	0.01
tblVehicleEF	MHD	0.12	0.12
tblVehicleEF	MHD	0.01	0.01

tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	4.0200e-004	1.6820e-003
tblVehicleEF	MHD	8.4350e-003	0.01
tblVehicleEF	MHD	0.05	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	3.7300e-004	1.5330e-003
tblVehicleEF	MHD	9.9800e-004	2.0010e-003
tblVehicleEF	MHD	0.07	0.11
tblVehicleEF	MHD	0.19	0.18
tblVehicleEF	MHD	1.0440e-003	1.4670e-003
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tblVehicleEF	MHD	0.37	0.54
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tblVehicleEF	MHD	5.5740e-003	5.5670e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	6.9600e-004	8.7600e-004
tblVehicleEF	MHD	9.9800e-004	2.0010e-003
tblVehicleEF	MHD	0.07	0.11
tblVehicleEF	MHD	0.22	0.20
tblVehicleEF	MHD	1.0440e-003	1.4670e-003
tblVehicleEF	MHD	0.12	0.15
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tblVehicleEF	MHD	0.54	1.11
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tblVehicleEF	OBUS	2.8960e-003	5.9810e-003
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tblVehicleEF	OBUS	533.36	534.88
tblVehicleEF	OBUS	1,043.41	1,213.87

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tblVehicleEF	OBUS	1.9570e-003	1.8710e-003
tblVehicleEF	OBUS	3.20	4.65
tblVehicleEF	OBUS	1.04	2.33
tblVehicleEF	OBUS	0.82	1.52
tblVehicleEF	OBUS	8.7960e-003	9.5470e-003
tblVehicleEF	OBUS	0.09	0.09
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	2.8700e-004	6.9800e-004
tblVehicleEF	OBUS	8.0920e-003	8.7830e-003
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	2.6210e-003	2.6050e-003
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	2.6700e-004	6.4300e-004
tblVehicleEF	OBUS	6.4900e-004	7.6500e-004
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tblVehicleEF	OBUS	0.56	0.47
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tblVehicleEF	OBUS	5.0600e-004	5.2600e-004
tblVehicleEF	OBUS	0.13	0.18

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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	2.8960e-003	2.8860e-003
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tblVehicleEF	OBUS	565.05	566.66
tblVehicleEF	OBUS	1,043.41	1,037.87
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.04
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tblVehicleEF	OBUS	0.04	0.04

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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	9.0300e-004	5.1810e-003
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tblVehicleEF	SBUS	2.6540e-003	2.7220e-003
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tblVehicleEF	SBUS	8.3800e-004	4.6650e-003
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tblVehicleEF	SBUS	0.13	0.21
tblVehicleEF	SBUS	0.17	0.10
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tblVehicleEF	SBUS	13.35	28.32
tblVehicleEF	SBUS	607.53	579.49
tblVehicleEF	SBUS	986.84	1,024.49
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	4.5000e-004	5.8600e-004
tblVehicleEF	SBUS	3.76	7.82
tblVehicleEF	SBUS	3.10	6.72
tblVehicleEF	SBUS	1.50	2.42
tblVehicleEF	SBUS	6.4530e-003	0.01
tblVehicleEF	SBUS	0.50	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	9.0300e-004	5.1810e-003
tblVehicleEF	SBUS	5.9370e-003	0.01
tblVehicleEF	SBUS	0.21	0.23
tblVehicleEF	SBUS	2.6540e-003	2.7220e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	8.3800e-004	4.6650e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.13	0.21
tblVehicleEF	SBUS	0.16	0.09
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.25	0.39
tblVehicleEF	SBUS	0.70	1.43
tblVehicleEF	SBUS	0.89	1.95
tblVehicleEF	SBUS	6.4400e-003	6.1430e-003
tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	1.5160e-003	1.8010e-003
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.13	0.21
tblVehicleEF	SBUS	0.18	0.10
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.28	0.44
tblVehicleEF	SBUS	0.70	1.43
tblVehicleEF	SBUS	0.95	2.08
tblVehicleEF	SBUS	8.6010e-003	4.8080e-003
tblVehicleEF	SBUS	9.0220e-003	5.3930e-003
tblVehicleEF	SBUS	2.79	1.45
tblVehicleEF	SBUS	1.38	4.22
tblVehicleEF	SBUS	17.17	36.98
tblVehicleEF	SBUS	526.41	502.12
tblVehicleEF	SBUS	986.84	1,024.49
tblVehicleEF	SBUS	115.30	116.73
tblVehicleEF	SBUS	4.5000e-004	5.8600e-004
tblVehicleEF	SBUS	3.48	7.24
tblVehicleEF	SBUS	3.22	6.98
tblVehicleEF	SBUS	1.65	2.67
tblVehicleEF	SBUS	9.3140e-003	0.02
tblVehicleEF	SBUS	0.50	0.55
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	9.0300e-004	5.1810e-003
tblVehicleEF	SBUS	8.5690e-003	0.02
tblVehicleEF	SBUS	0.21	0.23
tblVehicleEF	SBUS	2.6540e-003	2.7220e-003
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	8.3800e-004	4.6650e-003

tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.13	0.26
tblVehicleEF	SBUS	0.19	0.10
tblVehicleEF	SBUS	6.9550e-003	0.01
tblVehicleEF	SBUS	0.24	0.38
tblVehicleEF	SBUS	1.02	1.93
tblVehicleEF	SBUS	1.03	2.34
tblVehicleEF	SBUS	5.5800e-003	5.3230e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	1.5810e-003	1.9490e-003
tblVehicleEF	SBUS	0.01	0.03
tblVehicleEF	SBUS	0.13	0.26
tblVehicleEF	SBUS	0.21	0.12
tblVehicleEF	SBUS	6.9550e-003	0.01
tblVehicleEF	SBUS	0.28	0.43
tblVehicleEF	SBUS	1.02	1.93
tblVehicleEF	SBUS	1.10	2.50
tblVehicleEF	UBUS	0.00	0.28
tblVehicleEF	UBUS	1.90	3.03
tblVehicleEF	UBUS	4.49	5.66
tblVehicleEF	UBUS	1,858.89	1,348.71
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	1.9710e-003	2.0620e-003
tblVehicleEF	UBUS	6.46	11.05
tblVehicleEF	UBUS	0.84	0.89
tblVehicleEF	UBUS	0.13	0.19
tblVehicleEF	UBUS	1.2900e-004	2.0500e-004
tblVehicleEF	UBUS	0.12	0.18
tblVehicleEF	UBUS	1.2000e-004	1.9000e-004
tblVehicleEF	UBUS	1.7000e-003	1.9740e-003

tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	1.6900e-003	1.8420e-003
tblVehicleEF	UBUS	0.35	0.58
tblVehicleEF	UBUS	0.35	0.32
tblVehicleEF	UBUS	0.47	0.52
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.3800e-004	3.5800e-004
tblVehicleEF	UBUS	1.7000e-003	1.9740e-003
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	1.6900e-003	1.8420e-003
tblVehicleEF	UBUS	0.40	0.66
tblVehicleEF	UBUS	0.35	0.32
tblVehicleEF	UBUS	0.50	0.56
tblVehicleEF	UBUS	1.92	3.06
tblVehicleEF	UBUS	3.73	4.66
tblVehicleEF	UBUS	1,858.89	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	1.9710e-003	2.0620e-003
tblVehicleEF	UBUS	6.23	10.66
tblVehicleEF	UBUS	0.79	0.85
tblVehicleEF	UBUS	0.13	0.19
tblVehicleEF	UBUS	1.2900e-004	2.0500e-004
tblVehicleEF	UBUS	0.12	0.18
tblVehicleEF	UBUS	1.2000e-004	1.9000e-004
tblVehicleEF	UBUS	2.0730e-003	2.4040e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	3.0010e-003	3.2720e-003
tblVehicleEF	UBUS	0.35	0.59
tblVehicleEF	UBUS	0.31	0.29
tblVehicleEF	UBUS	0.42	0.47

tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.2500e-004	3.4100e-004
tblVehicleEF	UBUS	2.0730e-003	2.4040e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	3.0010e-003	3.2720e-003
tblVehicleEF	UBUS	0.40	0.66
tblVehicleEF	UBUS	0.31	0.29
tblVehicleEF	UBUS	0.45	0.50
tblVehicleEF	UBUS	1.90	3.02
tblVehicleEF	UBUS	4.82	6.10
tblVehicleEF	UBUS	1,858.89	1,981.57
tblVehicleEF	UBUS	22.78	22.78
tblVehicleEF	UBUS	1.9710e-003	2.0620e-003
tblVehicleEF	UBUS	6.43	11.00
tblVehicleEF	UBUS	0.85	0.91
tblVehicleEF	UBUS	0.13	0.19
tblVehicleEF	UBUS	1.2900e-004	2.0500e-004
tblVehicleEF	UBUS	0.12	0.18
tblVehicleEF	UBUS	1.2000e-004	1.9000e-004
tblVehicleEF	UBUS	1.5740e-003	1.8930e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	1.4990e-003	1.6820e-003
tblVehicleEF	UBUS	0.35	0.58
tblVehicleEF	UBUS	0.45	0.40
tblVehicleEF	UBUS	0.49	0.55
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	3.4400e-004	3.6600e-004
tblVehicleEF	UBUS	1.5740e-003	1.8930e-003
tblVehicleEF	UBUS	0.04	0.05
tblVehicleEF	UBUS	1.4990e-003	1.6820e-003

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	32.4452	0.1655	14.3502	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9839	581.9839	0.0331	0.0102	585.8533
Energy	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	7,881.4885	7,881.4885	0.2483	0.1143	7,922.1242
Mobile	13.0644	27.5166	118.1578	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	16,832.9940	16,832.9940	0.5645	0.0000	16,844.8479
Waste						0.0000	0.0000		0.0000	0.0000	512.4466	0.0000	512.4466	30.2847	0.0000	1,148.4259
Water						0.0000	0.0000		0.0000	0.0000	43.2304	748.8802	792.1106	4.4714	0.1133	921.1450
Total	45.8685	30.7959	134.1526	0.3742	24.3027	0.7743	25.0770	6.4998	0.7424	7.2421	555.6771	26,045.3466	26,601.0236	35.6019	0.2379	27,422.3964

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	32.4391	0.1645	14.2468	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7720	581.7720	0.0328	0.0102	585.6347
Energy	0.2889	2.5058	1.3228	0.0158		0.1996	0.1996		0.1996	0.1996	0.0000	6,770.8054	6,770.8054	0.2176	0.0968	6,805.3881
Mobile	13.0644	27.5166	118.1578	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	16,832.9940	16,832.9940	0.5645	0.0000	16,844.8479
Waste						0.0000	0.0000		0.0000	0.0000	409.9573	0.0000	409.9573	24.2278	0.0000	918.7407
Water						0.0000	0.0000		0.0000	0.0000	34.5843	566.7591	601.3435	3.5752	0.0902	704.3770

Total	45.7924	30.1869	133.7274	0.3703	24.3027	0.7252	25.0280	6.4998	0.6933	7.1931	444.5416	24,752.3305	25,196.8721	28.6179	0.1972	25,858.9883
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	ROG	NOx	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	0.17	1.98	0.32	1.02	0.00	6.33	0.20	0.00	6.60	0.68	20.00	4.96	5.28	19.62	17.08	5.70

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/2/2011	12/31/2010	5	0	
2	Site Preparation	Site Preparation	1/2/2011	12/31/2010	5	0	
3	Grading	Grading	1/2/2011	12/31/2010	5	0	
4	Building Construction	Building Construction	1/2/2011	12/31/2010	5	0	
5	Paving	Paving	1/2/2011	12/31/2010	5	0	
6	Architectural Coating	Architectural Coating	1/2/2011	12/31/2010	5	0	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 12,950,685; Residential Outdoor: 4,316,895; Non-Residential Indoor: 2,496,441; Non-Residential Outdoor: 832,147

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	226	0.29

Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	174	0.41
Paving	Pavers	1	7.00	125	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	255	0.40
Grading	Rubber Tired Dozers	1	1.00	255	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition	Excavators	3	8.00	162	0.38
Grading	Excavators	2	8.00	162	0.38
Building Construction	Generator Sets	1	8.00	84	0.74
Grading	Graders	1	8.00	174	0.41
Paving	Paving Equipment	2	8.00	130	0.36
Site Preparation	Rubber Tired Dozers	3	8.00	255	0.40
Grading	Scrapers	2	8.00	361	0.48
Building Construction	Welders	1	8.00	46	0.45

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	7	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	5	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	9	10.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	0.00	480.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	9	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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	13.0644	27.5166	118.1578	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	16,832.9940	16,832.9940	0.5645	0.0000	16,844.8479
Unmitigated	13.0644	27.5166	118.1578	0.3538	24.3027	0.4074	24.7102	6.4998	0.3759	6.8757	0.0000	16,832.9940	16,832.9940	0.5645	0.0000	16,844.8479

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	148.50	148.50	148.50	317,026	317,026
Condo/Townhouse	0.00	0.00	0.00		
Elementary School	900.00	0.00	0.00	1,417,461	1,417,461
Government Office Building	481.00	481.00	481.00	824,857	824,857
Hotel	1,600.00	1,600.00	1600.00	3,039,889	3,039,889
Single Family Housing	19,380.00	19,380.00	19380.00	55,335,779	55,335,779
Strip Mall	2,400.00	2,400.00	2400.00	3,696,079	3,696,079
Total	24,909.50	24,009.50	24,009.50	64,631,092	64,631,092

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Condo/Townhouse	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Elementary School	9.50	7.30	7.30	65.00	30.00	5.00	63	25	12

Government Office Building	9.50	7.30	7.30	33.00	62.00	5.00	50	34	16
Hotel	9.50	7.30	7.30	19.40	61.60	19.00	58	38	4
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
0.513300	0.073549	0.191092	0.130830	0.036094	0.005140	0.012550	0.022916	0.001871	0.002062	0.006564	0.000586	0.003446

5.0 Energy Detail

4.4 Fleet Mix

Historical Energy Use: N

5.1 Mitigation Measures Energy

- Exceed Title 24
- Install High Efficiency Lighting
- Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive 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					
NaturalGas Mitigated	0.2889	2.5058	1.3228	0.0158		0.1996	0.1996		0.1996	0.1996	0.0000	2,859.0154	2,859.0154	0.0548	0.0524	2,876.4149
NaturalGas Unmitigated	0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3,911.7900	3,911.7900	0.1628	0.0444	3,928.9731
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,328.9680	4,328.9680	0.1802	0.0491	4,347.9836

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					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	262849	1.4200e-003	0.0129	0.0108	8.0000e-005		9.8000e-004	9.8000e-004		9.8000e-004	9.8000e-004	0.0000	14.0266	14.0266	2.7000e-004	2.6000e-004	14.1120
Government Office Building	182000	9.8000e-004	8.9200e-003	7.4900e-003	5.0000e-005		6.8000e-004	6.8000e-004		6.8000e-004	6.8000e-004	0.0000	9.7122	9.7122	1.9000e-004	1.8000e-004	9.7713
Hotel	1.52431e+007	0.0822	0.7472	0.6277	4.4800e-003		0.0568	0.0568		0.0568	0.0568	0.0000	813.4297	813.4297	0.0156	0.0149	818.3801
Single Family Housing	5.0842e+007	0.2742	2.3427	0.9969	0.0150		0.1894	0.1894		0.1894	0.1894	0.0000	2,713.1215	2,713.1215	0.0520	0.0497	2,729.6331
Strip Mall	41800	2.3000e-004	2.0500e-003	1.7200e-003	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.2306	2.2306	4.0000e-005	4.0000e-005	2.2442
Total		0.3590	3.1138	1.6446	0.0196		0.2480	0.2480		0.2480	0.2480	0.0000	3,552.5206	3,552.5206	0.0681	0.0651	3,574.1406

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Elementary School	203156	1.1000e-003	9.9600e-003	8.3700e-003	6.0000e-005		7.6000e-004	7.6000e-004		7.6000e-004	7.6000e-004	0.0000	10.8412	10.8412	2.1000e-004	2.0000e-004	10.9072
Government Office Building	147000	7.9000e-004	7.2100e-003	6.0500e-003	4.0000e-005		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	7.8445	7.8445	1.5000e-004	1.4000e-004	7.8922
Hotel	1.22382e+007	0.0660	0.5999	0.5039	3.6000e-003		0.0456	0.0456		0.0456	0.0456	0.0000	653.0760	653.0760	0.0125	0.0120	657.0505

Single Family Housing	4.09508e+007	0.2208	1.8870	0.8030	0.0120		0.1526	0.1526		0.1526	0.1526	0.0000	2,185.2900	2,185.2900	0.0419	0.0401	2,198.5893
Strip Mall	36800	2.0000e-004	1.8000e-003	1.5200e-003	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	1.9638	1.9638	4.0000e-005	4.0000e-005	1.9757
Total		0.2889	2.5058	1.3228	0.0158		0.1996	0.1996		0.1996	0.1996	0.0000	2,859.0155	2,859.0155	0.0548	0.0524	2,876.4149

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	278399	66.7527	2.7800e-003	7.6000e-004	67.0460
Government Office Building	137500	32.9689	1.3700e-003	3.7000e-004	33.1137
Hotel	3.86813e+006	927.4744	0.0386	0.0105	931.5485
Single Family Housing	1.35066e+007	3,238.5197	0.1348	0.0368	3,252.7454
Strip Mall	263800	63.2522	2.6300e-003	7.2000e-004	63.5301
Total		4,328.9680	0.1802	0.0491	4,347.9836

Mitigated

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

City Park	0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	238245	57.1247	2.3800e-003	6.5000e-004	57.3756
Government Office Building	119880	28.7440	1.2000e-003	3.3000e-004	28.8703
Hotel	3.27019e+006	784.1058	0.0326	8.9000e-003	787.5501
Single Family Housing	1.24586e+007	2.987.2358	0.1243	0.0339	3,000.3577
Strip Mall	227630	54.5796	2.2700e-003	6.2000e-004	54.8194
Total		3,911.7900	0.1628	0.0444	3,928.9731

6.0 Area Detail

6.1 Mitigation Measures Area

- Use Electric Lawnmower
- Use Electric Leafblower
- Use Electric Chainsaw

	ROG	NOx	CO	SO2	Fugitive 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	32.4391	0.1645	14.2468	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7720	581.7720	0.0328	0.0102	585.6347
Unmitigated	32.4452	0.1655	14.3502	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9839	581.9839	0.0331	0.0102	585.8533

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	0.4821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4295	0.1655	14.3472	7.6000e-004		0.0798	0.0798		0.0798	0.0798	0.0000	23.5210	23.5210	0.0224	0.0000	23.9917
Total	32.4451	0.1655	14.3502	7.6000e-004		0.1188	0.1188		0.1184	0.1184	0.0000	581.9839	581.9839	0.0331	0.0102	585.8533

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	0.4821					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	31.4771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0564	0.0000	3.0800e-003	0.0000		0.0390	0.0390		0.0386	0.0386	0.0000	558.4629	558.4629	0.0107	0.0102	561.8616
Landscaping	0.4234	0.1645	14.2437	7.5000e-004		0.0792	0.0792		0.0792	0.0792	0.0000	23.3090	23.3090	0.0221	0.0000	23.7730
Total	32.4391	0.1645	14.2468	7.5000e-004		0.1182	0.1182		0.1178	0.1178	0.0000	581.7720	581.7720	0.0328	0.0102	585.6347

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			
Unmitigated	792.1106	4.4714	0.1133	921.1450
Mitigated	601.3435	3.5752	0.0902	704.3770

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 35.387	94.2668	3.9200e-003	1.0700e-003	94.6809
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.45454 / 3.74026	14.9663	0.0480	1.2800e-003	16.3723
Government Office Building	1.9866 / 1.21759	10.0761	0.0651	1.6400e-003	11.9508
Hotel	5.07335 / 0.563706	18.9507	0.1660	4.1000e-003	23.7085
Single Family Housing	126.269 / 79.6041	646.3367	4.1397	0.1040	765.5205
Strip Mall	1.48145 / 0.907986	7.5140	0.0486	1.2200e-003	8.9120

Total		792.1106	4.4714	0.1133	921.1450
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Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 24.7709	65.9868	2.7500e-003	7.5000e-004	66.2766
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Elementary School	1.16364 / 2.61818	10.9767	0.0384	1.0100e-003	12.0965
Government Office Building	1.58928 / 0.852314	7.7365	0.0521	1.3000e-003	9.2341
Hotel	4.05868 / 0.394594	15.0104	0.1328	3.2700e-003	18.8141
Single Family Housing	101.015 / 55.7228	495.8638	3.3104	0.0829	591.0696
Strip Mall	1.18516 / 0.63559	5.7693	0.0388	9.7000e-004	6.8861
Total		601.3435	3.5753	0.0902	704.3770

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
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	MT/yr			
Mitigated	409.9573	24.2278	0.0000	918.7407
Unmitigated	512.4466	30.2847	0.0000	1,148.4259

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	2.55	0.5176	0.0306	0.0000	1.1600
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	109.5	22.2275	1.3136	0.0000	49.8133
Government Office Building	9.3	1.8878	0.1116	0.0000	4.2307
Hotel	109.5	22.2275	1.3136	0.0000	49.8133
Single Family Housing	2272.63	461.3234	27.2634	0.0000	1,033.8554
Strip Mall	21	4.2628	0.2519	0.0000	9.5532
Total		512.4466	30.2847	0.0000	1,148.4259

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
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Land Use	tons	MT/yr			
City Park	2.04	0.4141	0.0245	0.0000	0.9280
Condo/Townhouse	0	0.0000	0.0000	0.0000	0.0000
Elementary School	87.6	17.7820	1.0509	0.0000	39.8506
Government Office Building	7.44	1.5103	0.0893	0.0000	3.3846
Hotel	87.6	17.7820	1.0509	0.0000	39.8506
Single Family Housing	1818.1	369.0587	21.8107	0.0000	827.0843
Strip Mall	16.8	3.4103	0.2015	0.0000	7.6426
Total		409.9573	24.2278	0.0000	918.7407

9.0 Operational Offroad

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