

**2013 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2013

Source/Receptor Area No. Location	Station No.	Carbon Monoxide ^{a)}		Ozone								Nitrogen Dioxide ^{b)}				Sulfur Dioxide ^{c)}			
		No. Days of Data	Max Conc. in ppm 8-hour	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	Fourth High Conc. ppm 8-hour	Health Advisory ≥ 0.15 ppm 1-hour	No. Days Standard Exceeded				No. Days of Data	Max Conc. in ppb 1-hour	98 th Percentile Conc. ppb 1-hour	Annual Average AAM Conc. ppb	No. Days of Data	Max. Conc. in ppb 1-hour	99 th Percentile Conc. ppb 1-hour
									Old Federal > 0.124 ppm 1-hour	Current Federal > 0.075 ppm 8-hour	Current State > 0.09 ppm 1-hour	Current State > 0.070 ppm 8-hour							
LOS ANGELES COUNTY																			
1 Central LA	087	330	2.0	365	0.081	0.069	0.060	0	0	0	0	0	301	90.3	62.6	21.8	312	6.3	5.2
2 Northwest Coastal LA County	091	340	1.3	359	0.088	0.075	0.059	0	0	0	1	291	51.2	48.8	14.5	--	--	--	
3 Southwest Coastal LA County	820	281*	2.5	352	0.105	0.081	0.060	0	0	1	1	334	77.8	58.0	11.8	322	10.1	6.5	
4 South Coastal LA County 1	072	249*	2.0	267*	0.092	0.070	0.060	0	0	0	0	234*	66.9	55.7	14.0	178*	21.8	10.1	
4 South Coastal LA County 2	077	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
4 South Coastal LA County 3	033	323	2.6	362	0.090	0.069	0.057	0	0	0	0	325	81.3	71.3	21.5	349	15.1	11.6	
6 West San Fernando Valley	074	323	2.3	320	0.124	0.092	0.084	0	0	11	7	258*	58.2	51.7	14.4	--	--	--	
7 East San Fernando Valley	069	335	2.4	362	0.110	0.083	0.079	0	0	6	4	284	72.5	60.0	20.2	342	10.8	4.2	
8 West San Gabriel Valley	088	201*	1.7	211*	0.099	0.075	0.070	0	0	0	2	200*	66.7	60.3	19.1	--	--	--	
9 East San Gabriel Valley 1	060	343	1.7	361	0.115	0.085	0.080	0	0	6	7	352	76.9	56.7	17.7	--	--	--	
9 East San Gabriel Valley 2	591	347	0.8	340	0.135	0.100	0.088	0	1	24	24	349	55.7	50.4	13.0	--	--	--	
10 Pomona/Walnut Valley	075	340	1.6	355	0.125	0.099	0.085	0	1	15	12	343	78.8	64.8	22.5	--	--	--	
11 South San Gabriel Valley	085	347	2.0	363	0.101	0.072	0.070	0	0	0	2	337	79.4	60.6	20.6	--	--	--	
12 South Central LA County	112	338	3.5	358	0.090	0.080	0.063	0	0	1	0	340	69.8	61.8	17.6	--	--	--	
13 Santa Clarita Valley	090	352	0.8	365	0.134	0.104	0.094	0	2	40	30	362	65.4	45.0	14.4	--	--	--	
ORANGE COUNTY																			
16 North Orange County	3177	355	2.2	363	0.104	0.078	0.066	0	0	1	2	269*	85.0	53.3	14.8	--	--	--	
17 Central Orange County	3176	333	2.6	340	0.084	0.070	0.063	0	0	0	0	301	81.6	58.8	18.0	--	--	--	
18 North Coastal Orange County	3195	313	2.0	385	0.095	0.083	0.065	0	0	1	1	330	75.7	53.2	11.6	296	4.2	3.3	
19 Saddleback Valley	3812	356	1.3	365	0.104	0.082	0.074	0	0	2	2	--	--	--	--	--	--	--	
RIVERSIDE COUNTY																			
22 Norco/Corona	4155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
23 Metropolitan Riverside County 1	4144	334	2.0	357	0.123	0.103	0.094	0	0	26	13	318	59.6	54.8	17.3	354	8.1	4.6	
23 Metropolitan Riverside County 2	4146	318	1.6	--	--	--	--	--	--	--	--	257*	57.6	50.7	15.8	--	--	--	
23 Mira Loma	4165	339	1.9	365	0.118	0.096	0.092	0	0	21	11	333	53.8	50.7	13.7	--	--	--	
24 Perris Valley	4149	--	--	344	0.108	0.090	0.088	0	0	34	17	60	--	--	--	--	--	--	
25 Lake Elsinore	4158	336	0.6	362	0.102	0.089	0.081	0	0	12	6	294	46.6	40.0	8.4	--	--	--	
26 Temecula	4031	--	--	324	0.093	0.078	0.075	0	0	3	0	12	--	--	--	--	--	--	
29 Banning Airport	4164	--	--	254*	0.115	0.103	0.091	0	0	41	24	66	308	51.9	45.0	8.5	--	--	--
30 Coachella Valley 1**	4137	354	1.5	365	0.113	0.104	0.090	0	0	46	10	82	359	52.3	38.5	7.5	--	--	--
30 Coachella Valley 2**	4157	--	--	365	0.105	0.087	0.085	0	0	18	2	38	--	--	--	--	--	--	
SAN BERNARDINO COUNTY																			
32 Northwest San Bernardino Valley	5175	340	1.7	365	0.143	0.111	0.095	0	3	27	25	44	276*	62.1	53.3	17.7	--	--	--
33 Southwest San Bernardino Valley	5817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
34 Central San Bernardino Valley 1	5197	337	1.3	363	0.151	0.122	0.100	1	2	42	34	68	335	81.7	60.6	20.6	298	3.8	3.1
34 Central San Bernardino Valley 2	5203	340	1.7	361	0.139	0.112	0.097	0	2	36	22	53	291	72.2	54.5	17.6	--	--	--
35 East San Bernardino Valley	5204	--	--	356	0.133	0.119	0.104	0	3	63	43	93	--	--	--	--	--	--	
37 Central San Bernardino Mountains	5181	--	--	365	0.120	0.105	0.099	0	0	72	45	101	--	--	--	--	--	--	
38 East San Bernardino Mountains	5818	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DISTRICT MAXIMUM			3.5		0.151	0.122	0.104	1	3	72	45	101		90.3	71.3	22.5		21.8	11.6
SOUTH COAST AIR BASIN			3.5		0.151	0.122	0.104	1	5	88	70	119		90.3	71.3	22.5		21.8	11.6

* Incomplete data.

** Salton Sea Air Basin

-- Pollutant not monitored

ppm - Parts Per Million parts of air, by volume

ppb - Parts Per Billion parts of air, by volume

AAM = Annual Arithmetic Mean

a) - The federal 8-hour standard (8-hour average CO > 9 ppm) and state 8-hour standard (8-hour average CO > 9.0 ppm) were not exceeded.

The federal and state 1-hour standards (35 ppm and 20 ppm) were not exceeded either.

b) - The NO₂ federal 1-hour standard is 100 ppb and the annual standard is annual arithmetic mean NO₂ > 0.0534 ppm (53.4 ppb). The state 1-hour and annual standards are 0.18 ppm (180 ppb) and 0.030 ppm (30 ppb).

c) - The federal SO₂ 1-hour standard is 75 ppb (0.075 ppm). The state standards are 1-hour average SO₂ > 0.25 ppm (250 ppb) and 24-hour average SO₂ > 0.04 ppm (40 ppb).



**South Coast
Air Quality Management District**
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For information on the current standard levels and most recent revisions please refer to "Appendix II - Current Air Quality" of the "Final 2012 AQMP" which can be accessed at [http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2012-air-quality-management-plan/final-2012-aqmp-\(february-2013\)/appendix-ii-final-2012.pdf](http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2012-air-quality-management-plan/final-2012-aqmp-(february-2013)/appendix-ii-final-2012.pdf). Maps showing the source/receptor area boundaries can be accessed via the Internet by entering your address in the AQMD Current Hourly Air Quality Map, accessed from <http://www2.aqmd.gov/webappl/aisaqi2/VEMap3D.aspx>. A map or copy of the AQMP Appendix II is also available free of charge from the AQMD Public Information Center at 1-800-CUT-SMOG.

**2013 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2013

Source/Receptor Area No. Location		Station No.	Suspended Particulates PM10 ^{d)}				Fine Particulates PM2.5 ^{f)}					Lead ^{h)}		PM10 Sulfate ⁱ⁾		
			No. Days of Data	Max. Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Federal Standard > 150 µg/m ³ 24-hour	No. (%) Samples Exceeding State Standard > 50 µg/m ³ 24-hour	Annual Average Conc. (AAM) µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour	98 th Percentile Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Federal Std > 35 µg/m ³ 24-hour	Annual Average Conc. (AAM) µg/m ³	Max. Monthly Average Conc. µg/m ³	Max. 3-Months Rolling Averages µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour
LOS ANGELES COUNTY																
1	Central LA	087	60	57	0	1(2%)	29.5	344	43.1	29.0	1(0.3%)	11.95	0.013	0.011	60	5.8
2	Northwest Coastal LA County	091	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3	Southwest Coastal LA County	820	56	38	0	0	20.8	--	--	--	--	--	0.005	0.004	56	5.6
4	South Coastal LA County 1	072	43*	37	0	0	23.2	331	47.2	26.1	2(0.6%)	11.34	0.006	0.006	43*	4.5
4	South Coastal LA County 2	077	56	54	0	1(2%)	27.3	341	42.9	24.6	1(0.3%)	10.97	0.012	0.009	56	4.8
4	South Coastal LA County 3	033	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	West San Fernando Valley	074	--	--	--	--	--	118	41.8	23.0	1(0.8%)	9.71	--	--	--	--
7	East San Fernando Valley	069	58	52	0	1(2%)	28.5	346	45.1	30.4	4(1.2%)	12.15	--	--	58	5.4
8	West San Gabriel Valley	088	--	--	--	--	--	64*	25.7	20.5	0(0%)	10.13	--	--	--	--
9	East San Gabriel Valley 1	060	61	76	0	6(10%)	33.0	120	29.6	26.4	0(0%)	10.54	--	--	61	4.8
9	East San Gabriel Valley 2	591	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10	Pomona/Walnut Valley	075	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	South San Gabriel Valley	085	--	--	--	--	--	114	29.1	28.8	0(0%)	11.56	0.012	0.011	--	--
12	South Central LA County	112	--	--	--	--	--	113	52.1	24.3	1(0.9%)	11.95	0.014	0.011	--	--
13	Santa Clarita Valley	090	60	43	0	0	21.6	--	--	--	--	--	--	--	60	3.7
ORANGE COUNTY																
16	North Orange County	3177	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	Central Orange County	3176	59	77	0	1(2%)	25.4	331	37.8	22.7	1(0.3%)	10.09	--	--	59	4.7
18	North Coastal Orange County	3195	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	Saddleback Valley	3812	61	51	0	1(2%)	19.3	117	28.0	17.5	0(0%)	8.08	--	--	61	4.4
RIVERSIDE COUNTY																
22	Norco/Corona	4155	57	58	0	2(4%)	28.3	--	--	--	--	--	--	--	57	4.2
23	Metropolitan Riverside County 1	4144	119	135	0	10(8%)	33.8	353	60.3	34.6	6(1.7%)	12.50	0.010	0.009	119	4.2
23	Metropolitan Riverside County 2	4146	--	--	--	--	--	117	53.7	29.2	1(0.9%)	11.28	0.007	0.006	--	--
23	Mira Loma	4165	59	147	0	14(24%)	41.1	355	56.5	37.5	9(2.5%)	14.12	--	--	59	4.2
24	Perris Valley	4149	57	70	0	10(18%)	33.6	--	--	--	--	--	--	--	57	3.4
25	Lake Elsinore	4158	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	Temecula	4031	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	Banning Airport	4164	61	64	0	1(2%)	20.6	--	--	--	--	--	--	--	61	2.9
30	Coachella Valley 1**	4137	60	129	0	3(5%)	22.6	117	18.5	13.8	0(0%)	6.52	--	--	60	3.5
30	Coachella Valley 2**	4157	120	129+	0+	23(19%)	38.1	118	25.8	15.9	0(0%)	8.35	--	--	120	3.9
SAN BERNARDINO COUNTY																
32	Northwest San Bernardino Valley	5175	--	--	--	--	--	--	--	--	--	--	0.008	0.006	--	--
33	Southwest San Bernardino Valley	5817	60	115	0	3(5%)	33.2	110	49.3	26.8	1(0.9%)	11.98	--	--	60	4.8
34	Central San Bernardino Valley 1	5197	61	90	0	19(31%)	40.6	121	43.6	33.1	1(0.8%)	12.26	--	--	61	4.1
34	Central San Bernardino Valley 2	5203	60	102	0	3(5%)	31.3	110	55.3	33.4	1(0.9%)	11.41	0.010	0.010	60	4.6
35	East San Bernardino Valley	5204	61	72	0	2(3%)	27.1	--	--	--	--	--	--	--	61	3.6
37	Central San Bernardino Mountains	5181	60	37	0	0	21.4	--	--	--	--	--	--	--	60	3.6
38	East San Bernardino Mountains	5818	--	--	--	--	--	59	35.5	35.1	1(1.7%)	9.67	--	--	--	--
DISTRICT MAXIMUM				147+	0+	23	41.1		60.3	37.5	9	14.12	0.013++	0.011++		5.8
SOUTH COAST AIR BASIN				147	0	33	41.1		60.4	37.5	13	14.12	0.013++	0.011++		5.8

* Incomplete data. ** Salton Sea Air Basin µg/m³ - Micrograms per cubic meter of air AAM = Annual Arithmetic Mean -- - Pollutant not monitored
d) - Federal Reference Method (FRM) PM10 samples were collected every 6 days at all sites except for Stations 4144 and 4157, where samples were collected every 3 days. PM10 statistics listed above are for the FRM data only. Federal Equivalent Method (FEM) PM10 continuous monitoring instruments were operated at some of the above locations. Max 24-hour average PM10 at sites with FEM monitoring was 153 µg/m³, at Indio (155 µg/m³ is needed to exceed the PM10 standard).
e) - State standard is annual average (AAM) > 20 µg/m³. Federal annual PM10 standard (AAM > 50 µg/m³) was revoked in 2006.
f) - PM2.5 samples were collected every 3 days at all sites except for station numbers 069, 072, 077, 087, 3176, 4144 and 4165, where samples were taken daily, and station number 5818 where samples were taken every 6 days. PM2.5 statistics listed above are for the FRM data only. FEM PM2.5 continuous monitoring instruments were operated at some of the above locations for special purposes with the max 24-hour average concentration recorded of 83.2 µg/m³, (at Mira Loma).
g) - U.S. EPA has revised the federal annual PM2.5 standard from annual average (AAM) > 15.0 µg/m³ to AAM > 12.0 µg/m³, effective December 14, 2012. State standard is annual average (AAM) > 12.0 µg/m³.
+) - High PM10 data sample (159 µg/m³ on August 23 at Indio) excluded due to the high wind in accordance with the EPA Exceptional Event Regulation. Also, multiple high PM10 FEM data recorded in Coachella Valley and the Basin were excluded.
h) - Federal lead standard is 3-months rolling average > 0.15 µg/m³; state standard is monthly average ≥ 1.5 µg/m³. Lead statistics listed above are for population-oriented sites only. Lead standards were not exceeded.
++) - Higher lead concentrations were recorded at source-oriented monitoring sites immediately downwind of stationary lead sources. Maximum monthly and 3-month rolling averages recorded were 0.14 µg/m³ and 0.10 µg/m³, respectively.
i) - State sulfate standard is 24-hour ≥ 25 µg/m³. There is no federal standard for sulfate.



**2014 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2014

Source/Receptor Area No. Location	Station No.	Carbon Monoxide a)			Ozone b)										Nitrogen Dioxide c)				Sulfur Dioxide d)			
		No. Days of Data	Max Conc. in ppm 1-hour	Max Conc. in ppm 8-hour	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	Fourth High Conc. ppm 8-hour	No. Days Standard Exceeded						No. Days of Data	Max Conc. in ppb 1-hour	98 th Percentile Conc. ppb 1-hour	Annual Average AAM Conc. ppb	No. Days of Data	Max. Conc. in ppb 1-hour	99 th Percentile Conc. ppb 1-hour	
									Old Federal > 0.124 ppm 1-hour	Current Federal > 0.070 ppm 8-hour	2008 Federal > 0.075 ppm 8-hour	1997 Federal > 0.084 ppm 8-hour	Current State > 0.09 ppm 1-hour	Current State > 0.070 ppm 8-hour								
LOS ANGELES COUNTY																						
1	Central LA	087	365	3	2.0	365	0.113	0.094	0.072	0	6	2	1	3	7	365	82.1	67.4	22.2	364	5.4	4.4
2	Northwest Coastal LA County	091	365	2	1.3	365	0.116	0.094	0.077	0	5	4	2	1	6	337	63.9	53.9	13.3	--	--	--
3	Southwest Coastal LA County	820	365	3	1.9	365	0.114	0.080	0.075	0	6	3	0	1	6	365	87.3	66.4	11.9	365	15.3	9.1
4	South Coastal LA County 1	072	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4	South Coastal LA County 2	077	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4	South Coastal LA County 3	033	345	4	2.6	351	0.087	0.072	0.061	0	1	0	0	0	1	340	135.9	84.8	20.7	288*	14.7*	10.1*
6	West San Fernando Valley	074	365	4	3.0	365	0.116	0.092	0.083	0	27	11	2	6	31	327	58.9	52.4	11.7	--	--	--
7	East San Fernando Valley	069	158*	3*	3.0*	161*	0.091*	0.079*	0.069*	0*	2*	1*	0*	0*	2*	150*	73.2*	65.2*	21.8*	154*	4.5*	3.9*
8	West San Gabriel Valley	088	348	3	1.8	333	0.124	0.096	0.086	0	13	7	4	6	13	347	75.2	60.1	16.6	--	--	--
9	East San Gabriel Valley 1	060	365	2	1.9	365	0.123	0.092	0.081	0	18	11	3	11	20	361	70.2	60.6	17.8	--	--	--
9	East San Gabriel Valley 2	591	365	1	0.7	364	0.133	0.101	0.096	5	58	38	14	41	60	352	65.7	51.1	13.1	--	--	--
10	Pomona/Walnut Valley	075	365	2	1.6	358	0.123	0.099	0.090	0	53	33	9	22	56	365	88.9	63.8	22.1	--	--	--
11	South San Gabriel Valley	085	364	4	2.5	361	0.121	0.092	0.079	0	7	5	1	7	7	365	86.7	61.9	19.5	--	--	--
12	South Central LA County	112	356	6	3.8	355	0.094	0.081	0.073	0	4	2	0	0	4	350	68.2	59.2	15.6	--	--	--
13	Santa Clarita Valley	090	361	3	1.2	360	0.137	0.110	0.097	2	64	45	16	32	65	360	57.7	46.1	12.7	--	--	--
ORANGE COUNTY																						
16	North Orange County	3177	363	4	2.1	362	0.119	0.088	0.075	0	6	2	2	5	6	361	83.6	56.6	15.2	--	--	--
17	Central Orange County	3176	365	3	2.1	338	0.111	0.081	0.076	0	6	4	0	2	6	338	75.8	59.8	15.2	--	--	--
18	North Coastal Orange County	3195	365	3	1.9	364	0.096	0.079	0.076	0	6	4	0	1	6	365	60.6	53.7	10.8	357	8.8	3.7
19	Saddleback Valley	3812	365	1	0.7	365	0.115	0.088	0.078	0	10	5	2	4	10	--	--	--	--	--	--	--
RIVERSIDE COUNTY																						
22	Corona/Norco Area	4155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
23	Metropolitan Riverside County 1	4144	365	2	1.9	365	0.141	0.104	0.091	1	66	41	12	29	69	362	59.9	53.2	15.1	365	5.6	3.5
23	Metropolitan Riverside County 2	4146	363	2	1.4	--	--	--	--	--	--	--	--	--	--	361	56.3	50.2	15.8	--	--	--
23	Metropolitan Riverside County 3	4165	364	2	2.4	364	0.138	0.102	0.087	1	52	29	6	17	55	364	57.7	49.2	13.7	--	--	--
24	Perris Valley	4149	--	--	--	341	0.117	0.094	0.089	0	59	38	7	16	63	--	--	--	--	--	--	--
25	Elsinore Valley	4158	355	2	1.4	354	0.104	0.086	0.079	0	13	6	1	4	13	334	45.3	39.6	8.2	--	--	--
26	Temecula Valley	4031	--	--	--	345	0.119	0.100	0.077	0	10	4	1	1	14	--	--	--	--	--	--	--
29	San Geronio Pass	4164	--	--	--	362	0.114	0.097	0.094	0	58	38	11	22	58	351	52.3	45.5	8.5	--	--	--
30	Coachella Valley 1**	4137	365	2	0.9	365	0.108	0.093	0.089	0	55	35	7	9	61	341	46.3	41.2	7.1	--	--	--
30	Coachella Valley 2**	4157	--	--	--	365	0.095	0.091	0.084	0	24	10	2	2	30	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																						
32	Northwest San Bernardino Valley	5175	361	3	1.2	361	0.126	0.101	0.093	1	57	42	15	34	60	357	74.1	56.7	16.6	--	--	--
33	Southwest San Bernardino Valley	5817	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
34	Central San Bernardino Valley 1	5197	331	3	1.2	330	0.127	0.105	0.093	1	52	37	14	31	52	330	70.4	63.6	20.2	330	4.0	2.8
34	Central San Bernardino Valley 2	5203	360	4	2.4	365	0.121	0.099	0.095	0	75	51	21	38	76	365	72.6	56.1	18.0	--	--	--
35	East San Bernardino Valley	5204	--	--	--	365	0.128	0.104	0.099	2	79	55	27	47	83	--	--	--	--	--	--	--
37	Central San Bernardino Mountains	5181	--	--	--	365	0.130	0.106	0.102	1	93	68	41	50	97	--	--	--	--	--	--	--
38	East San Bernardino Mountains	5818	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DISTRICT MAXIMUM				6	3.8		0.141	0.110	0.102	5	93	68	41	50	97		135.9	84.8	22.2		15.3	10.1
SOUTH COAST AIR BASIN					3.8		0.141	0.110	0.102	10	123	92	54	74	129		135.9	84.8	22.2		15.3	10.1

- * Incomplete data. ** Salton Sea Air Basin -- Pollutant not monitored
- ppm – Parts Per Million parts of air, by volume ppb – Parts Per Billion parts of air, by volume AAM – Annual Arithmetic Mean
- a) The federal 8-hour standard (8-hour average CO > 9 ppm) and state 8-hour standard (8-hour average CO > 9.0 ppm) were not exceeded. The federal and state 1-hour CO standards (35 ppm and 20 ppm) were not exceeded.
- b) The current (2015) O₃ federal standard was revised effective December 28, 2015.
- c) The NO₂ federal 1-hour standard is 100 ppb and the annual standard is annual arithmetic mean NO₂ > 0.0534 ppm (53.4 ppb). The state 1-hour and annual standards are 0.18 ppm (180 ppb) and 0.030 ppm (30 ppb).
- d) The federal SO₂ 1-hour standard is 75 ppb (0.075 ppm). The state standards are 1-hour average SO₂ > 0.25 ppm (250 ppb) and 24-hour average SO₂ > 0.04 ppm (40 ppb).



For information on the current standard levels and most recent revisions please refer to "Appendix II – Current Air Quality" of the "Final 2012 AQMP" which can be accessed at [http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2012-air-quality-management-plan/final-2012-aqmp-\(february-2013\)/appendix-ii-final-2012.pdf](http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2012-air-quality-management-plan/final-2012-aqmp-(february-2013)/appendix-ii-final-2012.pdf). Maps showing the source/receptor area boundaries can be accessed via the Internet by entering your address in the AQMD Current Hourly Air Quality Map, at <http://www2.aqmd.gov/webapp1/gis/2/VEMap3D.aspx>. A printed map or copy of the AQMP Appendix II is also available free of charge from the AQMD Public Information Center at 1-800-CUT-SMOG.

**2014 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2014

Source/Receptor Area No. Location	Station No.	Suspended Particulates PM10 ^{e)}				Fine Particulates PM2.5 ^{g)}					Lead ⁱ⁾		PM10 Sulfate ^{j)}		
		No. Days of Data	Max. Conc. in $\mu\text{g}/\text{m}^3$ 24-hour	No. (%) Samples Exceeding Standards Federal > 150 $\mu\text{g}/\text{m}^3$ 24-hour	No. (%) Samples Exceeding Standards State > 50 $\mu\text{g}/\text{m}^3$ 24-hour	Annual Average Conc. ^{f)} $\mu\text{g}/\text{m}^3$ (AAM)	No. Days of Data	Max. Conc. in $\mu\text{g}/\text{m}^3$ 24-hour	98 th Percentile Conc. in $\mu\text{g}/\text{m}^3$ 24-hour	No (%) Samples Exceeding Federal Std > 35 $\mu\text{g}/\text{m}^3$ 24-hour	Annual Average Conc. ^{g)} $\mu\text{g}/\text{m}^3$ (AAM)	Max. Monthly Average Conc. $\mu\text{g}/\text{m}^3$	Max. 3-Months Rolling Averages $\mu\text{g}/\text{m}^3$	No. Days of Data	Max. Conc. in $\mu\text{g}/\text{m}^3$ 24-hour
LOS ANGELES COUNTY															
1 Central LA	087	359	87	0	32(9%)	35.4	341	59.9	34.5	6(1.8%)	12.36	0.013	0.01	57	11.0
2 Northwest Coastal LA County	091	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3 Southwest Coastal LA County	820	60	46	0	0	22.0	--	--	--	--	0.008	0.01	60	5.1	
4 South Coastal LA County 1	072	--	--	--	--	--	346	51.5	31.3	2(0.6%)	11.42	--	--	--	--
4 South Coastal LA County 2	077	59	59	0	2(3%)	26.6	329	52.2	27.2	2(0.6%)	10.72	0.012	0.01	59	4.5
4 South Coastal LA County 3	033	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6 West San Fernando Valley	074	--	--	--	--	--	109	27.2	20.9	0	9.72	--	--	--	--
7 East San Fernando Valley	069	164*	68*	0*	2(1%)*	31.2*	178*	64.6*	29.0*	2(1.1%)*	12.08*	--	--	29*	4.0*
8 West San Gabriel Valley	088	--	--	--	--	--	113	38.8	26.3	1(0.9%)	11.29	--	--	--	--
9 East San Gabriel Valley 1	060	60	96	0	22(37%)	44.1	118	32.4	29.9	0	11.63	--	--	59	14.3
9 East San Gabriel Valley 2	591	360	78	0	30(8%)	32.9	--	--	--	--	--	--	--	--	--
10 Pomona/Walnut Valley	075	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11 South San Gabriel Valley	085	--	--	--	--	--	116	35.1	30.1	0	12.08	0.017	0.01	--	--
12 South Central LA County	112	--	--	--	--	--	113	35.8	30.9	1(0.9%)	12.64	0.013	0.01	--	--
13 Santa Clarita Valley	090	59	47	0	0	23.2	--	--	--	--	--	--	--	58	4.3
ORANGE COUNTY															
16 North Orange County	3177	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17 Central Orange County	3176	364	122	0	12(3%)	26.3	344	56.2	34.4	6(1.7%)	10.53	--	--	61	9.4
18 North Coastal Orange County	3195	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19 Saddleback Valley	3812	60	41	0	0	20.2	115	25.5	21.6	0	8.02	--	--	60	4.0
RIVERSIDE COUNTY															
22 Corona/Corona Area	4155	59	65	0	3(5%)	30.9	--	--	--	--	--	--	--	59	3.8
23 Metropolitan Riverside County 1	4144	361	100	0	101(28%)	42.0	346	48.9	34.3	5(1.4%)	12.48	0.011	0.01	117	4.1
23 Metropolitan Riverside County 2	4146	365	91	0	27(7%)	33.6	110	30.9	26.0	0	10.94	0.010	0.01	--	--
23 Metropolitan Riverside County 3	4165	359	145	0	207(58%)	54.9	351	73.6	40.0	9(2.6%)	14.48	--	--	61	4.2
24 Perris Valley	4149	60	87	0	8(13%)	35.1	--	--	--	--	--	--	--	60	3.5
25 Elsinore Valley	4158	355	86	0	10(3%)	25.0	--	--	--	--	--	--	--	--	--
26 Temecula Valley	4031	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29 San Geronio Pass	4164	58	45	0	0	20.7	--	--	--	--	--	--	--	58	2.7
30 Coachella Valley 1**	4137	356	113	0	10(3%)	22.6	113	15.5	14.5	0	6.42	--	--	54	2.6
30 Coachella Valley 2**	4157	359+	152+	0+	64(18%)+	40.2+	112	26.5	16.8	0	8.32	--	--	121	3.2
SAN BERNARDINO COUNTY															
32 Northwest San Bernardino Valley	5175	356	80	0	9(3%)	28.9	--	--	--	--	--	0.009	0.01	--	--
33 Southwest San Bernardino Valley	5817	30*	67*	0*	4(13%)*	33.2*	58*	38.4*	34.6*	1(1.7%)*	12.96*	--	--	30*	3.9*
34 Central San Bernardino Valley 1	5197	58	68	0	13(22%)	39.7	109	78.9	34.5	1(0.9%)	13.18	--	--	58	5.0
34 Central San Bernardino Valley 2	5203	362	140	0	18(5%)	34.2	110	73.9	28.1	1(0.9%)	11.67	0.012	0.01	60	4.6
35 East San Bernardino Valley	5204	60	62	0	2(3%)	25.9	--	--	--	--	--	--	--	59	3.4
37 Central San Bernardino Mountains	5181	61	47	0	0	18.5	--	--	--	--	--	--	--	60	2.9
38 East San Bernardino Mountains	5818	--	--	--	--	--	56	24.2	19.1	0	7.03	--	--	--	--
DISTRICT MAXIMUM			152+	0+	207+	54.9		78.9	40.0	9	14.48	0.017++	0.01++		14.3
SOUTH COAST AIR BASIN			145	0	233	54.9		78.9	40.0	15	14.48	0.017++	0.01++		14.3

* Incomplete data. ** Salton Sea Air Basin $\mu\text{g}/\text{m}^3$ – Micrograms per cubic meter of air AAM – Annual Arithmetic Mean -- Pollutant not monitored
e) Federal Reference Method (FRM) PM10 samples were collected every 6 days at all sites except for Stations 4144 and 4157, where samples were collected every 3 days. Federal Equivalent Method (FEM) PM10 continuous monitoring instruments were operated at some of the above locations. PM10 statistics listed above are based on FRM-FEM combined data.
f) State standard is annual average (AAM) > 20 $\mu\text{g}/\text{m}^3$. Federal annual PM10 standard (AAM > 50 $\mu\text{g}/\text{m}^3$) was revoked in 2006.
+ High FRM and FEM PM10 data sample were excluded due to high winds in accordance with the U.S. EPA Exceptional Event Rule.
g) PM2.5 samples were collected every 3 days at all sites except for station numbers 072, 077, 087, 3176, 4144 and 4165, where samples were taken daily, and station number 5818 where samples were taken every 6 days. PM2.5 statistics listed above are for the FRM data only. FEM PM2.5 continuous monitoring instruments were operated at some of the above locations for real-time alerts and forecasts.
h) Both Federal and State standards are annual average (AAM) > 12.0 $\mu\text{g}/\text{m}^3$.
i) Federal lead standard is 3-months rolling average > 0.15 $\mu\text{g}/\text{m}^3$; state standard is monthly average \geq 1.5 $\mu\text{g}/\text{m}^3$. Lead standards were not exceeded.
j) State sulfate standard is 24-hour \geq 25 $\mu\text{g}/\text{m}^3$. There is no federal standard for sulfate.
++ Higher lead concentrations were recorded at source-oriented monitoring sites immediately downwind of stationary lead sources. Maximum monthly and 3-month rolling averages recorded were 0.10 $\mu\text{g}/\text{m}^3$ and 0.07 $\mu\text{g}/\text{m}^3$, respectively.

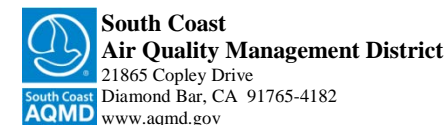


**2015 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2015

Source/Receptor Area No. Location	Station No.	Carbon Monoxide a)			Ozone b)										Nitrogen Dioxide c)				Sulfur Dioxide d)				
		No. Days of Data	Max Conc. in ppm 1-hour	Max Conc. in ppm 8-hour	No. Days of Data	Max. Conc. in ppm 1-hour	Max. Conc. in ppm 8-hour	Fourth High Conc. ppm 8-hour	No. Days Standard Exceeded								No. Days of Data	Max Conc. in ppb 1-hour	98 th Percentile Conc. ppb 1-hour	Annual Average AAM Conc. ppb	No. Days of Data	Max. Conc. in ppb 1-hour	99 th Percentile Conc. ppb 1-hour
									Old Federal > 0.124 ppm 1-hour	Current Federal > 0.070 ppm 8-hour	2008 Federal > 0.075 ppm 8-hour	1997 Federal > 0.084 ppm 8-hour	Current State > 0.09 ppm 1-hour	Current State > 0.070 ppm 8-hour									
LOS ANGELES COUNTY																							
1	Central LA	087	365	3.2	1.8	365	0.104	0.074	0.072	0	6	0	0	2	6	365	79.1	62.4	22.2	364	12.6	6.3	
2	Northwest Coastal LA County	091	365	1.6	1.4	353	0.102	0.072	0.069	0	2	0	0	2	3	365	67.6	49.4	11.7	--	--	--	
3	Southwest Coastal LA County	820	357	1.7	1.4	365	0.096	0.077	0.069	0	3	1	0	1	3	365	87.0	58.1	10.9	358	14.9	6.8	
4	South Coastal LA County 1	072	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
4	South Coastal LA County 2	077	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
4	South Coastal LA County 3	033	364	3.3	2.2	364	0.087	0.066	0.056	0	0	0	0	0	0	353	101.8	64.4	19.8	296*	37.5	11.8	
6	West San Fernando Valley	074	365	3.0	2.5	365	0.119	0.094	0.087	0	32	15	4	11	34	354	72.5	51.7	13.5	--	--	--	
8	West San Gabriel Valley	088	365	2.6	1.6	361	0.111	0.084	0.082	0	18	7	0	12	18	365	74.9	55.9	15.3	--	--	--	
9	East San Gabriel Valley 1	060	352	2.1	1.3	352	0.122	0.096	0.088	0	27	17	7	21	28	351	71.0	58.5	15.4	--	--	--	
9	East San Gabriel Valley 2	591	363	1.2	1.0	362	0.127	0.102	0.095	2	48	34	11	37	51	365	66.2	52.6	11.2	--	--	--	
10	Pomona/Walnut Valley	075	346	1.8	1.6	347	0.136	0.098	0.094	2	53	36	14	30	55	346	72.3	60.3	21.2	--	--	--	
11	South San Gabriel Valley	085	365	2.8	1.7	346	0.107	0.081	0.075	0	11	2	0	6	11	345	70.4	61.6	20.5	--	--	--	
12	South Central LA County	112	363	4.4	3.3	361	0.091	0.072	0.065	0	1	0	0	0	1	363	73.6	58.7	16.9	--	--	--	
13	Santa Clarita Valley	090	359	1.2	0.9	358	0.126	0.108	0.091	1	52	37	15	23	55	360	64.6	43.5	11.8	--	--	--	
ORANGE COUNTY																							
16	North Orange County	3177	365	3.0	1.6	365	0.103	0.082	0.073	0	7	2	0	4	8	334	58.0	50.8	15.0	--	--	--	
17	Central Orange County	3176	365	3.1	2.2	365	0.100	0.080	0.065	0	1	1	0	1	1	365	59.1	54.6	14.6	--	--	--	
18	North Coastal Orange County	3195	365	3.0	2.2	364	0.099	0.079	0.068	0	2	1	0	1	2	357	52.4	47.9	11.6	352	4.5	3.1	
19	Saddleback Valley	3812	364	1.4	0.7	358	0.099	0.088	0.075	0	8	3	2	2	8	--	--	--	--	--	--	--	
RIVERSIDE COUNTY																							
22	Corona/Norco Area	4155	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
23	Metropolitan Riverside County 1	4144	364	2.5	1.7	361	0.132	0.105	0.096	1	55	39	17	31	59	361	57.4	52.3	14.4	363	1.9	1.6	
23	Metropolitan Riverside County 3	4165	362	2.3	1.6	356	0.127	0.104	0.093	1	51	36	20	29	51	362	68.1	49.2	13.4	--	--	--	
24	Perris Valley	4149	--	--	--	365	0.124	0.102	0.094	0	49	31	12	25	50	--	--	--	--	--	--	--	
25	Elsinore Valley	4158	364	0.8	0.6	362	0.131	0.098	0.093	1	31	19	12	18	35	357	47.2	38.8	8.7	--	--	--	
26	Temecula Valley	4031	--	--	--	365	0.100	0.087	0.079	0	20	6	1	1	23	--	--	--	--	--	--	--	
29	San Geronio Pass	4164	--	--	--	359	0.124	0.097	0.091	0	46	25	11	16	49	365	49.6	44.3	8.4	--	--	--	
30	Coachella Valley 1**	4137	365	2.0	0.7	365	0.102	0.092	0.086	0	47	26	5	3	51	365	41.5	37.7	6.2	--	--	--	
30	Coachella Valley 2**	4157	--	--	--	287	0.093	0.085	0.079	0	11	4	1	0	12	--	--	--	--	--	--	--	
30	Coachella Valley 3**	4032	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
SAN BERNARDINO COUNTY																							
32	Northwest San Bernardino Valley	5175	364	2.1	1.3	364	0.136	0.106	0.101	2	66	53	27	49	69	359	71.6	55.7	15.9	--	--	--	
34	Central San Bernardino Valley 1	5197	358	2.8	1.2	358	0.133	0.111	0.100	3	57	39	20	36	59	358	89.1	66.1	18.7	352	4.0	3.1	
34	Central San Bernardino Valley 2	5203	362	2.3	1.8	356	0.134	0.117	0.105	6	78	57	29	52	79	362	71.4	52.7	15.2	--	--	--	
35	East San Bernardino Valley	5204	--	--	--	329	0.137	0.115	0.102	2	76	54	30	44	77	--	--	--	--	--	--	--	
37	Central San Bernardino Mountains	5181	--	--	--	365	0.144	0.127	0.107	3	86	61	30	46	86	--	--	--	--	--	--	--	
38	East San Bernardino Mountains	5818	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
DISTRICT MAXIMUM			4.4	3.3		0.144	0.127	0.107		6	86	61	30	52	86	101.8	66.1	22.2		37.5	11.8		
SOUTH COAST AIR BASIN			4.4	3.3		0.144	0.127	0.107		10	113	81	47	71	115	101.8	66.1	22.2		37.5	11.8		
NEAR-ROAD SITE MAX			3.1	2.6		--	--	--		--	--	--	--	--	--	94.7	77.2	35.6		--	--		

* Incomplete data. ** Salton Sea Air Basin -- Pollutant not monitored
 ppm – Parts Per Million parts of air, by volume ppb – Parts Per Billion parts of air, by volume AAM – Annual Arithmetic Mean
 a) The federal 8-hour standard (8-hour average CO > 9 ppm) and state 8-hour standard (8-hour average CO > 9.0 ppm) were not exceeded.
 The federal and state 1-hour CO standards (35 ppm and 20 ppm) were not exceeded.
 b) The current (2015) O₃ federal standard was revised effective December 28, 2015.
 c) The NO₂ federal 1-hour standard is 100 ppb and the annual standard is annual arithmetic mean NO₂ > 0.0534 ppm (53.4 ppb). The state 1-hour and annual standards are 0.18 ppm (180 ppb) and 0.030 ppm (30 ppb).
 d) The federal SO₂ 1-hour standard is 75 ppb (0.075 ppm). The state standards are 1-hour average SO₂ > 0.25 ppm (250 ppb) and 24-hour average SO₂ > 0.04 ppm (40 ppb).



For information on the current standard levels and most recent revisions please refer to "Appendix II – Current Air Quality" of the "Draft 2016 AQMP" which can be accessed at <http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2016-air-quality-management-plan/DRAFT2016AQMP/appii.pdf?sfvrsn=4>. Maps showing the source/receptor area boundaries can be accessed via the Internet by entering your address in the AQMD Current Hourly Air Quality Map, at <http://www2.aqmd.gov/webapp/gisaqi2/VEMap3D.aspx>. A printed map or copy of the AQMP Appendix II is also available free of charge from the AQMD Public Information Center at 1-800-CUT-SMOG.

**2015 AIR QUALITY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

2015

Source/Receptor Area No. Location		Station No.	Suspended Particulates PM10 ^{e)}				Fine Particulates PM2.5 ^{g)}				Lead ⁱ⁾		PM10 Sulfate ^{j)}			
			No. Days of Data	Max. Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Standards Federal > 150 µg/m ³ State > 50 µg/m ³		Annual Average Conc. (AAM) µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour	98 th Percentile Conc. in µg/m ³ 24-hour	No. (%) Samples Exceeding Federal Std > 35 µg/m ³ 24-hour	Annual Average Conc. (AAM) µg/m ³	Max. Monthly Average Conc. µg/m ³	Max. 3-Months Rolling Averages µg/m ³	No. Days of Data	Max. Conc. in µg/m ³ 24-hour
LOS ANGELES COUNTY																
1	Central LA	087	335	88	0	26(8%)	33.1	342	56.4	38.0	7(2.0%)	12.38	0.013	0.01	58	6.1
2	Northwest Coastal LA County	091	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3	Southwest Coastal LA County	820	57	43	0	0	21.2	--	--	--	--	--	0.008	0.01	57	6.5
4	South Coastal LA County 1	072	--	--	--	--	--	338	54.6	32.1	3(0.9%)	10.81	--	--	--	--
4	South Coastal LA County 2	077	58	62	0	2(3%)	26.5	347	48.3	31.2	4(1.2%)	10.26	0.010	0.01	58	6.3
4	South Coastal LA County 3	033	59	80	0	6(10%)	31.5	--	--	--	--	--	--	--	59	6.9
6	West San Fernando Valley	074	--	--	--	--	--	113	36.8	28.4	1(0.9%)	8.84	--	--	--	--
8	West San Gabriel Valley	088	--	--	--	--	--	119	48.5	32.4	2(1.7%)	9.85	--	--	--	--
9	East San Gabriel Valley 1	060	59	101	0	12(20%)	37.1	120	70.3	30.0	2(1.7%)	9.88	--	--	59	21.0
9	East San Gabriel Valley 2	591	362	100	0	29(8%)	29.0	--	--	--	--	--	--	--	--	--
10	Pomona/Walnut Valley	075	---	---	---	---	---	--	--	--	--	--	--	--	--	--
11	South San Gabriel Valley	085	--	--	--	--	--	118	52.7	41.8	3(2.5%)	11.52	0.014	0.01	--	--
12	South Central LA County	112	--	--	--	--	--	111	41.3	37.2	3(2.7%)	11.78	0.014	0.01	--	--
13	Santa Clarita Valley	090	52	41	0	0	18.4	--	--	--	--	--	--	--	52	5.3
ORANGE COUNTY																
16	North Orange County	3177	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	Central Orange County	3176	363	66	0	11(3%)	24.8	295*	45.8	29.8	3(1.0%)	9.38	--	--	56	4.2
18	North Coastal Orange County	3195	--	--	--	--	--	--	--	--	--	--	--	--	--	--
19	Saddleback Valley	3812	51	49	0	0	19.0	115	31.5	15.1	0	7.05	--	--	51	3.3
RIVERSIDE COUNTY																
22	Corona/Norco Area	4155	44	87	0	3(7%)	29.6	--	--	--	--	--	--	--	44*	3.8
23	Metropolitan Riverside County 1	4144	354	91	0	67(19%)	36.8	341	54.7	38.1	9(2.6%)	11.89	0.008	0.01	114	6.0
23	Metropolitan Riverside County 3	4165	358	131	0	162(45%)	48.8	343	56.6	43.2	17(5.0%)	13.34	--	--	102	4.9
24	Perris Valley	4149	57	74	0	3(5%)	30.3	--	--	--	--	--	--	--	58	3.6
25	Elsinore Valley	4158	356	90	0	5(1%)	18.7	--	--	--	--	--	--	--	--	--
26	Temecula Valley	4031	--	--	--	--	--	--	--	--	--	--	--	--	--	--
29	San Geronio Pass	4164	59	139	0	2(3%)	22.2	--	--	--	--	--	--	--	59	3.8
30	Coachella Valley 1**	4137	354	115	0	5(1%)	18.8	108	22.7	17.1	0	5.76	--	--	57	4.6
30	Coachella Valley 2**	4157	270	145	0	36(13%)	36.2	94	24.6	19.7	0	7.54	--	--	97	4.1
30	Coachella Valley 3**	4032	360	147	0	70(19%)	39.9	--	--	--	--	--	--	--	--	--
SAN BERNARDINO COUNTY																
32	Northwest San Bernardino Valley	5175	336	77	0	12(4%)	26.9	--	--	--	--	--	0.010	0.01	--	--
34	Central San Bernardino Valley 1	5197	55	96	0	13(24\$)	37.8	114	50.5	37.7	3(2.6%)	11.05	--	--	55	14.7
34	Central San Bernardino Valley 2	5203	357	78	0	17(5%)	30.7	110	53.5	33.6	2(1.8%)	10.74	0.012	0.01	58	9.0
35	East San Bernardino Valley	5204	59	95	0	2(3%)	24.7	--	--	--	--	--	--	--	59	7.3
37	Central San Bernardino Mountains	5181	57	41	0	0	16.0	--	--	--	--	--	--	--	58	4.2
38	East San Bernardino Mountains	5818	--	--	--	--	--	58	39.4	35.3	1(1.7%)	7.59	--	--	--	--
DISTRICT MAXIMUM				147+	0+	162+	48.8+		70.3	43.2	17	13.34	0.014	0.01		21.0
SOUTH COAST AIR BASIN				139+	0+	173+	48.8+		70.3	43.2	25	13.34	0.014	0.01		21.0
NEAR-ROAD/SOURCE SITE MAX⁺⁺				--	--	--	--		52.7	39.9	10	14.48	0.037	0.03		--

* Incomplete data. ** Salton Sea Air Basin µg/m³ – Micrograms per cubic meter of air AAM – Annual Arithmetic Mean -- Pollutant not monitored

e) Federal Reference Method (FRM) PM10 samples were collected every 6 days at all sites except for Stations 4144 and 4157, where samples were collected every 3 days. Federal Equivalent Method (FEM) PM10 continuous monitoring instruments were operated at some of the above locations. PM10 statistics listed above are based on combined FRM-FEM data.

f) State annual average (AAM) PM10 standard is > 20 µg/m³. Federal annual PM10 standard (AAM > 50 µg/m³) was revoked in 2006.

g) PM2.5 samples were collected every 3 days at all sites except for station numbers 072, 077, 087, 3176, 4144 and 4165, where samples were taken daily, and station number 5818 where samples were taken every 6 days. PM2.5 statistics listed above are for the FRM data only. FEM PM2.5 continuous monitoring instruments were operated at some of the above locations for real-time alerts and forecasting only.

h) Both Federal and State standards are annual average (AAM) > 12.0 µg/m³.

i) Federal lead standard is 3-months rolling average > 0.15 µg/m³; state standard is monthly average ≥ 1.5 µg/m³. Lead standards were not exceeded.

j) State sulfate standard is 24-hour ≥ 25 µg/m³. There is no federal standard for sulfate.

+ High FRM and FEM PM10 data samples recorded at locations in Coachella Valley and the Basin are excluded due to high winds in accordance with the U.S. EPA Exceptional Event Rule.

++ Four near-road sites measuring PM2.5, CO and NO₂ are operating near the following freeways: I-5, I-10, CA-60 and I-710. Near-source lead stations, located immediately downwind of stationary lead sources, generally measure lead concentrations higher than the ambient network stations.



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Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

Del Rey Pointe Bridge
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unenclosed Parking Structure	16.00	1000sqft	0.37	16,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2018
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use - Based on project description.

Construction Phase - Based off of project description.

Off-road Equipment -

Off-road Equipment - Data provided by client.

Off-road Equipment - Data provided by client.

Off-road Equipment - Data provided by client.

Trips and VMT - 5-10 workers per day during bridge construction.

Grading - Approximately 12,000SF of grading required.

Architectural Coating - Based on project description.

Woodstoves - Not a residential land use.

Area Coating - Project total SF is 262,927.

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas 3x daily, limit unpaved road speed to 15mph, replace groundcover, and use of soil stabilizers required by Rule 403.

Mobile Land Use Mitigation - 35 of the 236 units are to be restricted to low income households.

Area Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Vehicle Trips - No trip generation. Supportive of proposed project.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	1.00	45.00
tblConstructionPhase	PhaseEndDate	9/19/2018	7/20/2018
tblConstructionPhase	PhaseEndDate	3/27/2020	7/27/2018
tblConstructionPhase	PhaseStartDate	5/3/2018	3/3/2018
tblConstructionPhase	PhaseStartDate	3/21/2020	7/21/2018

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tblOffRoadEquipment	HorsePower	132.00	9.00
tblOffRoadEquipment	HorsePower	203.00	97.00
tblOffRoadEquipment	HorsePower	221.00	187.00
tblOffRoadEquipment	LoadFactor	0.36	0.56
tblOffRoadEquipment	LoadFactor	0.36	0.37
tblOffRoadEquipment	LoadFactor	0.50	0.41
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType	Cement and Mortar Mixers	Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType	Graders	Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblTripsAndVMT	VendorTripNumber	3.00	25.00
tblTripsAndVMT	WorkerTripNumber	7.00	15.00
tblTripsAndVMT	WorkerTripNumber	20.00	15.00
tblVehicleEF	HHD	0.76	0.68
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	3.21	2.75
tblVehicleEF	HHD	1.20	1.17
tblVehicleEF	HHD	3.93	3.50
tblVehicleEF	HHD	4,772.37	4,770.40
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	25.66	22.90

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tblVehicleEF	HHD	5.29	4.59
tblVehicleEF	HHD	19.58	19.58
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	1.6300e-004	1.2200e-004
tblVehicleEF	HHD	8.3110e-003	5.6590e-003
tblVehicleEF	HHD	0.81	0.69
tblVehicleEF	HHD	1.1700e-004	9.1000e-005
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	7.0400e-004	4.9400e-004
tblVehicleEF	HHD	0.14	0.10
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8300e-004	1.6600e-004
tblVehicleEF	HHD	1.6300e-004	1.2200e-004
tblVehicleEF	HHD	8.3110e-003	5.6590e-003
tblVehicleEF	HHD	0.94	0.80
tblVehicleEF	HHD	1.1700e-004	9.1000e-005
tblVehicleEF	HHD	0.29	0.27

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tblVehicleEF	HHD	7.0400e-004	4.9400e-004
tblVehicleEF	HHD	0.15	0.11
tblVehicleEF	HHD	0.71	0.64
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.12	0.09
tblVehicleEF	HHD	2.34	2.00
tblVehicleEF	HHD	1.21	1.17
tblVehicleEF	HHD	3.74	3.33
tblVehicleEF	HHD	5,051.49	5,051.17
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	26.47	23.63
tblVehicleEF	HHD	5.00	4.34
tblVehicleEF	HHD	19.57	19.57
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	2.5500e-004	1.8800e-004
tblVehicleEF	HHD	8.4680e-003	5.7950e-003

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tblVehicleEF	HHD	0.76	0.65
tblVehicleEF	HHD	1.7600e-004	1.3300e-004
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	6.9300e-004	4.8300e-004
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8000e-004	1.6300e-004
tblVehicleEF	HHD	2.5500e-004	1.8800e-004
tblVehicleEF	HHD	8.4680e-003	5.7950e-003
tblVehicleEF	HHD	0.89	0.76
tblVehicleEF	HHD	1.7600e-004	1.3300e-004
tblVehicleEF	HHD	0.29	0.27
tblVehicleEF	HHD	6.9300e-004	4.8300e-004
tblVehicleEF	HHD	0.14	0.11
tblVehicleEF	HHD	0.81	0.73
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	4.40	3.78
tblVehicleEF	HHD	1.20	1.16
tblVehicleEF	HHD	3.96	3.53
tblVehicleEF	HHD	4,386.91	4,382.68
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	24.53	21.89
tblVehicleEF	HHD	5.20	4.51

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	HHD	19.59	19.58
tblVehicleEF	HHD	0.04	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.04	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	1.6900e-004	1.2200e-004
tblVehicleEF	HHD	9.7550e-003	6.2650e-003
tblVehicleEF	HHD	0.87	0.74
tblVehicleEF	HHD	1.1600e-004	8.8000e-005
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	7.5400e-004	5.3300e-004
tblVehicleEF	HHD	0.14	0.10
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8400e-004	1.6700e-004
tblVehicleEF	HHD	1.6900e-004	1.2200e-004
tblVehicleEF	HHD	9.7550e-003	6.2650e-003
tblVehicleEF	HHD	1.01	0.86
tblVehicleEF	HHD	1.1600e-004	8.8000e-005
tblVehicleEF	HHD	0.29	0.27
tblVehicleEF	HHD	7.5400e-004	5.3300e-004

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	HHD	0.15	0.11
tblVehicleEF	LDA	8.3350e-003	6.5530e-003
tblVehicleEF	LDA	9.7470e-003	7.1270e-003
tblVehicleEF	LDA	0.93	0.76
tblVehicleEF	LDA	1.81	1.42
tblVehicleEF	LDA	319.38	296.37
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.08	0.06
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.13	0.10
tblVehicleEF	LDA	3.2020e-003	2.9700e-003
tblVehicleEF	LDA	6.8200e-004	6.3700e-004
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.05	0.04

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tblVehicleEF	LDA	0.14	0.11
tblVehicleEF	LDA	8.8220e-003	6.9520e-003
tblVehicleEF	LDA	8.6480e-003	6.3260e-003
tblVehicleEF	LDA	1.02	0.83
tblVehicleEF	LDA	1.54	1.21
tblVehicleEF	LDA	334.26	310.18
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.11	0.08
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	0.15	0.12
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	3.3520e-003	3.1090e-003
tblVehicleEF	LDA	6.7800e-004	6.3300e-004
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	0.15	0.12
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.05	0.04

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	LDA	0.13	0.09
tblVehicleEF	LDA	8.1700e-003	6.4200e-003
tblVehicleEF	LDA	9.9770e-003	7.2950e-003
tblVehicleEF	LDA	0.90	0.73
tblVehicleEF	LDA	1.86	1.46
tblVehicleEF	LDA	313.94	291.32
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.08	0.06
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.13	0.10
tblVehicleEF	LDA	3.1470e-003	2.9190e-003
tblVehicleEF	LDA	6.8300e-004	6.3800e-004
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.06	0.05

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	LDA	0.15	0.11
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.49	2.02
tblVehicleEF	LDT1	4.24	3.43
tblVehicleEF	LDT1	379.11	360.63
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.35	0.30
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	0.31	0.24
tblVehicleEF	LDT1	3.8260e-003	3.6330e-003
tblVehicleEF	LDT1	8.3700e-004	7.9100e-004
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.35	0.30
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.22	0.19

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tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.68	2.18
tblVehicleEF	LDT1	3.60	2.91
tblVehicleEF	LDT1	395.47	376.30
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.21	0.17
tblVehicleEF	LDT1	0.23	0.18
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT1	0.19	0.17
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.20	0.18
tblVehicleEF	LDT1	0.27	0.21
tblVehicleEF	LDT1	3.9920e-003	3.7920e-003
tblVehicleEF	LDT1	8.2600e-004	7.8200e-004
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT1	0.19	0.17
tblVehicleEF	LDT1	0.10	0.07
tblVehicleEF	LDT1	0.20	0.18

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tblVehicleEF	LDT1	0.30	0.23
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.42	1.96
tblVehicleEF	LDT1	4.38	3.54
tblVehicleEF	LDT1	373.10	354.88
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.40	0.35
tblVehicleEF	LDT1	0.13	0.11
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.32	0.25
tblVehicleEF	LDT1	3.7650e-003	3.5750e-003
tblVehicleEF	LDT1	8.4000e-004	7.9300e-004
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.40	0.35
tblVehicleEF	LDT1	0.13	0.11
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.26	0.23

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	LDT1	0.35	0.27
tblVehicleEF	LDT2	0.01	8.6320e-003
tblVehicleEF	LDT2	0.01	8.2970e-003
tblVehicleEF	LDT2	1.22	0.97
tblVehicleEF	LDT2	2.19	1.67
tblVehicleEF	LDT2	433.60	408.00
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.13	0.10
tblVehicleEF	LDT2	0.20	0.14
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	4.3480e-003	4.0880e-003
tblVehicleEF	LDT2	9.1600e-004	8.6100e-004
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.08	0.07

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	LDT2	0.17	0.12
tblVehicleEF	LDT2	0.01	9.1430e-003
tblVehicleEF	LDT2	0.01	7.3790e-003
tblVehicleEF	LDT2	1.33	1.07
tblVehicleEF	LDT2	1.87	1.43
tblVehicleEF	LDT2	453.06	426.32
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.12	0.09
tblVehicleEF	LDT2	0.19	0.13
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.15	0.12
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.14	0.10
tblVehicleEF	LDT2	4.5440e-003	4.2730e-003
tblVehicleEF	LDT2	9.1000e-004	8.5600e-004
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.15	0.12
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.07	0.06

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	0.01	8.4620e-003
tblVehicleEF	LDT2	0.01	8.4930e-003
tblVehicleEF	LDT2	1.18	0.94
tblVehicleEF	LDT2	2.26	1.73
tblVehicleEF	LDT2	426.45	401.27
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.13	0.10
tblVehicleEF	LDT2	0.21	0.15
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.16	0.11
tblVehicleEF	LDT2	4.2760e-003	4.0210e-003
tblVehicleEF	LDT2	9.1700e-004	8.6200e-004
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.09	0.08

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	LDT2	0.17	0.13
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.36	1.07
tblVehicleEF	LHD1	3.84	3.29
tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.35	1.15
tblVehicleEF	LHD1	1.23	1.13
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003
tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	3.7800e-003	3.4680e-003
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1720e-003	2.0560e-003
tblVehicleEF	LHD1	0.09	0.07

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tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	0.38	0.32
tblVehicleEF	LHD1	6.3470e-003	6.1270e-003
tblVehicleEF	LHD1	4.5700e-004	4.2000e-004
tblVehicleEF	LHD1	3.7800e-003	3.4680e-003
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.1720e-003	2.0560e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	0.41	0.35
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.38	1.08
tblVehicleEF	LHD1	3.66	3.14
tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.26	1.07
tblVehicleEF	LHD1	1.18	1.08
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003

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tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	5.6970e-003	5.2080e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.1190e-003	2.9180e-003
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.33	0.32
tblVehicleEF	LHD1	0.36	0.31
tblVehicleEF	LHD1	6.3480e-003	6.1280e-003
tblVehicleEF	LHD1	4.5400e-004	4.1700e-004
tblVehicleEF	LHD1	5.6970e-003	5.2080e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.1190e-003	2.9180e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.33	0.32
tblVehicleEF	LHD1	0.40	0.34
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.36	1.06
tblVehicleEF	LHD1	3.86	3.32

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.32	1.13
tblVehicleEF	LHD1	1.24	1.14
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003
tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	4.0690e-003	3.6860e-003
tblVehicleEF	LHD1	0.14	0.13
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1590e-003	2.0330e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.37	0.35
tblVehicleEF	LHD1	0.38	0.32
tblVehicleEF	LHD1	6.3470e-003	6.1270e-003
tblVehicleEF	LHD1	4.5800e-004	4.2100e-004
tblVehicleEF	LHD1	4.0690e-003	3.6860e-003
tblVehicleEF	LHD1	0.14	0.13
tblVehicleEF	LHD1	0.03	0.03

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tblVehicleEF	LHD1	2.1590e-003	2.0330e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.37	0.35
tblVehicleEF	LHD1	0.41	0.36
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003
tblVehicleEF	LHD2	8.3250e-003	5.8620e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	0.45
tblVehicleEF	LHD2	2.09	1.67
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.19	0.88
tblVehicleEF	LHD2	0.78	0.66
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	1.7770e-003	1.4140e-003
tblVehicleEF	LHD2	0.06	0.05

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0440e-003	8.8000e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.14	0.11
tblVehicleEF	LHD2	0.20	0.15
tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1920e-003
tblVehicleEF	LHD2	3.6400e-004	3.3100e-004
tblVehicleEF	LHD2	1.7770e-003	1.4140e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0440e-003	8.8000e-004
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.14	0.11
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003
tblVehicleEF	LHD2	8.4650e-003	5.9540e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	0.46
tblVehicleEF	LHD2	2.00	1.60
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.12	0.83

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tblVehicleEF	LHD2	0.74	0.63
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	2.6560e-003	2.1090e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4860e-003	1.2380e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.14	0.10
tblVehicleEF	LHD2	0.19	0.15
tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1920e-003
tblVehicleEF	LHD2	3.6200e-004	3.3000e-004
tblVehicleEF	LHD2	2.6560e-003	2.1090e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4860e-003	1.2380e-003
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.14	0.10
tblVehicleEF	LHD2	0.21	0.16
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003

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tblVehicleEF	LHD2	8.2880e-003	5.8380e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.62	0.45
tblVehicleEF	LHD2	2.11	1.68
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.17	0.87
tblVehicleEF	LHD2	0.78	0.67
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	1.8890e-003	1.4720e-003
tblVehicleEF	LHD2	0.07	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0270e-003	8.5900e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.15	0.12
tblVehicleEF	LHD2	0.20	0.16

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tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1910e-003
tblVehicleEF	LHD2	3.6400e-004	3.3100e-004
tblVehicleEF	LHD2	1.8890e-003	1.4720e-003
tblVehicleEF	LHD2	0.07	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0270e-003	8.5900e-004
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.15	0.12
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	MCY	0.52	0.53
tblVehicleEF	MCY	0.15	0.15
tblVehicleEF	MCY	20.35	19.48
tblVehicleEF	MCY	9.58	9.63
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	1.14	1.13
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.09	1.07
tblVehicleEF	MCY	0.70	0.66
tblVehicleEF	MCY	0.68	0.66
tblVehicleEF	MCY	2.69	2.62

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tblVehicleEF	MCY	0.69	0.63
tblVehicleEF	MCY	2.11	2.08
tblVehicleEF	MCY	2.2800e-003	2.2730e-003
tblVehicleEF	MCY	6.8200e-004	6.7100e-004
tblVehicleEF	MCY	1.09	1.07
tblVehicleEF	MCY	0.70	0.66
tblVehicleEF	MCY	0.68	0.66
tblVehicleEF	MCY	3.31	3.25
tblVehicleEF	MCY	0.69	0.63
tblVehicleEF	MCY	2.30	2.26
tblVehicleEF	MCY	0.51	0.52
tblVehicleEF	MCY	0.14	0.14
tblVehicleEF	MCY	19.53	18.74
tblVehicleEF	MCY	8.80	8.81
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.77	1.74
tblVehicleEF	MCY	0.76	0.72
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	2.61	2.56

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	MCY	0.65	0.60
tblVehicleEF	MCY	1.87	1.85
tblVehicleEF	MCY	2.2650e-003	2.2590e-003
tblVehicleEF	MCY	6.6200e-004	6.5100e-004
tblVehicleEF	MCY	1.77	1.74
tblVehicleEF	MCY	0.76	0.72
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	3.22	3.17
tblVehicleEF	MCY	0.65	0.60
tblVehicleEF	MCY	2.04	2.01
tblVehicleEF	MCY	0.52	0.53
tblVehicleEF	MCY	0.16	0.16
tblVehicleEF	MCY	20.46	19.59
tblVehicleEF	MCY	9.71	9.76
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.19	1.17
tblVehicleEF	MCY	0.91	0.86
tblVehicleEF	MCY	0.65	0.63
tblVehicleEF	MCY	2.71	2.64

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	MCY	0.78	0.73
tblVehicleEF	MCY	2.16	2.12
tblVehicleEF	MCY	2.2820e-003	2.2750e-003
tblVehicleEF	MCY	6.8500e-004	6.7500e-004
tblVehicleEF	MCY	1.19	1.17
tblVehicleEF	MCY	0.91	0.86
tblVehicleEF	MCY	0.65	0.63
tblVehicleEF	MCY	3.32	3.26
tblVehicleEF	MCY	0.78	0.73
tblVehicleEF	MCY	2.34	2.31
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.12	1.77
tblVehicleEF	MDV	3.78	3.11
tblVehicleEF	MDV	571.96	543.27
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.24	0.19
tblVehicleEF	MDV	0.36	0.29
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.07	0.05

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.31	0.25
tblVehicleEF	MDV	5.7420e-003	5.4490e-003
tblVehicleEF	MDV	1.2110e-003	1.1480e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.34	0.27
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.27	1.90
tblVehicleEF	MDV	3.24	2.66
tblVehicleEF	MDV	597.13	567.14
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.33	0.26
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.07	0.05

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.28	0.22
tblVehicleEF	MDV	5.9950e-003	5.6890e-003
tblVehicleEF	MDV	1.2020e-003	1.1400e-003
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.30	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.07	1.72
tblVehicleEF	MDV	3.90	3.20
tblVehicleEF	MDV	562.74	534.52
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.24	0.19
tblVehicleEF	MDV	0.37	0.29
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.20	0.18
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.07	0.05

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.32	0.25
tblVehicleEF	MDV	5.6490e-003	5.3610e-003
tblVehicleEF	MDV	1.2130e-003	1.1500e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.20	0.18
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.35	0.28
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.33	3.53
tblVehicleEF	MH	8.75	7.14
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.46	1.26
tblVehicleEF	MH	1.00	0.90
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003
tblVehicleEF	MH	1.42	1.18
tblVehicleEF	MH	0.10	0.08

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tblVehicleEF	MH	0.58	0.49
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.57	0.43
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.4900e-004	7.6200e-004
tblVehicleEF	MH	1.42	1.18
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.58	0.49
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.62	0.47
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.34	3.59
tblVehicleEF	MH	8.26	6.72
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.33	1.15
tblVehicleEF	MH	0.95	0.86
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003

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tblVehicleEF	MH	2.11	1.74
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.84	0.71
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.54	0.41
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.4100e-004	7.5500e-004
tblVehicleEF	MH	2.11	1.74
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.84	0.71
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.59	0.45
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.32	3.51
tblVehicleEF	MH	8.81	7.19
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.43	1.23
tblVehicleEF	MH	1.01	0.91
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003

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tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003
tblVehicleEF	MH	1.64	1.35
tblVehicleEF	MH	0.13	0.10
tblVehicleEF	MH	0.61	0.51
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.57	0.43
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.5100e-004	7.6300e-004
tblVehicleEF	MH	1.64	1.35
tblVehicleEF	MH	0.13	0.10
tblVehicleEF	MH	0.61	0.51
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.63	0.47
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.6590e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.52	0.44
tblVehicleEF	MHD	0.97	0.61
tblVehicleEF	MHD	9.10	7.49
tblVehicleEF	MHD	131.26	133.10
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.07	0.81

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tblVehicleEF	MHD	2.94	1.86
tblVehicleEF	MHD	9.72	9.86
tblVehicleEF	MHD	4.4680e-003	2.2420e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	4.2750e-003	2.1450e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	1.6210e-003	1.3410e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	9.7000e-004	8.3700e-004
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.56	0.46
tblVehicleEF	MHD	1.2660e-003	1.2830e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.5000e-004	7.8800e-004
tblVehicleEF	MHD	1.6210e-003	1.3410e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	9.7000e-004	8.3700e-004
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.62	0.50
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.7760e-003

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.37	0.32
tblVehicleEF	MHD	0.98	0.62
tblVehicleEF	MHD	8.64	7.11
tblVehicleEF	MHD	139.02	140.97
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.10	0.84
tblVehicleEF	MHD	2.77	1.75
tblVehicleEF	MHD	9.66	9.81
tblVehicleEF	MHD	3.7670e-003	1.8900e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	3.6040e-003	1.8090e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	2.4460e-003	2.0150e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.4100e-003	1.1980e-003
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.54	0.44
tblVehicleEF	MHD	1.3390e-003	1.3570e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.4200e-004	7.8100e-004

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tblVehicleEF	MHD	2.4460e-003	2.0150e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	1.4100e-003	1.1980e-003
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.59	0.48
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.6270e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.71	0.61
tblVehicleEF	MHD	0.97	0.61
tblVehicleEF	MHD	9.18	7.56
tblVehicleEF	MHD	120.53	122.21
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.02	0.78
tblVehicleEF	MHD	2.88	1.83
tblVehicleEF	MHD	9.73	9.87
tblVehicleEF	MHD	5.4370e-003	2.7290e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	5.2020e-003	2.6110e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	1.7380e-003	1.4110e-003

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	9.6300e-004	8.2400e-004
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.57	0.46
tblVehicleEF	MHD	1.1650e-003	1.1810e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.5100e-004	7.8900e-004
tblVehicleEF	MHD	1.7380e-003	1.4110e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	9.6300e-004	8.2400e-004
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.62	0.51
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.30	0.29
tblVehicleEF	OBUS	0.91	0.68
tblVehicleEF	OBUS	6.92	6.09
tblVehicleEF	OBUS	108.10	110.73
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.72	0.65

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tblVehicleEF	OBUS	2.47	2.05
tblVehicleEF	OBUS	2.71	2.66
tblVehicleEF	OBUS	4.2400e-004	3.0000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	4.0500e-004	2.8700e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	1.5910e-003	1.4950e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	8.0300e-004	7.8100e-004
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.44	0.38
tblVehicleEF	OBUS	1.0440e-003	1.0690e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2500e-004	7.9500e-004
tblVehicleEF	OBUS	1.5910e-003	1.4950e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	8.0300e-004	7.8100e-004
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01

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tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.28	0.27
tblVehicleEF	OBUS	0.92	0.69
tblVehicleEF	OBUS	6.54	5.75
tblVehicleEF	OBUS	113.50	116.31
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.74	0.67
tblVehicleEF	OBUS	2.33	1.93
tblVehicleEF	OBUS	2.66	2.62
tblVehicleEF	OBUS	3.5700e-004	2.5300e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	3.4200e-004	2.4200e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	2.3340e-003	2.1920e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.1530e-003	1.1100e-003
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.42	0.37
tblVehicleEF	OBUS	1.0950e-003	1.1220e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1900e-004	7.9000e-004

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	OBUS	2.3340e-003	2.1920e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	1.1530e-003	1.1100e-003
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.46	0.40
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.32	0.31
tblVehicleEF	OBUS	0.90	0.68
tblVehicleEF	OBUS	6.99	6.15
tblVehicleEF	OBUS	100.63	103.03
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.69	0.62
tblVehicleEF	OBUS	2.43	2.02
tblVehicleEF	OBUS	2.72	2.67
tblVehicleEF	OBUS	5.1500e-004	3.6500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	4.9300e-004	3.4900e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	1.6850e-003	1.5550e-003

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	7.9100e-004	7.6300e-004
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.44	0.39
tblVehicleEF	OBUS	9.7200e-004	9.9500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2700e-004	7.9600e-004
tblVehicleEF	OBUS	1.6850e-003	1.5550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	7.9100e-004	7.6300e-004
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	7.49	7.89
tblVehicleEF	SBUS	0.99	0.84
tblVehicleEF	SBUS	7.98	7.67
tblVehicleEF	SBUS	1,186.50	1,153.25
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	12.11	10.62

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	SBUS	5.77	4.93
tblVehicleEF	SBUS	13.39	12.73
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	3.7610e-003	3.4480e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.91	0.96
tblVehicleEF	SBUS	1.6760e-003	1.6800e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.42	0.40
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.2500e-004	6.5300e-004
tblVehicleEF	SBUS	3.7610e-003	3.4480e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.31	1.38
tblVehicleEF	SBUS	1.6760e-003	1.6800e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.46	0.44

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	0.06
tblVehicleEF	SBUS	7.34	7.76
tblVehicleEF	SBUS	1.01	0.86
tblVehicleEF	SBUS	6.47	6.22
tblVehicleEF	SBUS	1,242.73	1,206.53
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	12.50	10.96
tblVehicleEF	SBUS	5.44	4.65
tblVehicleEF	SBUS	13.36	12.69
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.01	9.8410e-003
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	5.5520e-003	5.0870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.91	0.95
tblVehicleEF	SBUS	2.4450e-003	2.4200e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.01

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	SBUS	0.37	0.36
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.9900e-004	6.2900e-004
tblVehicleEF	SBUS	5.5520e-003	5.0870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.30	1.37
tblVehicleEF	SBUS	2.4450e-003	2.4200e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.41	0.39
tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	7.71	8.07
tblVehicleEF	SBUS	0.99	0.84
tblVehicleEF	SBUS	8.24	7.93
tblVehicleEF	SBUS	1,108.84	1,079.68
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	11.58	10.15
tblVehicleEF	SBUS	5.67	4.85
tblVehicleEF	SBUS	13.40	12.73
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	4.1100e-003	3.6280e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.92	0.96
tblVehicleEF	SBUS	1.6450e-003	1.6230e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.43	0.41
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.2900e-004	6.5700e-004
tblVehicleEF	SBUS	4.1100e-003	3.6280e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.31	1.38
tblVehicleEF	SBUS	1.6450e-003	1.6230e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.47	0.45
tblVehicleEF	UBUS	3.26	2.95
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	13.77	12.36
tblVehicleEF	UBUS	8.86	8.85
tblVehicleEF	UBUS	2,060.73	2,008.92

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	13.47	11.49
tblVehicleEF	UBUS	16.66	15.98
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	4.2490e-003	4.1600e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	2.3080e-003	2.3210e-003
tblVehicleEF	UBUS	1.11	0.96
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.65	0.66
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.4500e-004	1.0390e-003
tblVehicleEF	UBUS	4.2490e-003	4.1600e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	2.3080e-003	2.3210e-003
tblVehicleEF	UBUS	4.50	4.03
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.71	0.72
tblVehicleEF	UBUS	3.27	2.95
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	13.82	12.41

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	UBUS	7.68	7.66
tblVehicleEF	UBUS	2,060.73	2,008.92
tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	12.70	10.84
tblVehicleEF	UBUS	16.62	15.93
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	6.0530e-003	5.9230e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	3.1970e-003	3.1960e-003
tblVehicleEF	UBUS	1.12	0.97
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.59	0.60
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.2500e-004	1.0190e-003
tblVehicleEF	UBUS	6.0530e-003	5.9230e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	3.1970e-003	3.1960e-003
tblVehicleEF	UBUS	4.51	4.04
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.65	0.66
tblVehicleEF	UBUS	3.26	2.95

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	13.76	12.34
tblVehicleEF	UBUS	9.07	9.07
tblVehicleEF	UBUS	2,060.73	2,008.92
tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	13.21	11.27
tblVehicleEF	UBUS	16.67	15.99
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	4.9340e-003	4.7740e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	2.4730e-003	2.4590e-003
tblVehicleEF	UBUS	1.10	0.96
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.66	0.67
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.4900e-004	1.0430e-003
tblVehicleEF	UBUS	4.9340e-003	4.7740e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	2.4730e-003	2.4590e-003
tblVehicleEF	UBUS	4.50	4.02
tblVehicleEF	UBUS	0.02	0.03

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

tblVehicleEF	UBUS	0.72	0.74
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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	2.1712	22.2650	13.9546	0.0273	0.6979	1.2585	1.9564	0.1017	1.1578	1.2595	0.0000	2,749.094 1	2,749.094 1	0.8043	0.0000	2,769.202 6
Maximum	2.1712	22.2650	13.9546	0.0273	0.6979	1.2585	1.9564	0.1017	1.1578	1.2595	0.0000	2,749.094 1	2,749.094 1	0.8043	0.0000	2,769.202 6

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	2.1712	22.2650	13.9546	0.0273	0.3641	1.2585	1.6226	0.0906	1.1578	1.2235	0.0000	2,749.094 1	2,749.094 1	0.8043	0.0000	2,769.202 6
Maximum	2.1712	22.2650	13.9546	0.0273	0.3641	1.2585	1.6226	0.0906	1.1578	1.2235	0.0000	2,749.094 1	2,749.094 1	0.8043	0.0000	2,769.202 6

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	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	47.83	0.00	17.06	10.98	0.00	2.86	0.00	0.00	0.00	0.00	0.00	0.00

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.0400e-003	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.5000e-003	3.5000e-003	1.0000e-005		3.7400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	7.0400e-003	2.0000e-005	1.6600e-003	0.0000	0.0000	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	1.0000e-005		3.5000e-003	3.5000e-003	1.0000e-005	0.0000	3.7400e-003

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.0400e-003	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.5000e-003	3.5000e-003	1.0000e-005		3.7400e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	7.0400e-003	2.0000e-005	1.6600e-003	0.0000	0.0000	1.0000e-005	1.0000e-005	0.0000	1.0000e-005	1.0000e-005		3.5000e-003	3.5000e-003	1.0000e-005	0.0000	3.7400e-003

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation Bridge	Site Preparation	1/1/2018	3/2/2018	5	45	
2	Building Construction Bridge	Building Construction	3/3/2018	7/20/2018	5	100	
3	Paving Bridge	Paving	7/21/2018	7/27/2018	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.37

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

OffRoad Equipment

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving Bridge	Paving Equipment	1	6.00	9	0.56
Site Preparation Bridge	Bore/Drill Rigs	1	8.00	187	0.41
Site Preparation Bridge	Rubber Tired Loaders	2	8.00	97	0.37
Building Construction Bridge	Cranes	1	4.00	231	0.29
Building Construction Bridge	Forklifts	1	6.00	89	0.20
Paving Bridge	Pavers	1	7.00	130	0.42
Paving Bridge	Cement and Mortar Mixers	4	6.00	9	0.56
Paving Bridge	Rollers	1	7.00	80	0.38
Site Preparation Bridge	Graders	1	8.00	187	0.41
Site Preparation Bridge	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction Bridge	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Bridge	Tractors/Loaders/Backhoes	1	7.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation Bridge	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Bridge	4	15.00	25.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Bridge	8	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

3.2 Site Preparation Bridge - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	2.0883	22.2024	13.1445	0.0254		1.2570	1.2570		1.1564	1.1564		2,561.0406	2,561.0406	0.7973		2,580.9728
Total	2.0883	22.2024	13.1445	0.0254	0.5303	1.2570	1.7872	0.0573	1.1564	1.2137		2,561.0406	2,561.0406	0.7973		2,580.9728

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298
Total	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

3.2 Site Preparation Bridge - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1965	0.0000	0.1965	0.0212	0.0000	0.0212			0.0000			0.0000
Off-Road	2.0883	22.2024	13.1445	0.0254		1.2570	1.2570		1.1564	1.1564	0.0000	2,561.0406	2,561.0406	0.7973		2,580.9728
Total	2.0883	22.2024	13.1445	0.0254	0.1965	1.2570	1.4534	0.0212	1.1564	1.1776	0.0000	2,561.0406	2,561.0406	0.7973		2,580.9728

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298
Total	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

3.3 Building Construction Bridge - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9512	9.8507	6.8428	0.0102		0.6145	0.6145		0.5653	0.5653		1,031.1916	1,031.1916	0.3210		1,039.2172
Total	0.9512	9.8507	6.8428	0.0102		0.6145	0.6145		0.5653	0.5653		1,031.1916	1,031.1916	0.3210		1,039.2172

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1150	3.0640	0.8377	6.6100e-003	0.1600	0.0216	0.1816	0.0461	0.0207	0.0667		704.1985	704.1985	0.0464		705.3578
Worker	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298
Total	0.1979	3.1265	1.6479	8.5000e-003	0.3277	0.0231	0.3508	0.0906	0.0220	0.1126		892.2520	892.2520	0.0534		893.5876

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

3.3 Building Construction Bridge - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9512	9.8507	6.8428	0.0102		0.6145	0.6145		0.5653	0.5653	0.0000	1,031.1916	1,031.1916	0.3210		1,039.2172
Total	0.9512	9.8507	6.8428	0.0102		0.6145	0.6145		0.5653	0.5653	0.0000	1,031.1916	1,031.1916	0.3210		1,039.2172

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1150	3.0640	0.8377	6.6100e-003	0.1600	0.0216	0.1816	0.0461	0.0207	0.0667		704.1985	704.1985	0.0464		705.3578
Worker	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298
Total	0.1979	3.1265	1.6479	8.5000e-003	0.3277	0.0231	0.3508	0.0906	0.0220	0.1126		892.2520	892.2520	0.0534		893.5876

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

3.4 Paving Bridge - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735		1,070.1372	1,070.1372	0.3017		1,077.6798
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735		1,070.1372	1,070.1372	0.3017		1,077.6798

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298
Total	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

3.4 Paving Bridge - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735	0.0000	1,070.137 2	1,070.137 2	0.3017		1,077.679 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9202	8.7447	7.2240	0.0113		0.5109	0.5109		0.4735	0.4735	0.0000	1,070.137 2	1,070.137 2	0.3017		1,077.679 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298
Total	0.0829	0.0625	0.8101	1.8900e-003	0.1677	1.4900e-003	0.1692	0.0445	1.3800e-003	0.0458		188.0535	188.0535	7.0500e-003		188.2298

4.0 Operational Detail - Mobile

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

4.1 Mitigation Measures Mobile

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

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Unenclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unenclosed Parking Structure	0.547972	0.046127	0.199330	0.125604	0.017697	0.005953	0.018360	0.027618	0.002341	0.002583	0.004804	0.000667	0.000944

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

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

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

5.2 Energy by Land Use - NaturalGas

Unmitigated

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

Mitigated

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

6.0 Area Detail

6.1 Mitigation Measures Area

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.0400e-003	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.5000e-003	3.5000e-003	1.0000e-005		3.7400e-003
Unmitigated	7.0400e-003	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.5000e-003	3.5000e-003	1.0000e-005		3.7400e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.2200e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.6700e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.6000e-004	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.5000e-003	3.5000e-003	1.0000e-005		3.7400e-003
Total	7.0500e-003	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.5000e-003	3.5000e-003	1.0000e-005		3.7400e-003

Del Rey Pointe Bridge - Los Angeles-South Coast County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.2200e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.6700e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.6000e-004	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.5000e-003	3.5000e-003	1.0000e-005		3.7400e-003
Total	7.0500e-003	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		3.5000e-003	3.5000e-003	1.0000e-005		3.7400e-003

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

Del Rey Pointe Bridge - Los Angeles-South Coast County, Annual

Del Rey Pointe Bridge
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unenclosed Parking Structure	16.00	1000sqft	0.37	16,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2018
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Del Rey Pointe Bridge - Los Angeles-South Coast County, Annual

Project Characteristics -

Land Use - Based on project description.

Construction Phase - Based off of project description.

Off-road Equipment -

Off-road Equipment - Data provided by client.

Off-road Equipment - Data provided by client.

Off-road Equipment - Data provided by client.

Trips and VMT - 5-10 workers per day during bridge construction.

Grading - Approximately 12,000SF of grading required.

Architectural Coating - Based on project description.

Woodstoves - Not a residential land use.

Area Coating - Project total SF is 262,927.

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas 3x daily, limit unpaved road speed to 15mph, replace groundcover, and use of soil stabilizers required by Rule 403.

Mobile Land Use Mitigation - 35 of the 236 units are to be restricted to low income households.

Area Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Vehicle Trips - No trip generation. Supportive of proposed project.

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	1.00	45.00
tblConstructionPhase	PhaseEndDate	9/19/2018	7/20/2018
tblConstructionPhase	PhaseEndDate	3/27/2020	7/27/2018
tblConstructionPhase	PhaseStartDate	5/3/2018	3/3/2018
tblConstructionPhase	PhaseStartDate	3/21/2020	7/21/2018

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tblOffRoadEquipment	HorsePower	132.00	9.00
tblOffRoadEquipment	HorsePower	203.00	97.00
tblOffRoadEquipment	HorsePower	221.00	187.00
tblOffRoadEquipment	LoadFactor	0.36	0.56
tblOffRoadEquipment	LoadFactor	0.36	0.37
tblOffRoadEquipment	LoadFactor	0.50	0.41
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	OffRoadEquipmentType	Cement and Mortar Mixers	Paving Equipment
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Rubber Tired Loaders
tblOffRoadEquipment	OffRoadEquipmentType	Graders	Bore/Drill Rigs
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblTripsAndVMT	VendorTripNumber	3.00	25.00
tblTripsAndVMT	WorkerTripNumber	7.00	15.00
tblTripsAndVMT	WorkerTripNumber	20.00	15.00
tblVehicleEF	HHD	0.76	0.68
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	3.21	2.75
tblVehicleEF	HHD	1.20	1.17
tblVehicleEF	HHD	3.93	3.50
tblVehicleEF	HHD	4,772.37	4,770.40
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	25.66	22.90

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tblVehicleEF	HHD	5.29	4.59
tblVehicleEF	HHD	19.58	19.58
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	1.6300e-004	1.2200e-004
tblVehicleEF	HHD	8.3110e-003	5.6590e-003
tblVehicleEF	HHD	0.81	0.69
tblVehicleEF	HHD	1.1700e-004	9.1000e-005
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	7.0400e-004	4.9400e-004
tblVehicleEF	HHD	0.14	0.10
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8300e-004	1.6600e-004
tblVehicleEF	HHD	1.6300e-004	1.2200e-004
tblVehicleEF	HHD	8.3110e-003	5.6590e-003
tblVehicleEF	HHD	0.94	0.80
tblVehicleEF	HHD	1.1700e-004	9.1000e-005
tblVehicleEF	HHD	0.29	0.27

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tblVehicleEF	HHD	7.0400e-004	4.9400e-004
tblVehicleEF	HHD	0.15	0.11
tblVehicleEF	HHD	0.71	0.64
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.12	0.09
tblVehicleEF	HHD	2.34	2.00
tblVehicleEF	HHD	1.21	1.17
tblVehicleEF	HHD	3.74	3.33
tblVehicleEF	HHD	5,051.49	5,051.17
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	26.47	23.63
tblVehicleEF	HHD	5.00	4.34
tblVehicleEF	HHD	19.57	19.57
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	2.5500e-004	1.8800e-004
tblVehicleEF	HHD	8.4680e-003	5.7950e-003

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tblVehicleEF	HHD	0.76	0.65
tblVehicleEF	HHD	1.7600e-004	1.3300e-004
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	6.9300e-004	4.8300e-004
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8000e-004	1.6300e-004
tblVehicleEF	HHD	2.5500e-004	1.8800e-004
tblVehicleEF	HHD	8.4680e-003	5.7950e-003
tblVehicleEF	HHD	0.89	0.76
tblVehicleEF	HHD	1.7600e-004	1.3300e-004
tblVehicleEF	HHD	0.29	0.27
tblVehicleEF	HHD	6.9300e-004	4.8300e-004
tblVehicleEF	HHD	0.14	0.11
tblVehicleEF	HHD	0.81	0.73
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	4.40	3.78
tblVehicleEF	HHD	1.20	1.16
tblVehicleEF	HHD	3.96	3.53
tblVehicleEF	HHD	4,386.91	4,382.68
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	24.53	21.89
tblVehicleEF	HHD	5.20	4.51

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tblVehicleEF	HHD	19.59	19.58
tblVehicleEF	HHD	0.04	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.04	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	1.6900e-004	1.2200e-004
tblVehicleEF	HHD	9.7550e-003	6.2650e-003
tblVehicleEF	HHD	0.87	0.74
tblVehicleEF	HHD	1.1600e-004	8.8000e-005
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	7.5400e-004	5.3300e-004
tblVehicleEF	HHD	0.14	0.10
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8400e-004	1.6700e-004
tblVehicleEF	HHD	1.6900e-004	1.2200e-004
tblVehicleEF	HHD	9.7550e-003	6.2650e-003
tblVehicleEF	HHD	1.01	0.86
tblVehicleEF	HHD	1.1600e-004	8.8000e-005
tblVehicleEF	HHD	0.29	0.27
tblVehicleEF	HHD	7.5400e-004	5.3300e-004

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tblVehicleEF	HHD	0.15	0.11
tblVehicleEF	LDA	8.3350e-003	6.5530e-003
tblVehicleEF	LDA	9.7470e-003	7.1270e-003
tblVehicleEF	LDA	0.93	0.76
tblVehicleEF	LDA	1.81	1.42
tblVehicleEF	LDA	319.38	296.37
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.08	0.06
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.13	0.10
tblVehicleEF	LDA	3.2020e-003	2.9700e-003
tblVehicleEF	LDA	6.8200e-004	6.3700e-004
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.05	0.04

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tblVehicleEF	LDA	0.14	0.11
tblVehicleEF	LDA	8.8220e-003	6.9520e-003
tblVehicleEF	LDA	8.6480e-003	6.3260e-003
tblVehicleEF	LDA	1.02	0.83
tblVehicleEF	LDA	1.54	1.21
tblVehicleEF	LDA	334.26	310.18
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.11	0.08
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	0.15	0.12
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	3.3520e-003	3.1090e-003
tblVehicleEF	LDA	6.7800e-004	6.3300e-004
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	0.15	0.12
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.05	0.04

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tblVehicleEF	LDA	0.13	0.09
tblVehicleEF	LDA	8.1700e-003	6.4200e-003
tblVehicleEF	LDA	9.9770e-003	7.2950e-003
tblVehicleEF	LDA	0.90	0.73
tblVehicleEF	LDA	1.86	1.46
tblVehicleEF	LDA	313.94	291.32
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.08	0.06
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.13	0.10
tblVehicleEF	LDA	3.1470e-003	2.9190e-003
tblVehicleEF	LDA	6.8300e-004	6.3800e-004
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.06	0.05

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tblVehicleEF	LDA	0.15	0.11
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.49	2.02
tblVehicleEF	LDT1	4.24	3.43
tblVehicleEF	LDT1	379.11	360.63
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.35	0.30
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	0.31	0.24
tblVehicleEF	LDT1	3.8260e-003	3.6330e-003
tblVehicleEF	LDT1	8.3700e-004	7.9100e-004
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.35	0.30
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.22	0.19

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tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.68	2.18
tblVehicleEF	LDT1	3.60	2.91
tblVehicleEF	LDT1	395.47	376.30
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.21	0.17
tblVehicleEF	LDT1	0.23	0.18
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT1	0.19	0.17
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.20	0.18
tblVehicleEF	LDT1	0.27	0.21
tblVehicleEF	LDT1	3.9920e-003	3.7920e-003
tblVehicleEF	LDT1	8.2600e-004	7.8200e-004
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT1	0.19	0.17
tblVehicleEF	LDT1	0.10	0.07
tblVehicleEF	LDT1	0.20	0.18

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tblVehicleEF	LDT1	0.30	0.23
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.42	1.96
tblVehicleEF	LDT1	4.38	3.54
tblVehicleEF	LDT1	373.10	354.88
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.40	0.35
tblVehicleEF	LDT1	0.13	0.11
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.32	0.25
tblVehicleEF	LDT1	3.7650e-003	3.5750e-003
tblVehicleEF	LDT1	8.4000e-004	7.9300e-004
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.40	0.35
tblVehicleEF	LDT1	0.13	0.11
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.26	0.23

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tblVehicleEF	LDT1	0.35	0.27
tblVehicleEF	LDT2	0.01	8.6320e-003
tblVehicleEF	LDT2	0.01	8.2970e-003
tblVehicleEF	LDT2	1.22	0.97
tblVehicleEF	LDT2	2.19	1.67
tblVehicleEF	LDT2	433.60	408.00
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.13	0.10
tblVehicleEF	LDT2	0.20	0.14
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	4.3480e-003	4.0880e-003
tblVehicleEF	LDT2	9.1600e-004	8.6100e-004
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.08	0.07

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tblVehicleEF	LDT2	0.17	0.12
tblVehicleEF	LDT2	0.01	9.1430e-003
tblVehicleEF	LDT2	0.01	7.3790e-003
tblVehicleEF	LDT2	1.33	1.07
tblVehicleEF	LDT2	1.87	1.43
tblVehicleEF	LDT2	453.06	426.32
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.12	0.09
tblVehicleEF	LDT2	0.19	0.13
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.15	0.12
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.14	0.10
tblVehicleEF	LDT2	4.5440e-003	4.2730e-003
tblVehicleEF	LDT2	9.1000e-004	8.5600e-004
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.15	0.12
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.07	0.06

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tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	0.01	8.4620e-003
tblVehicleEF	LDT2	0.01	8.4930e-003
tblVehicleEF	LDT2	1.18	0.94
tblVehicleEF	LDT2	2.26	1.73
tblVehicleEF	LDT2	426.45	401.27
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.13	0.10
tblVehicleEF	LDT2	0.21	0.15
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.16	0.11
tblVehicleEF	LDT2	4.2760e-003	4.0210e-003
tblVehicleEF	LDT2	9.1700e-004	8.6200e-004
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.09	0.08

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tblVehicleEF	LDT2	0.17	0.13
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.36	1.07
tblVehicleEF	LHD1	3.84	3.29
tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.35	1.15
tblVehicleEF	LHD1	1.23	1.13
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003
tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	3.7800e-003	3.4680e-003
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1720e-003	2.0560e-003
tblVehicleEF	LHD1	0.09	0.07

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tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	0.38	0.32
tblVehicleEF	LHD1	6.3470e-003	6.1270e-003
tblVehicleEF	LHD1	4.5700e-004	4.2000e-004
tblVehicleEF	LHD1	3.7800e-003	3.4680e-003
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.1720e-003	2.0560e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	0.41	0.35
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.38	1.08
tblVehicleEF	LHD1	3.66	3.14
tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.26	1.07
tblVehicleEF	LHD1	1.18	1.08
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003

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tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	5.6970e-003	5.2080e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.1190e-003	2.9180e-003
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.33	0.32
tblVehicleEF	LHD1	0.36	0.31
tblVehicleEF	LHD1	6.3480e-003	6.1280e-003
tblVehicleEF	LHD1	4.5400e-004	4.1700e-004
tblVehicleEF	LHD1	5.6970e-003	5.2080e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.1190e-003	2.9180e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.33	0.32
tblVehicleEF	LHD1	0.40	0.34
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.36	1.06
tblVehicleEF	LHD1	3.86	3.32

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tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.32	1.13
tblVehicleEF	LHD1	1.24	1.14
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003
tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	4.0690e-003	3.6860e-003
tblVehicleEF	LHD1	0.14	0.13
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1590e-003	2.0330e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.37	0.35
tblVehicleEF	LHD1	0.38	0.32
tblVehicleEF	LHD1	6.3470e-003	6.1270e-003
tblVehicleEF	LHD1	4.5800e-004	4.2100e-004
tblVehicleEF	LHD1	4.0690e-003	3.6860e-003
tblVehicleEF	LHD1	0.14	0.13
tblVehicleEF	LHD1	0.03	0.03

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tblVehicleEF	LHD1	2.1590e-003	2.0330e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.37	0.35
tblVehicleEF	LHD1	0.41	0.36
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003
tblVehicleEF	LHD2	8.3250e-003	5.8620e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	0.45
tblVehicleEF	LHD2	2.09	1.67
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.19	0.88
tblVehicleEF	LHD2	0.78	0.66
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	1.7770e-003	1.4140e-003
tblVehicleEF	LHD2	0.06	0.05

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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0440e-003	8.8000e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.14	0.11
tblVehicleEF	LHD2	0.20	0.15
tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1920e-003
tblVehicleEF	LHD2	3.6400e-004	3.3100e-004
tblVehicleEF	LHD2	1.7770e-003	1.4140e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0440e-003	8.8000e-004
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.14	0.11
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003
tblVehicleEF	LHD2	8.4650e-003	5.9540e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	0.46
tblVehicleEF	LHD2	2.00	1.60
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.12	0.83

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tblVehicleEF	LHD2	0.74	0.63
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	2.6560e-003	2.1090e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4860e-003	1.2380e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.14	0.10
tblVehicleEF	LHD2	0.19	0.15
tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1920e-003
tblVehicleEF	LHD2	3.6200e-004	3.3000e-004
tblVehicleEF	LHD2	2.6560e-003	2.1090e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4860e-003	1.2380e-003
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.14	0.10
tblVehicleEF	LHD2	0.21	0.16
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003

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tblVehicleEF	LHD2	8.2880e-003	5.8380e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.62	0.45
tblVehicleEF	LHD2	2.11	1.68
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.17	0.87
tblVehicleEF	LHD2	0.78	0.67
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	1.8890e-003	1.4720e-003
tblVehicleEF	LHD2	0.07	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0270e-003	8.5900e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.15	0.12
tblVehicleEF	LHD2	0.20	0.16

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tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1910e-003
tblVehicleEF	LHD2	3.6400e-004	3.3100e-004
tblVehicleEF	LHD2	1.8890e-003	1.4720e-003
tblVehicleEF	LHD2	0.07	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0270e-003	8.5900e-004
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.15	0.12
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	MCY	0.52	0.53
tblVehicleEF	MCY	0.15	0.15
tblVehicleEF	MCY	20.35	19.48
tblVehicleEF	MCY	9.58	9.63
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	1.14	1.13
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.09	1.07
tblVehicleEF	MCY	0.70	0.66
tblVehicleEF	MCY	0.68	0.66
tblVehicleEF	MCY	2.69	2.62

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tblVehicleEF	MCY	0.69	0.63
tblVehicleEF	MCY	2.11	2.08
tblVehicleEF	MCY	2.2800e-003	2.2730e-003
tblVehicleEF	MCY	6.8200e-004	6.7100e-004
tblVehicleEF	MCY	1.09	1.07
tblVehicleEF	MCY	0.70	0.66
tblVehicleEF	MCY	0.68	0.66
tblVehicleEF	MCY	3.31	3.25
tblVehicleEF	MCY	0.69	0.63
tblVehicleEF	MCY	2.30	2.26
tblVehicleEF	MCY	0.51	0.52
tblVehicleEF	MCY	0.14	0.14
tblVehicleEF	MCY	19.53	18.74
tblVehicleEF	MCY	8.80	8.81
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.77	1.74
tblVehicleEF	MCY	0.76	0.72
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	2.61	2.56

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tblVehicleEF	MCY	0.65	0.60
tblVehicleEF	MCY	1.87	1.85
tblVehicleEF	MCY	2.2650e-003	2.2590e-003
tblVehicleEF	MCY	6.6200e-004	6.5100e-004
tblVehicleEF	MCY	1.77	1.74
tblVehicleEF	MCY	0.76	0.72
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	3.22	3.17
tblVehicleEF	MCY	0.65	0.60
tblVehicleEF	MCY	2.04	2.01
tblVehicleEF	MCY	0.52	0.53
tblVehicleEF	MCY	0.16	0.16
tblVehicleEF	MCY	20.46	19.59
tblVehicleEF	MCY	9.71	9.76
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.19	1.17
tblVehicleEF	MCY	0.91	0.86
tblVehicleEF	MCY	0.65	0.63
tblVehicleEF	MCY	2.71	2.64

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tblVehicleEF	MCY	0.78	0.73
tblVehicleEF	MCY	2.16	2.12
tblVehicleEF	MCY	2.2820e-003	2.2750e-003
tblVehicleEF	MCY	6.8500e-004	6.7500e-004
tblVehicleEF	MCY	1.19	1.17
tblVehicleEF	MCY	0.91	0.86
tblVehicleEF	MCY	0.65	0.63
tblVehicleEF	MCY	3.32	3.26
tblVehicleEF	MCY	0.78	0.73
tblVehicleEF	MCY	2.34	2.31
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.12	1.77
tblVehicleEF	MDV	3.78	3.11
tblVehicleEF	MDV	571.96	543.27
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.24	0.19
tblVehicleEF	MDV	0.36	0.29
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.07	0.05

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tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.31	0.25
tblVehicleEF	MDV	5.7420e-003	5.4490e-003
tblVehicleEF	MDV	1.2110e-003	1.1480e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.34	0.27
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.27	1.90
tblVehicleEF	MDV	3.24	2.66
tblVehicleEF	MDV	597.13	567.14
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.33	0.26
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.07	0.05

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tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.28	0.22
tblVehicleEF	MDV	5.9950e-003	5.6890e-003
tblVehicleEF	MDV	1.2020e-003	1.1400e-003
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.30	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.07	1.72
tblVehicleEF	MDV	3.90	3.20
tblVehicleEF	MDV	562.74	534.52
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.24	0.19
tblVehicleEF	MDV	0.37	0.29
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.20	0.18
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.07	0.05

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tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.32	0.25
tblVehicleEF	MDV	5.6490e-003	5.3610e-003
tblVehicleEF	MDV	1.2130e-003	1.1500e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.20	0.18
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.35	0.28
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.33	3.53
tblVehicleEF	MH	8.75	7.14
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.46	1.26
tblVehicleEF	MH	1.00	0.90
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003
tblVehicleEF	MH	1.42	1.18
tblVehicleEF	MH	0.10	0.08

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tblVehicleEF	MH	0.58	0.49
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.57	0.43
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.4900e-004	7.6200e-004
tblVehicleEF	MH	1.42	1.18
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.58	0.49
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.62	0.47
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.34	3.59
tblVehicleEF	MH	8.26	6.72
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.33	1.15
tblVehicleEF	MH	0.95	0.86
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003

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tblVehicleEF	MH	2.11	1.74
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.84	0.71
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.54	0.41
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.4100e-004	7.5500e-004
tblVehicleEF	MH	2.11	1.74
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.84	0.71
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.59	0.45
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.32	3.51
tblVehicleEF	MH	8.81	7.19
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.43	1.23
tblVehicleEF	MH	1.01	0.91
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003

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tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003
tblVehicleEF	MH	1.64	1.35
tblVehicleEF	MH	0.13	0.10
tblVehicleEF	MH	0.61	0.51
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.57	0.43
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.5100e-004	7.6300e-004
tblVehicleEF	MH	1.64	1.35
tblVehicleEF	MH	0.13	0.10
tblVehicleEF	MH	0.61	0.51
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.63	0.47
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.6590e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.52	0.44
tblVehicleEF	MHD	0.97	0.61
tblVehicleEF	MHD	9.10	7.49
tblVehicleEF	MHD	131.26	133.10
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.07	0.81

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tblVehicleEF	MHD	2.94	1.86
tblVehicleEF	MHD	9.72	9.86
tblVehicleEF	MHD	4.4680e-003	2.2420e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	4.2750e-003	2.1450e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	1.6210e-003	1.3410e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	9.7000e-004	8.3700e-004
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.56	0.46
tblVehicleEF	MHD	1.2660e-003	1.2830e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.5000e-004	7.8800e-004
tblVehicleEF	MHD	1.6210e-003	1.3410e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	9.7000e-004	8.3700e-004
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.62	0.50
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.7760e-003

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tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.37	0.32
tblVehicleEF	MHD	0.98	0.62
tblVehicleEF	MHD	8.64	7.11
tblVehicleEF	MHD	139.02	140.97
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.10	0.84
tblVehicleEF	MHD	2.77	1.75
tblVehicleEF	MHD	9.66	9.81
tblVehicleEF	MHD	3.7670e-003	1.8900e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	3.6040e-003	1.8090e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	2.4460e-003	2.0150e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.4100e-003	1.1980e-003
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.54	0.44
tblVehicleEF	MHD	1.3390e-003	1.3570e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.4200e-004	7.8100e-004

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tblVehicleEF	MHD	2.4460e-003	2.0150e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	1.4100e-003	1.1980e-003
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.59	0.48
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.6270e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.71	0.61
tblVehicleEF	MHD	0.97	0.61
tblVehicleEF	MHD	9.18	7.56
tblVehicleEF	MHD	120.53	122.21
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.02	0.78
tblVehicleEF	MHD	2.88	1.83
tblVehicleEF	MHD	9.73	9.87
tblVehicleEF	MHD	5.4370e-003	2.7290e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	5.2020e-003	2.6110e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	1.7380e-003	1.4110e-003

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tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	9.6300e-004	8.2400e-004
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.57	0.46
tblVehicleEF	MHD	1.1650e-003	1.1810e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.5100e-004	7.8900e-004
tblVehicleEF	MHD	1.7380e-003	1.4110e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	9.6300e-004	8.2400e-004
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.62	0.51
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.30	0.29
tblVehicleEF	OBUS	0.91	0.68
tblVehicleEF	OBUS	6.92	6.09
tblVehicleEF	OBUS	108.10	110.73
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.72	0.65

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tblVehicleEF	OBUS	2.47	2.05
tblVehicleEF	OBUS	2.71	2.66
tblVehicleEF	OBUS	4.2400e-004	3.0000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	4.0500e-004	2.8700e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	1.5910e-003	1.4950e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	8.0300e-004	7.8100e-004
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.44	0.38
tblVehicleEF	OBUS	1.0440e-003	1.0690e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2500e-004	7.9500e-004
tblVehicleEF	OBUS	1.5910e-003	1.4950e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	8.0300e-004	7.8100e-004
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01

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tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.28	0.27
tblVehicleEF	OBUS	0.92	0.69
tblVehicleEF	OBUS	6.54	5.75
tblVehicleEF	OBUS	113.50	116.31
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.74	0.67
tblVehicleEF	OBUS	2.33	1.93
tblVehicleEF	OBUS	2.66	2.62
tblVehicleEF	OBUS	3.5700e-004	2.5300e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	3.4200e-004	2.4200e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	2.3340e-003	2.1920e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.1530e-003	1.1100e-003
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.42	0.37
tblVehicleEF	OBUS	1.0950e-003	1.1220e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1900e-004	7.9000e-004

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tblVehicleEF	OBUS	2.3340e-003	2.1920e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	1.1530e-003	1.1100e-003
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.46	0.40
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.32	0.31
tblVehicleEF	OBUS	0.90	0.68
tblVehicleEF	OBUS	6.99	6.15
tblVehicleEF	OBUS	100.63	103.03
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.69	0.62
tblVehicleEF	OBUS	2.43	2.02
tblVehicleEF	OBUS	2.72	2.67
tblVehicleEF	OBUS	5.1500e-004	3.6500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	4.9300e-004	3.4900e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	1.6850e-003	1.5550e-003

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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	7.9100e-004	7.6300e-004
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.44	0.39
tblVehicleEF	OBUS	9.7200e-004	9.9500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2700e-004	7.9600e-004
tblVehicleEF	OBUS	1.6850e-003	1.5550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	7.9100e-004	7.6300e-004
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	7.49	7.89
tblVehicleEF	SBUS	0.99	0.84
tblVehicleEF	SBUS	7.98	7.67
tblVehicleEF	SBUS	1,186.50	1,153.25
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	12.11	10.62

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tblVehicleEF	SBUS	5.77	4.93
tblVehicleEF	SBUS	13.39	12.73
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	3.7610e-003	3.4480e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.91	0.96
tblVehicleEF	SBUS	1.6760e-003	1.6800e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.42	0.40
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.2500e-004	6.5300e-004
tblVehicleEF	SBUS	3.7610e-003	3.4480e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.31	1.38
tblVehicleEF	SBUS	1.6760e-003	1.6800e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.46	0.44

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tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	0.06
tblVehicleEF	SBUS	7.34	7.76
tblVehicleEF	SBUS	1.01	0.86
tblVehicleEF	SBUS	6.47	6.22
tblVehicleEF	SBUS	1,242.73	1,206.53
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	12.50	10.96
tblVehicleEF	SBUS	5.44	4.65
tblVehicleEF	SBUS	13.36	12.69
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.01	9.8410e-003
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	5.5520e-003	5.0870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.91	0.95
tblVehicleEF	SBUS	2.4450e-003	2.4200e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.01

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tblVehicleEF	SBUS	0.37	0.36
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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.9900e-004	6.2900e-004
tblVehicleEF	SBUS	5.5520e-003	5.0870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.30	1.37
tblVehicleEF	SBUS	2.4450e-003	2.4200e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.41	0.39
tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	7.71	8.07
tblVehicleEF	SBUS	0.99	0.84
tblVehicleEF	SBUS	8.24	7.93
tblVehicleEF	SBUS	1,108.84	1,079.68
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	11.58	10.15
tblVehicleEF	SBUS	5.67	4.85
tblVehicleEF	SBUS	13.40	12.73
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03

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tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	4.1100e-003	3.6280e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.92	0.96
tblVehicleEF	SBUS	1.6450e-003	1.6230e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.43	0.41
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.2900e-004	6.5700e-004
tblVehicleEF	SBUS	4.1100e-003	3.6280e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.31	1.38
tblVehicleEF	SBUS	1.6450e-003	1.6230e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.47	0.45
tblVehicleEF	UBUS	3.26	2.95
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	13.77	12.36
tblVehicleEF	UBUS	8.86	8.85
tblVehicleEF	UBUS	2,060.73	2,008.92

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tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	13.47	11.49
tblVehicleEF	UBUS	16.66	15.98
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	4.2490e-003	4.1600e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	2.3080e-003	2.3210e-003
tblVehicleEF	UBUS	1.11	0.96
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.65	0.66
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.4500e-004	1.0390e-003
tblVehicleEF	UBUS	4.2490e-003	4.1600e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	2.3080e-003	2.3210e-003
tblVehicleEF	UBUS	4.50	4.03
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.71	0.72
tblVehicleEF	UBUS	3.27	2.95
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	13.82	12.41

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tblVehicleEF	UBUS	7.68	7.66
tblVehicleEF	UBUS	2,060.73	2,008.92
tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	12.70	10.84
tblVehicleEF	UBUS	16.62	15.93
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	6.0530e-003	5.9230e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	3.1970e-003	3.1960e-003
tblVehicleEF	UBUS	1.12	0.97
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.59	0.60
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.2500e-004	1.0190e-003
tblVehicleEF	UBUS	6.0530e-003	5.9230e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	3.1970e-003	3.1960e-003
tblVehicleEF	UBUS	4.51	4.04
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.65	0.66
tblVehicleEF	UBUS	3.26	2.95

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tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	13.76	12.34
tblVehicleEF	UBUS	9.07	9.07
tblVehicleEF	UBUS	2,060.73	2,008.92
tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	13.21	11.27
tblVehicleEF	UBUS	16.67	15.99
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	4.9340e-003	4.7740e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	2.4730e-003	2.4590e-003
tblVehicleEF	UBUS	1.10	0.96
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.66	0.67
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.4900e-004	1.0430e-003
tblVehicleEF	UBUS	4.9340e-003	4.7740e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	2.4730e-003	2.4590e-003
tblVehicleEF	UBUS	4.50	4.02
tblVehicleEF	UBUS	0.02	0.03

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tblVehicleEF	UBUS	0.72	0.74
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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.1089	1.1758	0.7573	1.5800e-003	0.0321	0.0615	0.0936	6.8300e-003	0.0566	0.0635	0.0000	145.3084	145.3084	0.0342	0.0000	146.1621
Maximum	0.1089	1.1758	0.7573	1.5800e-003	0.0321	0.0615	0.0936	6.8300e-003	0.0566	0.0635	0.0000	145.3084	145.3084	0.0342	0.0000	146.1621

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.1089	1.1758	0.7573	1.5800e-003	0.0246	0.0615	0.0861	6.0200e-003	0.0566	0.0626	0.0000	145.3083	145.3083	0.0342	0.0000	146.1620
Maximum	0.1089	1.1758	0.7573	1.5800e-003	0.0246	0.0615	0.0861	6.0200e-003	0.0566	0.0626	0.0000	145.3083	145.3083	0.0342	0.0000	146.1620

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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	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	23.37	0.00	8.02	11.86	0.00	1.29	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2018	3-31-2018	0.6793	0.6793
2	4-1-2018	6-30-2018	0.4591	0.4591
3	7-1-2018	9-30-2018	0.1254	0.1254
		Highest	0.6793	0.6793

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	1.2800e-003	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.2000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	23.4369	23.4369	5.5000e-004	1.1000e-004	23.4849
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2800e-003	0.0000	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	23.4373	23.4373	5.5000e-004	1.1000e-004	23.4853

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.2800e-003	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.2000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	23.4369	23.4369	5.5000e-004	1.1000e-004	23.4849
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2800e-003	0.0000	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	23.4373	23.4373	5.5000e-004	1.1000e-004	23.4853

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation Bridge	Site Preparation	1/1/2018	3/2/2018	5	45	
2	Building Construction Bridge	Building Construction	3/3/2018	7/20/2018	5	100	
3	Paving Bridge	Paving	7/21/2018	7/27/2018	5	5	

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Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.37

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

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving Bridge	Paving Equipment	1	6.00	9	0.56
Site Preparation Bridge	Bore/Drill Rigs	1	8.00	187	0.41
Site Preparation Bridge	Rubber Tired Loaders	2	8.00	97	0.37
Building Construction Bridge	Cranes	1	4.00	231	0.29
Building Construction Bridge	Forklifts	1	6.00	89	0.20
Paving Bridge	Pavers	1	7.00	130	0.42
Paving Bridge	Cement and Mortar Mixers	4	6.00	9	0.56
Paving Bridge	Rollers	1	7.00	80	0.38
Site Preparation Bridge	Graders	1	8.00	187	0.41
Site Preparation Bridge	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction Bridge	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving Bridge	Tractors/Loaders/Backhoes	1	7.00	97	0.37

Trips and VMT

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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
Site Preparation Bridge	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction Bridge	4	15.00	25.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving Bridge	8	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Soil Stabilizer
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation Bridge - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0119	0.0000	0.0119	1.2900e-003	0.0000	1.2900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0470	0.4996	0.2958	5.7000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	52.2751	52.2751	0.0163	0.0000	52.6819
Total	0.0470	0.4996	0.2958	5.7000e-004	0.0119	0.0283	0.0402	1.2900e-003	0.0260	0.0273	0.0000	52.2751	52.2751	0.0163	0.0000	52.6819

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3.2 Site Preparation Bridge - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8700e-003	1.6000e-003	0.0172	4.0000e-005	3.7000e-003	3.0000e-005	3.7300e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.6747	3.6747	1.4000e-004	0.0000	3.6781
Total	1.8700e-003	1.6000e-003	0.0172	4.0000e-005	3.7000e-003	3.0000e-005	3.7300e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.6747	3.6747	1.4000e-004	0.0000	3.6781

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.4200e-003	0.0000	4.4200e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0470	0.4996	0.2958	5.7000e-004		0.0283	0.0283		0.0260	0.0260	0.0000	52.2750	52.2750	0.0163	0.0000	52.6819
Total	0.0470	0.4996	0.2958	5.7000e-004	4.4200e-003	0.0283	0.0327	4.8000e-004	0.0260	0.0265	0.0000	52.2750	52.2750	0.0163	0.0000	52.6819

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3.2 Site Preparation Bridge - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8700e-003	1.6000e-003	0.0172	4.0000e-005	3.7000e-003	3.0000e-005	3.7300e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.6747	3.6747	1.4000e-004	0.0000	3.6781
Total	1.8700e-003	1.6000e-003	0.0172	4.0000e-005	3.7000e-003	3.0000e-005	3.7300e-003	9.8000e-004	3.0000e-005	1.0100e-003	0.0000	3.6747	3.6747	1.4000e-004	0.0000	3.6781

3.3 Building Construction Bridge - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0476	0.4925	0.3421	5.1000e-004		0.0307	0.0307		0.0283	0.0283	0.0000	46.7741	46.7741	0.0146	0.0000	47.1381
Total	0.0476	0.4925	0.3421	5.1000e-004		0.0307	0.0307		0.0283	0.0283	0.0000	46.7741	46.7741	0.0146	0.0000	47.1381

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3.3 Building Construction Bridge - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8600e-003	0.1565	0.0440	3.3000e-004	7.8700e-003	1.0900e-003	8.9600e-003	2.2700e-003	1.0400e-003	3.3100e-003	0.0000	31.5833	31.5833	2.1700e-003	0.0000	31.6375
Worker	4.1600e-003	3.5600e-003	0.0382	9.0000e-005	8.2200e-003	7.0000e-005	8.2900e-003	2.1800e-003	7.0000e-005	2.2500e-003	0.0000	8.1660	8.1660	3.1000e-004	0.0000	8.1736
Total	0.0100	0.1601	0.0823	4.2000e-004	0.0161	1.1600e-003	0.0173	4.4500e-003	1.1100e-003	5.5600e-003	0.0000	39.7493	39.7493	2.4800e-003	0.0000	39.8111

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0476	0.4925	0.3421	5.1000e-004		0.0307	0.0307		0.0283	0.0283	0.0000	46.7740	46.7740	0.0146	0.0000	47.1380
Total	0.0476	0.4925	0.3421	5.1000e-004		0.0307	0.0307		0.0283	0.0283	0.0000	46.7740	46.7740	0.0146	0.0000	47.1380

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3.3 Building Construction Bridge - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8600e-003	0.1565	0.0440	3.3000e-004	7.8700e-003	1.0900e-003	8.9600e-003	2.2700e-003	1.0400e-003	3.3100e-003	0.0000	31.5833	31.5833	2.1700e-003	0.0000	31.6375
Worker	4.1600e-003	3.5600e-003	0.0382	9.0000e-005	8.2200e-003	7.0000e-005	8.2900e-003	2.1800e-003	7.0000e-005	2.2500e-003	0.0000	8.1660	8.1660	3.1000e-004	0.0000	8.1736
Total	0.0100	0.1601	0.0823	4.2000e-004	0.0161	1.1600e-003	0.0173	4.4500e-003	1.1100e-003	5.5600e-003	0.0000	39.7493	39.7493	2.4800e-003	0.0000	39.8111

3.4 Paving Bridge - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.3000e-003	0.0219	0.0181	3.0000e-005		1.2800e-003	1.2800e-003		1.1800e-003	1.1800e-003	0.0000	2.4270	2.4270	6.8000e-004	0.0000	2.4441
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.3000e-003	0.0219	0.0181	3.0000e-005		1.2800e-003	1.2800e-003		1.1800e-003	1.1800e-003	0.0000	2.4270	2.4270	6.8000e-004	0.0000	2.4441

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3.4 Paving Bridge - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.8000e-004	1.9100e-003	0.0000	4.1000e-004	0.0000	4.1000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.4083	0.4083	2.0000e-005	0.0000	0.4087
Total	2.1000e-004	1.8000e-004	1.9100e-003	0.0000	4.1000e-004	0.0000	4.1000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.4083	0.4083	2.0000e-005	0.0000	0.4087

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.3000e-003	0.0219	0.0181	3.0000e-005		1.2800e-003	1.2800e-003		1.1800e-003	1.1800e-003	0.0000	2.4270	2.4270	6.8000e-004	0.0000	2.4441
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.3000e-003	0.0219	0.0181	3.0000e-005		1.2800e-003	1.2800e-003		1.1800e-003	1.1800e-003	0.0000	2.4270	2.4270	6.8000e-004	0.0000	2.4441

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3.4 Paving Bridge - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.1000e-004	1.8000e-004	1.9100e-003	0.0000	4.1000e-004	0.0000	4.1000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.4083	0.4083	2.0000e-005	0.0000	0.4087
Total	2.1000e-004	1.8000e-004	1.9100e-003	0.0000	4.1000e-004	0.0000	4.1000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.4083	0.4083	2.0000e-005	0.0000	0.4087

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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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	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Unenclosed Parking Structure	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

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
Unenclosed Parking Structure	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unenclosed Parking Structure	0.547972	0.046127	0.199330	0.125604	0.017697	0.005953	0.018360	0.027618	0.002341	0.002583	0.004804	0.000667	0.000944

5.0 Energy Detail

Historical Energy Use: N

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5.2 Energy by Land Use - Natural Gas

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					
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unenclosed Parking Structure	42080	23.4369	5.5000e-004	1.1000e-004	23.4849
Total		23.4369	5.5000e-004	1.1000e-004	23.4849

Del Rey Pointe Bridge - Los Angeles-South Coast County, Annual

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Unenclosed Parking Structure	42080	23.4369	5.5000e-004	1.1000e-004	23.4849
Total		23.4369	5.5000e-004	1.1000e-004	23.4849

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	1.2800e-003	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.2000e-004
Unmitigated	1.2800e-003	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.2000e-004

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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	2.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.2000e-004
Total	1.2700e-003	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.2000e-004

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	2.2000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.0300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.2000e-004
Total	1.2700e-003	0.0000	2.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.0000e-004	4.0000e-004	0.0000	0.0000	4.2000e-004

7.0 Water Detail

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7.1 Mitigation Measures Water

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

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Unenclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

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

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8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Unenclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Del Rey Pointe - Los Angeles-South Coast County, Summer

Del Rey Pointe
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	236.00	Dwelling Unit	2.98	262,927.00	675

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2018
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Del Rey Pointe - Los Angeles-South Coast County, Summer

Project Characteristics -

Land Use - Based on project description.

Construction Phase - Based off of project description.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Information provided by client.

Off-road Equipment -

Off-road Equipment - Minimal on-site asphalt.

Off-road Equipment -

Trips and VMT -

Grading - 31,430 cubic yards of export based on project description.

Architectural Coating - Based on project description.

Woodstoves - Unit layouts do not include gas or wood fireplaces. No wood burning stoves.

Area Coating - Project total SF is 262,927.

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas 3x daily, limit unpaved road speed to 15mph, replace groundcover, and use of soil stabilizers required by Rule 403.

Mobile Land Use Mitigation - 35 of the 236 units are to be restricted to low income households.

Area Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Vehicle Trips -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	177,476.00	262,927.00
tblArchitecturalCoating	ConstArea_Residential_Interior	532,427.00	262,927.00
tblAreaCoating	Area_Residential_Exterior	177476	262927
tblAreaCoating	Area_Residential_Interior	532427	262927
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	220.00	392.00
tblConstructionPhase	NumDays	6.00	14.00
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	3.00	29.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	200.60	0.00
tblFireplaces	NumberNoFireplace	23.60	0.00
tblFireplaces	NumberWood	11.80	0.00
tblGrading	AcresOfGrading	7.00	2.98
tblGrading	AcresOfGrading	43.50	2.98
tblGrading	MaterialExported	0.00	31,430.00
tblLandUse	BuildingSpaceSquareFeet	236,000.00	262,927.00
tblLandUse	LandUseSquareFeet	236,000.00	262,927.00
tblLandUse	LotAcreage	6.21	2.98
tblVehicleEF	HHD	0.76	0.68
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	3.21	2.75
tblVehicleEF	HHD	1.20	1.17
tblVehicleEF	HHD	3.93	3.50
tblVehicleEF	HHD	4,772.37	4,770.40
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	25.66	22.90

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	HHD	5.29	4.59
tblVehicleEF	HHD	19.58	19.58
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	1.6300e-004	1.2200e-004
tblVehicleEF	HHD	8.3110e-003	5.6590e-003
tblVehicleEF	HHD	0.81	0.69
tblVehicleEF	HHD	1.1700e-004	9.1000e-005
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	7.0400e-004	4.9400e-004
tblVehicleEF	HHD	0.14	0.10
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8300e-004	1.6600e-004
tblVehicleEF	HHD	1.6300e-004	1.2200e-004
tblVehicleEF	HHD	8.3110e-003	5.6590e-003
tblVehicleEF	HHD	0.94	0.80
tblVehicleEF	HHD	1.1700e-004	9.1000e-005
tblVehicleEF	HHD	0.29	0.27

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	HHD	7.0400e-004	4.9400e-004
tblVehicleEF	HHD	0.15	0.11
tblVehicleEF	HHD	0.71	0.64
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.12	0.09
tblVehicleEF	HHD	2.34	2.00
tblVehicleEF	HHD	1.21	1.17
tblVehicleEF	HHD	3.74	3.33
tblVehicleEF	HHD	5,051.49	5,051.17
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	26.47	23.63
tblVehicleEF	HHD	5.00	4.34
tblVehicleEF	HHD	19.57	19.57
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	2.5500e-004	1.8800e-004
tblVehicleEF	HHD	8.4680e-003	5.7950e-003

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tblVehicleEF	HHD	0.76	0.65
tblVehicleEF	HHD	1.7600e-004	1.3300e-004
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	6.9300e-004	4.8300e-004
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8000e-004	1.6300e-004
tblVehicleEF	HHD	2.5500e-004	1.8800e-004
tblVehicleEF	HHD	8.4680e-003	5.7950e-003
tblVehicleEF	HHD	0.89	0.76
tblVehicleEF	HHD	1.7600e-004	1.3300e-004
tblVehicleEF	HHD	0.29	0.27
tblVehicleEF	HHD	6.9300e-004	4.8300e-004
tblVehicleEF	HHD	0.14	0.11
tblVehicleEF	HHD	0.81	0.73
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	4.40	3.78
tblVehicleEF	HHD	1.20	1.16
tblVehicleEF	HHD	3.96	3.53
tblVehicleEF	HHD	4,386.91	4,382.68
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	24.53	21.89
tblVehicleEF	HHD	5.20	4.51

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tblVehicleEF	HHD	19.59	19.58
tblVehicleEF	HHD	0.04	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.04	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	1.6900e-004	1.2200e-004
tblVehicleEF	HHD	9.7550e-003	6.2650e-003
tblVehicleEF	HHD	0.87	0.74
tblVehicleEF	HHD	1.1600e-004	8.8000e-005
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	7.5400e-004	5.3300e-004
tblVehicleEF	HHD	0.14	0.10
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8400e-004	1.6700e-004
tblVehicleEF	HHD	1.6900e-004	1.2200e-004
tblVehicleEF	HHD	9.7550e-003	6.2650e-003
tblVehicleEF	HHD	1.01	0.86
tblVehicleEF	HHD	1.1600e-004	8.8000e-005
tblVehicleEF	HHD	0.29	0.27
tblVehicleEF	HHD	7.5400e-004	5.3300e-004

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tblVehicleEF	HHD	0.15	0.11
tblVehicleEF	LDA	8.3350e-003	6.5530e-003
tblVehicleEF	LDA	9.7470e-003	7.1270e-003
tblVehicleEF	LDA	0.93	0.76
tblVehicleEF	LDA	1.81	1.42
tblVehicleEF	LDA	319.38	296.37
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.08	0.06
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.13	0.10
tblVehicleEF	LDA	3.2020e-003	2.9700e-003
tblVehicleEF	LDA	6.8200e-004	6.3700e-004
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.05	0.04

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tblVehicleEF	LDA	0.14	0.11
tblVehicleEF	LDA	8.8220e-003	6.9520e-003
tblVehicleEF	LDA	8.6480e-003	6.3260e-003
tblVehicleEF	LDA	1.02	0.83
tblVehicleEF	LDA	1.54	1.21
tblVehicleEF	LDA	334.26	310.18
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.11	0.08
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	0.15	0.12
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	3.3520e-003	3.1090e-003
tblVehicleEF	LDA	6.7800e-004	6.3300e-004
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	0.15	0.12
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.05	0.04

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tblVehicleEF	LDA	0.13	0.09
tblVehicleEF	LDA	8.1700e-003	6.4200e-003
tblVehicleEF	LDA	9.9770e-003	7.2950e-003
tblVehicleEF	LDA	0.90	0.73
tblVehicleEF	LDA	1.86	1.46
tblVehicleEF	LDA	313.94	291.32
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.08	0.06
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.13	0.10
tblVehicleEF	LDA	3.1470e-003	2.9190e-003
tblVehicleEF	LDA	6.8300e-004	6.3800e-004
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.06	0.05

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tblVehicleEF	LDA	0.15	0.11
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.49	2.02
tblVehicleEF	LDT1	4.24	3.43
tblVehicleEF	LDT1	379.11	360.63
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.35	0.30
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	0.31	0.24
tblVehicleEF	LDT1	3.8260e-003	3.6330e-003
tblVehicleEF	LDT1	8.3700e-004	7.9100e-004
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.35	0.30
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.22	0.19

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tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.68	2.18
tblVehicleEF	LDT1	3.60	2.91
tblVehicleEF	LDT1	395.47	376.30
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.21	0.17
tblVehicleEF	LDT1	0.23	0.18
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT1	0.19	0.17
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.20	0.18
tblVehicleEF	LDT1	0.27	0.21
tblVehicleEF	LDT1	3.9920e-003	3.7920e-003
tblVehicleEF	LDT1	8.2600e-004	7.8200e-004
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT1	0.19	0.17
tblVehicleEF	LDT1	0.10	0.07
tblVehicleEF	LDT1	0.20	0.18

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tblVehicleEF	LDT1	0.30	0.23
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.42	1.96
tblVehicleEF	LDT1	4.38	3.54
tblVehicleEF	LDT1	373.10	354.88
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.40	0.35
tblVehicleEF	LDT1	0.13	0.11
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.32	0.25
tblVehicleEF	LDT1	3.7650e-003	3.5750e-003
tblVehicleEF	LDT1	8.4000e-004	7.9300e-004
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.40	0.35
tblVehicleEF	LDT1	0.13	0.11
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.26	0.23

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tblVehicleEF	LDT1	0.35	0.27
tblVehicleEF	LDT2	0.01	8.6320e-003
tblVehicleEF	LDT2	0.01	8.2970e-003
tblVehicleEF	LDT2	1.22	0.97
tblVehicleEF	LDT2	2.19	1.67
tblVehicleEF	LDT2	433.60	408.00
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.13	0.10
tblVehicleEF	LDT2	0.20	0.14
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	4.3480e-003	4.0880e-003
tblVehicleEF	LDT2	9.1600e-004	8.6100e-004
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.08	0.07

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tblVehicleEF	LDT2	0.17	0.12
tblVehicleEF	LDT2	0.01	9.1430e-003
tblVehicleEF	LDT2	0.01	7.3790e-003
tblVehicleEF	LDT2	1.33	1.07
tblVehicleEF	LDT2	1.87	1.43
tblVehicleEF	LDT2	453.06	426.32
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.12	0.09
tblVehicleEF	LDT2	0.19	0.13
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.15	0.12
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.14	0.10
tblVehicleEF	LDT2	4.5440e-003	4.2730e-003
tblVehicleEF	LDT2	9.1000e-004	8.5600e-004
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.15	0.12
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.07	0.06

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tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	0.01	8.4620e-003
tblVehicleEF	LDT2	0.01	8.4930e-003
tblVehicleEF	LDT2	1.18	0.94
tblVehicleEF	LDT2	2.26	1.73
tblVehicleEF	LDT2	426.45	401.27
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.13	0.10
tblVehicleEF	LDT2	0.21	0.15
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.16	0.11
tblVehicleEF	LDT2	4.2760e-003	4.0210e-003
tblVehicleEF	LDT2	9.1700e-004	8.6200e-004
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.09	0.08

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tblVehicleEF	LDT2	0.17	0.13
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.36	1.07
tblVehicleEF	LHD1	3.84	3.29
tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.35	1.15
tblVehicleEF	LHD1	1.23	1.13
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003
tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	3.7800e-003	3.4680e-003
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1720e-003	2.0560e-003
tblVehicleEF	LHD1	0.09	0.07

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tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	0.38	0.32
tblVehicleEF	LHD1	6.3470e-003	6.1270e-003
tblVehicleEF	LHD1	4.5700e-004	4.2000e-004
tblVehicleEF	LHD1	3.7800e-003	3.4680e-003
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.1720e-003	2.0560e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	0.41	0.35
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.38	1.08
tblVehicleEF	LHD1	3.66	3.14
tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.26	1.07
tblVehicleEF	LHD1	1.18	1.08
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003

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tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	5.6970e-003	5.2080e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.1190e-003	2.9180e-003
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.33	0.32
tblVehicleEF	LHD1	0.36	0.31
tblVehicleEF	LHD1	6.3480e-003	6.1280e-003
tblVehicleEF	LHD1	4.5400e-004	4.1700e-004
tblVehicleEF	LHD1	5.6970e-003	5.2080e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.1190e-003	2.9180e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.33	0.32
tblVehicleEF	LHD1	0.40	0.34
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.36	1.06
tblVehicleEF	LHD1	3.86	3.32

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tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.32	1.13
tblVehicleEF	LHD1	1.24	1.14
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003
tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	4.0690e-003	3.6860e-003
tblVehicleEF	LHD1	0.14	0.13
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1590e-003	2.0330e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.37	0.35
tblVehicleEF	LHD1	0.38	0.32
tblVehicleEF	LHD1	6.3470e-003	6.1270e-003
tblVehicleEF	LHD1	4.5800e-004	4.2100e-004
tblVehicleEF	LHD1	4.0690e-003	3.6860e-003
tblVehicleEF	LHD1	0.14	0.13
tblVehicleEF	LHD1	0.03	0.03

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tblVehicleEF	LHD1	2.1590e-003	2.0330e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.37	0.35
tblVehicleEF	LHD1	0.41	0.36
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003
tblVehicleEF	LHD2	8.3250e-003	5.8620e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	0.45
tblVehicleEF	LHD2	2.09	1.67
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.19	0.88
tblVehicleEF	LHD2	0.78	0.66
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	1.7770e-003	1.4140e-003
tblVehicleEF	LHD2	0.06	0.05

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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0440e-003	8.8000e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.14	0.11
tblVehicleEF	LHD2	0.20	0.15
tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1920e-003
tblVehicleEF	LHD2	3.6400e-004	3.3100e-004
tblVehicleEF	LHD2	1.7770e-003	1.4140e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0440e-003	8.8000e-004
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.14	0.11
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003
tblVehicleEF	LHD2	8.4650e-003	5.9540e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	0.46
tblVehicleEF	LHD2	2.00	1.60
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.12	0.83

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tblVehicleEF	LHD2	0.74	0.63
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	2.6560e-003	2.1090e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4860e-003	1.2380e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.14	0.10
tblVehicleEF	LHD2	0.19	0.15
tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1920e-003
tblVehicleEF	LHD2	3.6200e-004	3.3000e-004
tblVehicleEF	LHD2	2.6560e-003	2.1090e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4860e-003	1.2380e-003
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.14	0.10
tblVehicleEF	LHD2	0.21	0.16
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003

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tblVehicleEF	LHD2	8.2880e-003	5.8380e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.62	0.45
tblVehicleEF	LHD2	2.11	1.68
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.17	0.87
tblVehicleEF	LHD2	0.78	0.67
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	1.8890e-003	1.4720e-003
tblVehicleEF	LHD2	0.07	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0270e-003	8.5900e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.15	0.12
tblVehicleEF	LHD2	0.20	0.16

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tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1910e-003
tblVehicleEF	LHD2	3.6400e-004	3.3100e-004
tblVehicleEF	LHD2	1.8890e-003	1.4720e-003
tblVehicleEF	LHD2	0.07	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0270e-003	8.5900e-004
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.15	0.12
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	MCY	0.52	0.53
tblVehicleEF	MCY	0.15	0.15
tblVehicleEF	MCY	20.35	19.48
tblVehicleEF	MCY	9.58	9.63
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	1.14	1.13
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.09	1.07
tblVehicleEF	MCY	0.70	0.66
tblVehicleEF	MCY	0.68	0.66
tblVehicleEF	MCY	2.69	2.62

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tblVehicleEF	MCY	0.69	0.63
tblVehicleEF	MCY	2.11	2.08
tblVehicleEF	MCY	2.2800e-003	2.2730e-003
tblVehicleEF	MCY	6.8200e-004	6.7100e-004
tblVehicleEF	MCY	1.09	1.07
tblVehicleEF	MCY	0.70	0.66
tblVehicleEF	MCY	0.68	0.66
tblVehicleEF	MCY	3.31	3.25
tblVehicleEF	MCY	0.69	0.63
tblVehicleEF	MCY	2.30	2.26
tblVehicleEF	MCY	0.51	0.52
tblVehicleEF	MCY	0.14	0.14
tblVehicleEF	MCY	19.53	18.74
tblVehicleEF	MCY	8.80	8.81
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.77	1.74
tblVehicleEF	MCY	0.76	0.72
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	2.61	2.56

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	MCY	0.65	0.60
tblVehicleEF	MCY	1.87	1.85
tblVehicleEF	MCY	2.2650e-003	2.2590e-003
tblVehicleEF	MCY	6.6200e-004	6.5100e-004
tblVehicleEF	MCY	1.77	1.74
tblVehicleEF	MCY	0.76	0.72
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	3.22	3.17
tblVehicleEF	MCY	0.65	0.60
tblVehicleEF	MCY	2.04	2.01
tblVehicleEF	MCY	0.52	0.53
tblVehicleEF	MCY	0.16	0.16
tblVehicleEF	MCY	20.46	19.59
tblVehicleEF	MCY	9.71	9.76
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.19	1.17
tblVehicleEF	MCY	0.91	0.86
tblVehicleEF	MCY	0.65	0.63
tblVehicleEF	MCY	2.71	2.64

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tblVehicleEF	MCY	0.78	0.73
tblVehicleEF	MCY	2.16	2.12
tblVehicleEF	MCY	2.2820e-003	2.2750e-003
tblVehicleEF	MCY	6.8500e-004	6.7500e-004
tblVehicleEF	MCY	1.19	1.17
tblVehicleEF	MCY	0.91	0.86
tblVehicleEF	MCY	0.65	0.63
tblVehicleEF	MCY	3.32	3.26
tblVehicleEF	MCY	0.78	0.73
tblVehicleEF	MCY	2.34	2.31
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.12	1.77
tblVehicleEF	MDV	3.78	3.11
tblVehicleEF	MDV	571.96	543.27
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.24	0.19
tblVehicleEF	MDV	0.36	0.29
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.07	0.05

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.31	0.25
tblVehicleEF	MDV	5.7420e-003	5.4490e-003
tblVehicleEF	MDV	1.2110e-003	1.1480e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.34	0.27
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.27	1.90
tblVehicleEF	MDV	3.24	2.66
tblVehicleEF	MDV	597.13	567.14
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.33	0.26
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.07	0.05

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tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.28	0.22
tblVehicleEF	MDV	5.9950e-003	5.6890e-003
tblVehicleEF	MDV	1.2020e-003	1.1400e-003
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.30	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.07	1.72
tblVehicleEF	MDV	3.90	3.20
tblVehicleEF	MDV	562.74	534.52
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.24	0.19
tblVehicleEF	MDV	0.37	0.29
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.20	0.18
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.07	0.05

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tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.32	0.25
tblVehicleEF	MDV	5.6490e-003	5.3610e-003
tblVehicleEF	MDV	1.2130e-003	1.1500e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.20	0.18
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.35	0.28
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.33	3.53
tblVehicleEF	MH	8.75	7.14
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.46	1.26
tblVehicleEF	MH	1.00	0.90
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003
tblVehicleEF	MH	1.42	1.18
tblVehicleEF	MH	0.10	0.08

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tblVehicleEF	MH	0.58	0.49
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.57	0.43
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.4900e-004	7.6200e-004
tblVehicleEF	MH	1.42	1.18
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.58	0.49
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.62	0.47
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.34	3.59
tblVehicleEF	MH	8.26	6.72
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.33	1.15
tblVehicleEF	MH	0.95	0.86
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003

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tblVehicleEF	MH	2.11	1.74
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.84	0.71
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.54	0.41
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.4100e-004	7.5500e-004
tblVehicleEF	MH	2.11	1.74
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.84	0.71
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.59	0.45
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.32	3.51
tblVehicleEF	MH	8.81	7.19
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.43	1.23
tblVehicleEF	MH	1.01	0.91
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003
tblVehicleEF	MH	1.64	1.35
tblVehicleEF	MH	0.13	0.10
tblVehicleEF	MH	0.61	0.51
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.57	0.43
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.5100e-004	7.6300e-004
tblVehicleEF	MH	1.64	1.35
tblVehicleEF	MH	0.13	0.10
tblVehicleEF	MH	0.61	0.51
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.63	0.47
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.6590e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.52	0.44
tblVehicleEF	MHD	0.97	0.61
tblVehicleEF	MHD	9.10	7.49
tblVehicleEF	MHD	131.26	133.10
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.07	0.81

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tblVehicleEF	MHD	2.94	1.86
tblVehicleEF	MHD	9.72	9.86
tblVehicleEF	MHD	4.4680e-003	2.2420e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	4.2750e-003	2.1450e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	1.6210e-003	1.3410e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	9.7000e-004	8.3700e-004
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.56	0.46
tblVehicleEF	MHD	1.2660e-003	1.2830e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.5000e-004	7.8800e-004
tblVehicleEF	MHD	1.6210e-003	1.3410e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	9.7000e-004	8.3700e-004
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.62	0.50
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.7760e-003

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tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.37	0.32
tblVehicleEF	MHD	0.98	0.62
tblVehicleEF	MHD	8.64	7.11
tblVehicleEF	MHD	139.02	140.97
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.10	0.84
tblVehicleEF	MHD	2.77	1.75
tblVehicleEF	MHD	9.66	9.81
tblVehicleEF	MHD	3.7670e-003	1.8900e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	3.6040e-003	1.8090e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	2.4460e-003	2.0150e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.4100e-003	1.1980e-003
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.54	0.44
tblVehicleEF	MHD	1.3390e-003	1.3570e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.4200e-004	7.8100e-004

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tblVehicleEF	MHD	2.4460e-003	2.0150e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	1.4100e-003	1.1980e-003
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.59	0.48
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.6270e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.71	0.61
tblVehicleEF	MHD	0.97	0.61
tblVehicleEF	MHD	9.18	7.56
tblVehicleEF	MHD	120.53	122.21
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.02	0.78
tblVehicleEF	MHD	2.88	1.83
tblVehicleEF	MHD	9.73	9.87
tblVehicleEF	MHD	5.4370e-003	2.7290e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	5.2020e-003	2.6110e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	1.7380e-003	1.4110e-003

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tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	9.6300e-004	8.2400e-004
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.57	0.46
tblVehicleEF	MHD	1.1650e-003	1.1810e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.5100e-004	7.8900e-004
tblVehicleEF	MHD	1.7380e-003	1.4110e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	9.6300e-004	8.2400e-004
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.62	0.51
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.30	0.29
tblVehicleEF	OBUS	0.91	0.68
tblVehicleEF	OBUS	6.92	6.09
tblVehicleEF	OBUS	108.10	110.73
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.72	0.65

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	OBUS	2.47	2.05
tblVehicleEF	OBUS	2.71	2.66
tblVehicleEF	OBUS	4.2400e-004	3.0000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	4.0500e-004	2.8700e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	1.5910e-003	1.4950e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	8.0300e-004	7.8100e-004
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.44	0.38
tblVehicleEF	OBUS	1.0440e-003	1.0690e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2500e-004	7.9500e-004
tblVehicleEF	OBUS	1.5910e-003	1.4950e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	8.0300e-004	7.8100e-004
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.28	0.27
tblVehicleEF	OBUS	0.92	0.69
tblVehicleEF	OBUS	6.54	5.75
tblVehicleEF	OBUS	113.50	116.31
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.74	0.67
tblVehicleEF	OBUS	2.33	1.93
tblVehicleEF	OBUS	2.66	2.62
tblVehicleEF	OBUS	3.5700e-004	2.5300e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	3.4200e-004	2.4200e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	2.3340e-003	2.1920e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.1530e-003	1.1100e-003
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.42	0.37
tblVehicleEF	OBUS	1.0950e-003	1.1220e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1900e-004	7.9000e-004

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	OBUS	2.3340e-003	2.1920e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	1.1530e-003	1.1100e-003
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.46	0.40
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.32	0.31
tblVehicleEF	OBUS	0.90	0.68
tblVehicleEF	OBUS	6.99	6.15
tblVehicleEF	OBUS	100.63	103.03
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.69	0.62
tblVehicleEF	OBUS	2.43	2.02
tblVehicleEF	OBUS	2.72	2.67
tblVehicleEF	OBUS	5.1500e-004	3.6500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	4.9300e-004	3.4900e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	1.6850e-003	1.5550e-003

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	7.9100e-004	7.6300e-004
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.44	0.39
tblVehicleEF	OBUS	9.7200e-004	9.9500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2700e-004	7.9600e-004
tblVehicleEF	OBUS	1.6850e-003	1.5550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	7.9100e-004	7.6300e-004
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	7.49	7.89
tblVehicleEF	SBUS	0.99	0.84
tblVehicleEF	SBUS	7.98	7.67
tblVehicleEF	SBUS	1,186.50	1,153.25
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	12.11	10.62

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	SBUS	5.77	4.93
tblVehicleEF	SBUS	13.39	12.73
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	3.7610e-003	3.4480e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.91	0.96
tblVehicleEF	SBUS	1.6760e-003	1.6800e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.42	0.40
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.2500e-004	6.5300e-004
tblVehicleEF	SBUS	3.7610e-003	3.4480e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.31	1.38
tblVehicleEF	SBUS	1.6760e-003	1.6800e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.46	0.44

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	0.06
tblVehicleEF	SBUS	7.34	7.76
tblVehicleEF	SBUS	1.01	0.86
tblVehicleEF	SBUS	6.47	6.22
tblVehicleEF	SBUS	1,242.73	1,206.53
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	12.50	10.96
tblVehicleEF	SBUS	5.44	4.65
tblVehicleEF	SBUS	13.36	12.69
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.01	9.8410e-003
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	5.5520e-003	5.0870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.91	0.95
tblVehicleEF	SBUS	2.4450e-003	2.4200e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.01

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	SBUS	0.37	0.36
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.9900e-004	6.2900e-004
tblVehicleEF	SBUS	5.5520e-003	5.0870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.30	1.37
tblVehicleEF	SBUS	2.4450e-003	2.4200e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.41	0.39
tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	7.71	8.07
tblVehicleEF	SBUS	0.99	0.84
tblVehicleEF	SBUS	8.24	7.93
tblVehicleEF	SBUS	1,108.84	1,079.68
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	11.58	10.15
tblVehicleEF	SBUS	5.67	4.85
tblVehicleEF	SBUS	13.40	12.73
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	4.1100e-003	3.6280e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.92	0.96
tblVehicleEF	SBUS	1.6450e-003	1.6230e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.43	0.41
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.2900e-004	6.5700e-004
tblVehicleEF	SBUS	4.1100e-003	3.6280e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.31	1.38
tblVehicleEF	SBUS	1.6450e-003	1.6230e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.47	0.45
tblVehicleEF	UBUS	3.26	2.95
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	13.77	12.36
tblVehicleEF	UBUS	8.86	8.85
tblVehicleEF	UBUS	2,060.73	2,008.92

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tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	13.47	11.49
tblVehicleEF	UBUS	16.66	15.98
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	4.2490e-003	4.1600e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	2.3080e-003	2.3210e-003
tblVehicleEF	UBUS	1.11	0.96
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.65	0.66
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.4500e-004	1.0390e-003
tblVehicleEF	UBUS	4.2490e-003	4.1600e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	2.3080e-003	2.3210e-003
tblVehicleEF	UBUS	4.50	4.03
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.71	0.72
tblVehicleEF	UBUS	3.27	2.95
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	13.82	12.41

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tblVehicleEF	UBUS	7.68	7.66
tblVehicleEF	UBUS	2,060.73	2,008.92
tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	12.70	10.84
tblVehicleEF	UBUS	16.62	15.93
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	6.0530e-003	5.9230e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	3.1970e-003	3.1960e-003
tblVehicleEF	UBUS	1.12	0.97
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.59	0.60
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.2500e-004	1.0190e-003
tblVehicleEF	UBUS	6.0530e-003	5.9230e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	3.1970e-003	3.1960e-003
tblVehicleEF	UBUS	4.51	4.04
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.65	0.66
tblVehicleEF	UBUS	3.26	2.95

Del Rey Pointe - Los Angeles-South Coast County, Summer

tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	13.76	12.34
tblVehicleEF	UBUS	9.07	9.07
tblVehicleEF	UBUS	2,060.73	2,008.92
tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	13.21	11.27
tblVehicleEF	UBUS	16.67	15.99
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	4.9340e-003	4.7740e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	2.4730e-003	2.4590e-003
tblVehicleEF	UBUS	1.10	0.96
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.66	0.67
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.4900e-004	1.0430e-003
tblVehicleEF	UBUS	4.9340e-003	4.7740e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	2.4730e-003	2.4590e-003
tblVehicleEF	UBUS	4.50	4.02
tblVehicleEF	UBUS	0.02	0.03

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tblVehicleEF	UBUS	0.72	0.74
tblWoodstoves	NumberCatalytic	11.80	0.00
tblWoodstoves	NumberNoncatalytic	11.80	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

Del Rey Pointe - Los Angeles-South Coast County, Summer

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	3.9669	67.4231	25.7373	0.1353	6.3596	1.2960	7.5289	3.3642	1.2414	4.4400	0.0000	14,431.7761	14,431.7761	1.5889	0.0000	14,471.4981
2019	3.5112	22.4277	24.2190	0.0523	2.0603	1.1250	3.1852	0.5500	1.0777	1.6277	0.0000	5,071.2019	5,071.2019	0.5965	0.0000	5,086.1143
2020	28.7397	20.6495	23.0373	0.0516	2.0603	0.9766	3.0368	0.5500	0.9355	1.4855	0.0000	4,980.8413	4,980.8413	0.5699	0.0000	4,995.0875
Maximum	28.7397	67.4231	25.7373	0.1353	6.3596	1.2960	7.5289	3.3642	1.2414	4.4400	0.0000	14,431.7761	14,431.7761	1.5889	0.0000	14,471.4981

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	3.9669	67.4231	25.7373	0.1353	2.5439	1.2960	3.6652	1.2651	1.2414	2.3409	0.0000	14,431.7761	14,431.7761	1.5889	0.0000	14,471.4981
2019	3.5112	22.4277	24.2190	0.0523	2.0603	1.1250	3.1852	0.5500	1.0777	1.6277	0.0000	5,071.2019	5,071.2019	0.5965	0.0000	5,086.1143
2020	28.7397	20.6495	23.0373	0.0516	2.0603	0.9766	3.0368	0.5500	0.9355	1.4855	0.0000	4,980.8413	4,980.8413	0.5699	0.0000	4,995.0875
Maximum	28.7397	67.4231	25.7373	0.1353	2.5439	1.2960	3.6652	1.2651	1.2414	2.3409	0.0000	14,431.7761	14,431.7761	1.5889	0.0000	14,471.4981

Del Rey Pointe - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	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	36.41	0.00	28.10	47.02	0.00	27.79	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6.1443	0.2276	19.6080	1.0300e-003		0.1070	0.1070		0.1070	0.1070	0.0000	35.0583	35.0583	0.0347	0.0000	35.9269
Energy	0.0778	0.6650	0.2830	4.2400e-003		0.0538	0.0538		0.0538	0.0538		848.9085	848.9085	0.0163	0.0156	853.9532
Mobile	3.2864	15.1032	45.4660	0.1470	11.4038	0.1464	11.5502	3.0524	0.1373	3.1896		14,928.9701	14,928.9701	0.8249		14,949.5916
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	9.5085	15.9957	65.3569	0.1523	11.4038	0.3072	11.7110	3.0524	0.2980	3.3504	0.0000	15,812.9370	15,812.9370	0.8759	0.0156	15,839.4717

Del Rey Pointe - Los Angeles-South Coast County, Summer

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	6.1443	0.2276	19.6080	1.0300e-003		0.1070	0.1070		0.1070	0.1070	0.0000	35.0583	35.0583	0.0347	0.0000	35.9269
Energy	0.0778	0.6650	0.2830	4.2400e-003		0.0538	0.0538		0.0538	0.0538		848.9085	848.9085	0.0163	0.0156	853.9532
Mobile	3.2775	15.0464	45.2349	0.1462	11.3363	0.1456	11.4819	3.0343	0.1365	3.1708		14,844.9673	14,844.9673	0.8206		14,865.4828
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	9.4996	15.9390	65.1259	0.1514	11.3363	0.3064	11.6426	3.0343	0.2973	3.3316	0.0000	15,728.9342	15,728.9342	0.8716	0.0156	15,755.3629

	ROG	NOx	CO	SO2	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	0.09	0.35	0.35	0.55	0.59	0.26	0.58	0.59	0.25	0.56	0.00	0.53	0.53	0.48	0.00	0.53

3.0 Construction Detail

Construction Phase

Del Rey Pointe - Los Angeles-South Coast County, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/28/2018	9/6/2018	5	29	
2	Grading	Grading	9/7/2018	9/26/2018	5	14	
3	Building Construction	Building Construction	9/27/2018	3/27/2020	5	392	
4	Paving	Paving	3/28/2020	5/27/2020	5	43	
5	Architectural Coating	Architectural Coating	5/28/2020	7/27/2020	5	43	

Acres of Grading (Site Preparation Phase): 2.98

Acres of Grading (Grading Phase): 2.98

Acres of Paving: 0

Residential Indoor: 262,927; Residential Outdoor: 262,927; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Del Rey Pointe - Los Angeles-South Coast County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	3,929.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	170.00	25.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	34.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.1 Mitigation Measures Construction

- Use Soil Stabilizer
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2315	0.0000	0.2315	0.0303	0.0000	0.0303			0.0000			0.0000
Off-Road	1.8995	23.6201	12.7461	0.0245		0.9540	0.9540		0.8777	0.8777		2,468.413 1	2,468.413 1	0.7685		2,487.624 4
Total	1.8995	23.6201	12.7461	0.0245	0.2315	0.9540	1.1855	0.0303	0.8777	0.9080		2,468.413 1	2,468.413 1	0.7685		2,487.624 4

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.2 Site Preparation - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3448	43.7696	9.0566	0.1098	2.3687	0.1665	2.5352	0.6493	0.1593	0.8086		11,863.0677	11,863.0677	0.8167		11,883.4845
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0442	0.0334	0.4321	1.0100e-003	0.0894	8.0000e-004	0.0902	0.0237	7.4000e-004	0.0245		100.2952	100.2952	3.7600e-003		100.3892
Total	1.3890	43.8030	9.4887	0.1108	2.4581	0.1673	2.6254	0.6730	0.1600	0.8330		11,963.3629	11,963.3629	0.8204		11,983.8737

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0858	0.0000	0.0858	0.0112	0.0000	0.0112			0.0000			0.0000
Off-Road	1.8995	23.6201	12.7461	0.0245		0.9540	0.9540		0.8777	0.8777	0.0000	2,468.4131	2,468.4131	0.7685		2,487.6244
Total	1.8995	23.6201	12.7461	0.0245	0.0858	0.9540	1.0398	0.0112	0.8777	0.8889	0.0000	2,468.4131	2,468.4131	0.7685		2,487.6244

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.2 Site Preparation - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.3448	43.7696	9.0566	0.1098	2.3687	0.1665	2.5352	0.6493	0.1593	0.8086		11,863.0677	11,863.0677	0.8167		11,883.4845
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0442	0.0334	0.4321	1.0100e-003	0.0894	8.0000e-004	0.0902	0.0237	7.4000e-004	0.0245		100.2952	100.2952	3.7600e-003		100.3892
Total	1.3890	43.8030	9.4887	0.1108	2.4581	0.1673	2.6254	0.6730	0.1600	0.8330		11,963.3629	11,963.3629	0.8204		11,983.8737

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.2478	0.0000	6.2478	3.3346	0.0000	3.3346			0.0000			0.0000
Off-Road	2.1515	24.2895	10.3804	0.0206		1.1683	1.1683		1.0748	1.0748		2,077.4666	2,077.4666	0.6467		2,093.6352
Total	2.1515	24.2895	10.3804	0.0206	6.2478	1.1683	7.4161	3.3346	1.0748	4.4094		2,077.4666	2,077.4666	0.6467		2,093.6352

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.3 Grading - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0417	0.5401	1.2600e-003	0.1118	1.0000e-003	0.1128	0.0296	9.2000e-004	0.0306		125.3690	125.3690	4.7000e-003		125.4865
Total	0.0553	0.0417	0.5401	1.2600e-003	0.1118	1.0000e-003	0.1128	0.0296	9.2000e-004	0.0306		125.3690	125.3690	4.7000e-003		125.4865

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3148	0.0000	2.3148	1.2355	0.0000	1.2355			0.0000			0.0000
Off-Road	2.1515	24.2895	10.3804	0.0206		1.1683	1.1683		1.0748	1.0748	0.0000	2,077.4666	2,077.4666	0.6467		2,093.6352
Total	2.1515	24.2895	10.3804	0.0206	2.3148	1.1683	3.4831	1.2355	1.0748	2.3103	0.0000	2,077.4666	2,077.4666	0.6467		2,093.6352

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.3 Grading - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0553	0.0417	0.5401	1.2600e-003	0.1118	1.0000e-003	0.1128	0.0296	9.2000e-004	0.0306		125.3690	125.3690	4.7000e-003		125.4865
Total	0.0553	0.0417	0.5401	1.2600e-003	0.1118	1.0000e-003	0.1128	0.0296	9.2000e-004	0.0306		125.3690	125.3690	4.7000e-003		125.4865

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.9127	20.7077	15.7183	0.0250		1.2575	1.2575		1.2051	1.2051		2,329.7759	2,329.7759	0.5019		2,342.3232
Total	2.9127	20.7077	15.7183	0.0250		1.2575	1.2575		1.2051	1.2051		2,329.7759	2,329.7759	0.5019		2,342.3232

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.4 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1150	3.0640	0.8377	6.6100e-003	0.1600	0.0216	0.1816	0.0461	0.0207	0.0667		704.1985	704.1985	0.0464		705.3578
Worker	0.9392	0.7088	9.1813	0.0214	1.9002	0.0169	1.9171	0.5039	0.0156	0.5196		2,131.2727	2,131.2727	0.0799		2,133.2711
Total	1.0542	3.7728	10.0190	0.0280	2.0602	0.0385	2.0988	0.5500	0.0363	0.5863		2,835.4713	2,835.4713	0.1263		2,838.6289

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.9127	20.7077	15.7183	0.0250		1.2575	1.2575		1.2051	1.2051	0.0000	2,329.7759	2,329.7759	0.5019		2,342.3232
Total	2.9127	20.7077	15.7183	0.0250		1.2575	1.2575		1.2051	1.2051	0.0000	2,329.7759	2,329.7759	0.5019		2,342.3232

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.4 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1150	3.0640	0.8377	6.6100e-003	0.1600	0.0216	0.1816	0.0461	0.0207	0.0667		704.1985	704.1985	0.0464		705.3578
Worker	0.9392	0.7088	9.1813	0.0214	1.9002	0.0169	1.9171	0.5039	0.0156	0.5196		2,131.2727	2,131.2727	0.0799		2,133.2711
Total	1.0542	3.7728	10.0190	0.0280	2.0602	0.0385	2.0988	0.5500	0.0363	0.5863		2,835.4713	2,835.4713	0.1263		2,838.6289

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5581	18.9103	15.2545	0.0250		1.0901	1.0901		1.0449	1.0449		2,312.1454	2,312.1454	0.4810		2,324.1705
Total	2.5581	18.9103	15.2545	0.0250		1.0901	1.0901		1.0449	1.0449		2,312.1454	2,312.1454	0.4810		2,324.1705

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.4 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1039	2.8932	0.7677	6.5300e-003	0.1601	0.0185	0.1785	0.0461	0.0177	0.0637		697.0366	697.0366	0.0447		698.1533
Worker	0.8493	0.6242	8.1968	0.0207	1.9002	0.0164	1.9166	0.5039	0.0151	0.5190		2,062.0199	2,062.0199	0.0708		2,063.7906
Total	0.9531	3.5174	8.9645	0.0273	2.0603	0.0348	2.0951	0.5500	0.0328	0.5828		2,759.0565	2,759.0565	0.1155		2,761.9438

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.5581	18.9103	15.2545	0.0250		1.0901	1.0901		1.0449	1.0449	0.0000	2,312.1454	2,312.1454	0.4810		2,324.1705
Total	2.5581	18.9103	15.2545	0.0250		1.0901	1.0901		1.0449	1.0449	0.0000	2,312.1454	2,312.1454	0.4810		2,324.1705

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.4 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1039	2.8932	0.7677	6.5300e-003	0.1601	0.0185	0.1785	0.0461	0.0177	0.0637		697.0366	697.0366	0.0447		698.1533
Worker	0.8493	0.6242	8.1968	0.0207	1.9002	0.0164	1.9166	0.5039	0.0151	0.5190		2,062.0199	2,062.0199	0.0708		2,063.7906
Total	0.9531	3.5174	8.9645	0.0273	2.0603	0.0348	2.0951	0.5500	0.0328	0.5828		2,759.0565	2,759.0565	0.1155		2,761.9438

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2879	17.4336	14.8972	0.0250		0.9482	0.9482		0.9089	0.9089		2,288.8877	2,288.8877	0.4646		2,300.5014
Total	2.2879	17.4336	14.8972	0.0250		0.9482	0.9482		0.9089	0.9089		2,288.8877	2,288.8877	0.4646		2,300.5014

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0889	2.6593	0.6968	6.4900e-003	0.1601	0.0125	0.1726	0.0461	0.0120	0.0581		692.5617	692.5617	0.0423		693.6183
Worker	0.7823	0.5566	7.4434	0.0201	1.9002	0.0159	1.9161	0.5039	0.0146	0.5186		1,999.3919	1,999.3919	0.0630		2,000.9678
Total	0.8713	3.2159	8.1401	0.0266	2.0603	0.0284	2.0887	0.5500	0.0266	0.5766		2,691.9536	2,691.9536	0.1053		2,694.5861

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.2879	17.4336	14.8972	0.0250		0.9482	0.9482		0.9089	0.9089	0.0000	2,288.8877	2,288.8877	0.4646		2,300.5014
Total	2.2879	17.4336	14.8972	0.0250		0.9482	0.9482		0.9089	0.9089	0.0000	2,288.8877	2,288.8877	0.4646		2,300.5014

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0889	2.6593	0.6968	6.4900e-003	0.1601	0.0125	0.1726	0.0461	0.0120	0.0581		692.5617	692.5617	0.0423		693.6183
Worker	0.7823	0.5566	7.4434	0.0201	1.9002	0.0159	1.9161	0.5039	0.0146	0.5186		1,999.3919	1,999.3919	0.0630		2,000.9678
Total	0.8713	3.2159	8.1401	0.0266	2.0603	0.0284	2.0887	0.5500	0.0266	0.5766		2,691.9536	2,691.9536	0.1053		2,694.5861

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1547	11.5873	11.8076	0.0178		0.6565	0.6565		0.6051	0.6051		1,709.2180	1,709.2180	0.5417		1,722.7605
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1547	11.5873	11.8076	0.0178		0.6565	0.6565		0.6051	0.6051		1,709.2180	1,709.2180	0.5417		1,722.7605

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.5 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0491	0.6568	1.7700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		176.4169	176.4169	5.5600e-003		176.5560
Total	0.0690	0.0491	0.6568	1.7700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		176.4169	176.4169	5.5600e-003		176.5560

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1547	11.5873	11.8076	0.0178		0.6565	0.6565		0.6051	0.6051	0.0000	1,709.2180	1,709.2180	0.5417		1,722.7605
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1547	11.5873	11.8076	0.0178		0.6565	0.6565		0.6051	0.6051	0.0000	1,709.2180	1,709.2180	0.5417		1,722.7605

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.5 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0690	0.0491	0.6568	1.7700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		176.4169	176.4169	5.5600e-003		176.5560
Total	0.0690	0.0491	0.6568	1.7700e-003	0.1677	1.4000e-003	0.1691	0.0445	1.2900e-003	0.0458		176.4169	176.4169	5.5600e-003		176.5560

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.3411					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	28.5833	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.6 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1565	0.1113	1.4887	4.0200e-003	0.3800	3.1800e-003	0.3832	0.1008	2.9300e-003	0.1037		399.8784	399.8784	0.0126		400.1936
Total	0.1565	0.1113	1.4887	4.0200e-003	0.3800	3.1800e-003	0.3832	0.1008	2.9300e-003	0.1037		399.8784	399.8784	0.0126		400.1936

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.3411					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	28.5833	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928

Del Rey Pointe - Los Angeles-South Coast County, Summer

3.6 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1565	0.1113	1.4887	4.0200e-003	0.3800	3.1800e-003	0.3832	0.1008	2.9300e-003	0.1037		399.8784	399.8784	0.0126		400.1936
Total	0.1565	0.1113	1.4887	4.0200e-003	0.3800	3.1800e-003	0.3832	0.1008	2.9300e-003	0.1037		399.8784	399.8784	0.0126		400.1936

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

Del Rey Pointe - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.2775	15.0464	45.2349	0.1462	11.3363	0.1456	11.4819	3.0343	0.1365	3.1708		14,844.9673	14,844.9673	0.8206		14,865.4828
Unmitigated	3.2864	15.1032	45.4660	0.1470	11.4038	0.1464	11.5502	3.0524	0.1373	3.1896		14,928.9701	14,928.9701	0.8249		14,949.5916

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,569.40	1,508.04	1382.96	5,241,911	5,210,879
Total	1,569.40	1,508.04	1,382.96	5,241,911	5,210,879

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.547972	0.046127	0.199330	0.125604	0.017697	0.005953	0.018360	0.027618	0.002341	0.002583	0.004804	0.000667	0.000944

5.0 Energy Detail

Historical Energy Use: N

Del Rey Pointe - Los Angeles-South Coast County, Summer

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0778	0.6650	0.2830	4.2400e-003		0.0538	0.0538		0.0538	0.0538		848.9085	848.9085	0.0163	0.0156	853.9532
NaturalGas Unmitigated	0.0778	0.6650	0.2830	4.2400e-003		0.0538	0.0538		0.0538	0.0538		848.9085	848.9085	0.0163	0.0156	853.9532

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	7215.72	0.0778	0.6650	0.2830	4.2400e-003		0.0538	0.0538		0.0538	0.0538		848.9085	848.9085	0.0163	0.0156	853.9532
Total		0.0778	0.6650	0.2830	4.2400e-003		0.0538	0.0538		0.0538	0.0538		848.9085	848.9085	0.0163	0.0156	853.9532

Del Rey Pointe - Los Angeles-South Coast County, Summer

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	7.21572	0.0778	0.6650	0.2830	4.2400e-003		0.0538	0.0538		0.0538	0.0538		848.9085	848.9085	0.0163	0.0156	853.9532
Total		0.0778	0.6650	0.2830	4.2400e-003		0.0538	0.0538		0.0538	0.0538		848.9085	848.9085	0.0163	0.0156	853.9532

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

Del Rey Pointe - Los Angeles-South Coast County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.1443	0.2276	19.6080	1.0300e-003		0.1070	0.1070		0.1070	0.1070	0.0000	35.0583	35.0583	0.0347	0.0000	35.9269
Unmitigated	6.1443	0.2276	19.6080	1.0300e-003		0.1070	0.1070		0.1070	0.1070	0.0000	35.0583	35.0583	0.0347	0.0000	35.9269

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3339					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.2060					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.6044	0.2276	19.6080	1.0300e-003		0.1070	0.1070		0.1070	0.1070		35.0583	35.0583	0.0347		35.9269
Total	6.1443	0.2276	19.6080	1.0300e-003		0.1070	0.1070		0.1070	0.1070	0.0000	35.0583	35.0583	0.0347	0.0000	35.9269

Del Rey Pointe - Los Angeles-South Coast County, Summer

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.3339					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.2060					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.6044	0.2276	19.6080	1.0300e-003		0.1070	0.1070		0.1070	0.1070		35.0583	35.0583	0.0347		35.9269
Total	6.1443	0.2276	19.6080	1.0300e-003		0.1070	0.1070		0.1070	0.1070	0.0000	35.0583	35.0583	0.0347	0.0000	35.9269

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Del Rey Pointe - Los Angeles-South Coast County, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	0	0	0.73	Diesel
Fire Pump	1	0	0	0	0.73	Diesel

Boilers

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

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (0 - 11 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Fire Pump - Diesel (0 - 11 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

11.0 Vegetation

Del Rey Pointe - Los Angeles-South Coast County, Annual

Del Rey Pointe
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	236.00	Dwelling Unit	2.98	262,927.00	675

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2018
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MW hr)	1227.89	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Del Rey Pointe - Los Angeles-South Coast County, Annual

Project Characteristics -

Land Use - Based on project description.

Construction Phase - Based off of project description.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Information provided by client.

Off-road Equipment -

Off-road Equipment - Minimal on-site asphalt.

Off-road Equipment -

Trips and VMT -

Grading - 31,430 cubic yards of export based on project description.

Architectural Coating - Based on project description.

Woodstoves - Unit layouts do not include gas or wood fireplaces. No wood burning stoves.

Area Coating - Project total SF is 262,927.

Land Use Change -

Construction Off-road Equipment Mitigation - Water exposed areas 3x daily, limit unpaved road speed to 15mph, replace groundcover, and use of soil stabilizers required by Rule 403.

Mobile Land Use Mitigation - 35 of the 236 units are to be restricted to low income households.

Area Mitigation -

Stationary Sources - Emergency Generators and Fire Pumps -

Vehicle Trips -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	177,476.00	262,927.00
tblArchitecturalCoating	ConstArea_Residential_Interior	532,427.00	262,927.00
tblAreaCoating	Area_Residential_Exterior	177476	262927
tblAreaCoating	Area_Residential_Interior	532427	262927
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12

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tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	220.00	392.00
tblConstructionPhase	NumDays	6.00	14.00
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	3.00	29.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	NumberGas	200.60	0.00
tblFireplaces	NumberNoFireplace	23.60	0.00
tblFireplaces	NumberWood	11.80	0.00
tblGrading	AcresOfGrading	7.00	2.98
tblGrading	AcresOfGrading	43.50	2.98
tblGrading	MaterialExported	0.00	31,430.00
tblLandUse	BuildingSpaceSquareFeet	236,000.00	262,927.00
tblLandUse	LandUseSquareFeet	236,000.00	262,927.00
tblLandUse	LotAcreage	6.21	2.98
tblVehicleEF	HHD	0.76	0.68
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	3.21	2.75
tblVehicleEF	HHD	1.20	1.17
tblVehicleEF	HHD	3.93	3.50
tblVehicleEF	HHD	4,772.37	4,770.40
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	25.66	22.90

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tblVehicleEF	HHD	5.29	4.59
tblVehicleEF	HHD	19.58	19.58
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	1.6300e-004	1.2200e-004
tblVehicleEF	HHD	8.3110e-003	5.6590e-003
tblVehicleEF	HHD	0.81	0.69
tblVehicleEF	HHD	1.1700e-004	9.1000e-005
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	7.0400e-004	4.9400e-004
tblVehicleEF	HHD	0.14	0.10
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8300e-004	1.6600e-004
tblVehicleEF	HHD	1.6300e-004	1.2200e-004
tblVehicleEF	HHD	8.3110e-003	5.6590e-003
tblVehicleEF	HHD	0.94	0.80
tblVehicleEF	HHD	1.1700e-004	9.1000e-005
tblVehicleEF	HHD	0.29	0.27

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tblVehicleEF	HHD	7.0400e-004	4.9400e-004
tblVehicleEF	HHD	0.15	0.11
tblVehicleEF	HHD	0.71	0.64
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.12	0.09
tblVehicleEF	HHD	2.34	2.00
tblVehicleEF	HHD	1.21	1.17
tblVehicleEF	HHD	3.74	3.33
tblVehicleEF	HHD	5,051.49	5,051.17
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	26.47	23.63
tblVehicleEF	HHD	5.00	4.34
tblVehicleEF	HHD	19.57	19.57
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	2.5500e-004	1.8800e-004
tblVehicleEF	HHD	8.4680e-003	5.7950e-003

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tblVehicleEF	HHD	0.76	0.65
tblVehicleEF	HHD	1.7600e-004	1.3300e-004
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	6.9300e-004	4.8300e-004
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	0.05	0.05
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8000e-004	1.6300e-004
tblVehicleEF	HHD	2.5500e-004	1.8800e-004
tblVehicleEF	HHD	8.4680e-003	5.7950e-003
tblVehicleEF	HHD	0.89	0.76
tblVehicleEF	HHD	1.7600e-004	1.3300e-004
tblVehicleEF	HHD	0.29	0.27
tblVehicleEF	HHD	6.9300e-004	4.8300e-004
tblVehicleEF	HHD	0.14	0.11
tblVehicleEF	HHD	0.81	0.73
tblVehicleEF	HHD	0.09	0.09
tblVehicleEF	HHD	0.13	0.10
tblVehicleEF	HHD	4.40	3.78
tblVehicleEF	HHD	1.20	1.16
tblVehicleEF	HHD	3.96	3.53
tblVehicleEF	HHD	4,386.91	4,382.68
tblVehicleEF	HHD	1,724.08	1,679.50
tblVehicleEF	HHD	11.74	10.80
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	24.53	21.89
tblVehicleEF	HHD	5.20	4.51

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tblVehicleEF	HHD	19.59	19.58
tblVehicleEF	HHD	0.04	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.7900e-004	1.0700e-004
tblVehicleEF	HHD	0.04	0.02
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8310e-003	8.8340e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	1.6800e-004	9.9000e-005
tblVehicleEF	HHD	1.6900e-004	1.2200e-004
tblVehicleEF	HHD	9.7550e-003	6.2650e-003
tblVehicleEF	HHD	0.87	0.74
tblVehicleEF	HHD	1.1600e-004	8.8000e-005
tblVehicleEF	HHD	0.18	0.16
tblVehicleEF	HHD	7.5400e-004	5.3300e-004
tblVehicleEF	HHD	0.14	0.10
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	1.8400e-004	1.6700e-004
tblVehicleEF	HHD	1.6900e-004	1.2200e-004
tblVehicleEF	HHD	9.7550e-003	6.2650e-003
tblVehicleEF	HHD	1.01	0.86
tblVehicleEF	HHD	1.1600e-004	8.8000e-005
tblVehicleEF	HHD	0.29	0.27
tblVehicleEF	HHD	7.5400e-004	5.3300e-004

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tblVehicleEF	HHD	0.15	0.11
tblVehicleEF	LDA	8.3350e-003	6.5530e-003
tblVehicleEF	LDA	9.7470e-003	7.1270e-003
tblVehicleEF	LDA	0.93	0.76
tblVehicleEF	LDA	1.81	1.42
tblVehicleEF	LDA	319.38	296.37
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.08	0.06
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.13	0.10
tblVehicleEF	LDA	3.2020e-003	2.9700e-003
tblVehicleEF	LDA	6.8200e-004	6.3700e-004
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.14	0.12
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.05	0.04

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tblVehicleEF	LDA	0.14	0.11
tblVehicleEF	LDA	8.8220e-003	6.9520e-003
tblVehicleEF	LDA	8.6480e-003	6.3260e-003
tblVehicleEF	LDA	1.02	0.83
tblVehicleEF	LDA	1.54	1.21
tblVehicleEF	LDA	334.26	310.18
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.11	0.08
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	0.15	0.12
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	3.3520e-003	3.1090e-003
tblVehicleEF	LDA	6.7800e-004	6.3300e-004
tblVehicleEF	LDA	0.09	0.07
tblVehicleEF	LDA	0.15	0.12
tblVehicleEF	LDA	0.07	0.06
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.05	0.04

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tblVehicleEF	LDA	0.13	0.09
tblVehicleEF	LDA	8.1700e-003	6.4200e-003
tblVehicleEF	LDA	9.9770e-003	7.2950e-003
tblVehicleEF	LDA	0.90	0.73
tblVehicleEF	LDA	1.86	1.46
tblVehicleEF	LDA	313.94	291.32
tblVehicleEF	LDA	65.08	61.25
tblVehicleEF	LDA	0.55	0.55
tblVehicleEF	LDA	0.08	0.06
tblVehicleEF	LDA	0.12	0.09
tblVehicleEF	LDA	2.3950e-003	2.2990e-003
tblVehicleEF	LDA	2.4280e-003	2.3500e-003
tblVehicleEF	LDA	2.2120e-003	2.1210e-003
tblVehicleEF	LDA	2.2340e-003	2.1610e-003
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.13	0.10
tblVehicleEF	LDA	3.1470e-003	2.9190e-003
tblVehicleEF	LDA	6.8300e-004	6.3800e-004
tblVehicleEF	LDA	0.06	0.05
tblVehicleEF	LDA	0.16	0.13
tblVehicleEF	LDA	0.05	0.04
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.06	0.05

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tblVehicleEF	LDA	0.15	0.11
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.49	2.02
tblVehicleEF	LDT1	4.24	3.43
tblVehicleEF	LDT1	379.11	360.63
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.24	0.19
tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.35	0.30
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.22	0.19
tblVehicleEF	LDT1	0.31	0.24
tblVehicleEF	LDT1	3.8260e-003	3.6330e-003
tblVehicleEF	LDT1	8.3700e-004	7.9100e-004
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.35	0.30
tblVehicleEF	LDT1	0.13	0.12
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.22	0.19

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tblVehicleEF	LDT1	0.34	0.26
tblVehicleEF	LDT1	0.03	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.68	2.18
tblVehicleEF	LDT1	3.60	2.91
tblVehicleEF	LDT1	395.47	376.30
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.21	0.17
tblVehicleEF	LDT1	0.23	0.18
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT1	0.19	0.17
tblVehicleEF	LDT1	0.07	0.05
tblVehicleEF	LDT1	0.20	0.18
tblVehicleEF	LDT1	0.27	0.21
tblVehicleEF	LDT1	3.9920e-003	3.7920e-003
tblVehicleEF	LDT1	8.2600e-004	7.8200e-004
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.37	0.32
tblVehicleEF	LDT1	0.19	0.17
tblVehicleEF	LDT1	0.10	0.07
tblVehicleEF	LDT1	0.20	0.18

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tblVehicleEF	LDT1	0.30	0.23
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	2.42	1.96
tblVehicleEF	LDT1	4.38	3.54
tblVehicleEF	LDT1	373.10	354.88
tblVehicleEF	LDT1	76.17	73.09
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	0.19
tblVehicleEF	LDT1	0.25	0.20
tblVehicleEF	LDT1	4.4580e-003	3.9490e-003
tblVehicleEF	LDT1	4.1880e-003	3.7850e-003
tblVehicleEF	LDT1	4.1100e-003	3.6370e-003
tblVehicleEF	LDT1	3.8540e-003	3.4820e-003
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.40	0.35
tblVehicleEF	LDT1	0.13	0.11
tblVehicleEF	LDT1	0.06	0.05
tblVehicleEF	LDT1	0.26	0.23
tblVehicleEF	LDT1	0.32	0.25
tblVehicleEF	LDT1	3.7650e-003	3.5750e-003
tblVehicleEF	LDT1	8.4000e-004	7.9300e-004
tblVehicleEF	LDT1	0.17	0.15
tblVehicleEF	LDT1	0.40	0.35
tblVehicleEF	LDT1	0.13	0.11
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.26	0.23

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tblVehicleEF	LDT1	0.35	0.27
tblVehicleEF	LDT2	0.01	8.6320e-003
tblVehicleEF	LDT2	0.01	8.2970e-003
tblVehicleEF	LDT2	1.22	0.97
tblVehicleEF	LDT2	2.19	1.67
tblVehicleEF	LDT2	433.60	408.00
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.13	0.10
tblVehicleEF	LDT2	0.20	0.14
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	4.3480e-003	4.0880e-003
tblVehicleEF	LDT2	9.1600e-004	8.6100e-004
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.14	0.12
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.08	0.07

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tblVehicleEF	LDT2	0.17	0.12
tblVehicleEF	LDT2	0.01	9.1430e-003
tblVehicleEF	LDT2	0.01	7.3790e-003
tblVehicleEF	LDT2	1.33	1.07
tblVehicleEF	LDT2	1.87	1.43
tblVehicleEF	LDT2	453.06	426.32
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.12	0.09
tblVehicleEF	LDT2	0.19	0.13
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.15	0.12
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.07	0.06
tblVehicleEF	LDT2	0.14	0.10
tblVehicleEF	LDT2	4.5440e-003	4.2730e-003
tblVehicleEF	LDT2	9.1000e-004	8.5600e-004
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.15	0.12
tblVehicleEF	LDT2	0.08	0.07
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.07	0.06

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tblVehicleEF	LDT2	0.15	0.11
tblVehicleEF	LDT2	0.01	8.4620e-003
tblVehicleEF	LDT2	0.01	8.4930e-003
tblVehicleEF	LDT2	1.18	0.94
tblVehicleEF	LDT2	2.26	1.73
tblVehicleEF	LDT2	426.45	401.27
tblVehicleEF	LDT2	87.80	83.22
tblVehicleEF	LDT2	0.20	0.20
tblVehicleEF	LDT2	0.13	0.10
tblVehicleEF	LDT2	0.21	0.15
tblVehicleEF	LDT2	2.1980e-003	2.1760e-003
tblVehicleEF	LDT2	2.3440e-003	2.3520e-003
tblVehicleEF	LDT2	2.0230e-003	2.0020e-003
tblVehicleEF	LDT2	2.1570e-003	2.1630e-003
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.03	0.02
tblVehicleEF	LDT2	0.09	0.08
tblVehicleEF	LDT2	0.16	0.11
tblVehicleEF	LDT2	4.2760e-003	4.0210e-003
tblVehicleEF	LDT2	9.1700e-004	8.6200e-004
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.16	0.13
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.09	0.08

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tblVehicleEF	LDT2	0.17	0.13
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.36	1.07
tblVehicleEF	LHD1	3.84	3.29
tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.35	1.15
tblVehicleEF	LHD1	1.23	1.13
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003
tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	3.7800e-003	3.4680e-003
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1720e-003	2.0560e-003
tblVehicleEF	LHD1	0.09	0.07

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tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	0.38	0.32
tblVehicleEF	LHD1	6.3470e-003	6.1270e-003
tblVehicleEF	LHD1	4.5700e-004	4.2000e-004
tblVehicleEF	LHD1	3.7800e-003	3.4680e-003
tblVehicleEF	LHD1	0.12	0.11
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.1720e-003	2.0560e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.34	0.33
tblVehicleEF	LHD1	0.41	0.35
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.38	1.08
tblVehicleEF	LHD1	3.66	3.14
tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.26	1.07
tblVehicleEF	LHD1	1.18	1.08
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003

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tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	5.6970e-003	5.2080e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.1190e-003	2.9180e-003
tblVehicleEF	LHD1	0.09	0.08
tblVehicleEF	LHD1	0.33	0.32
tblVehicleEF	LHD1	0.36	0.31
tblVehicleEF	LHD1	6.3480e-003	6.1280e-003
tblVehicleEF	LHD1	4.5400e-004	4.1700e-004
tblVehicleEF	LHD1	5.6970e-003	5.2080e-003
tblVehicleEF	LHD1	0.12	0.12
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.1190e-003	2.9180e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.33	0.32
tblVehicleEF	LHD1	0.40	0.34
tblVehicleEF	LHD1	6.9100e-003	6.3570e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.17	0.16
tblVehicleEF	LHD1	1.36	1.06
tblVehicleEF	LHD1	3.86	3.32

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tblVehicleEF	LHD1	8.85	8.89
tblVehicleEF	LHD1	643.18	622.45
tblVehicleEF	LHD1	38.53	35.85
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.07	0.07
tblVehicleEF	LHD1	1.32	1.13
tblVehicleEF	LHD1	1.24	1.14
tblVehicleEF	LHD1	7.3700e-004	7.9800e-004
tblVehicleEF	LHD1	9.6950e-003	9.8890e-003
tblVehicleEF	LHD1	0.01	9.6360e-003
tblVehicleEF	LHD1	1.4580e-003	1.1970e-003
tblVehicleEF	LHD1	7.0600e-004	7.6300e-004
tblVehicleEF	LHD1	2.4240e-003	2.4720e-003
tblVehicleEF	LHD1	9.6170e-003	9.1880e-003
tblVehicleEF	LHD1	1.3460e-003	1.1020e-003
tblVehicleEF	LHD1	4.0690e-003	3.6860e-003
tblVehicleEF	LHD1	0.14	0.13
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.1590e-003	2.0330e-003
tblVehicleEF	LHD1	0.09	0.07
tblVehicleEF	LHD1	0.37	0.35
tblVehicleEF	LHD1	0.38	0.32
tblVehicleEF	LHD1	6.3470e-003	6.1270e-003
tblVehicleEF	LHD1	4.5800e-004	4.2100e-004
tblVehicleEF	LHD1	4.0690e-003	3.6860e-003
tblVehicleEF	LHD1	0.14	0.13
tblVehicleEF	LHD1	0.03	0.03

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tblVehicleEF	LHD1	2.1590e-003	2.0330e-003
tblVehicleEF	LHD1	0.11	0.10
tblVehicleEF	LHD1	0.37	0.35
tblVehicleEF	LHD1	0.41	0.36
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003
tblVehicleEF	LHD2	8.3250e-003	5.8620e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	0.45
tblVehicleEF	LHD2	2.09	1.67
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.19	0.88
tblVehicleEF	LHD2	0.78	0.66
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	1.7770e-003	1.4140e-003
tblVehicleEF	LHD2	0.06	0.05

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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0440e-003	8.8000e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.14	0.11
tblVehicleEF	LHD2	0.20	0.15
tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1920e-003
tblVehicleEF	LHD2	3.6400e-004	3.3100e-004
tblVehicleEF	LHD2	1.7770e-003	1.4140e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0440e-003	8.8000e-004
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.14	0.11
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003
tblVehicleEF	LHD2	8.4650e-003	5.9540e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.63	0.46
tblVehicleEF	LHD2	2.00	1.60
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.12	0.83

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tblVehicleEF	LHD2	0.74	0.63
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	2.6560e-003	2.1090e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4860e-003	1.2380e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.14	0.10
tblVehicleEF	LHD2	0.19	0.15
tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1920e-003
tblVehicleEF	LHD2	3.6200e-004	3.3000e-004
tblVehicleEF	LHD2	2.6560e-003	2.1090e-003
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4860e-003	1.2380e-003
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.14	0.10
tblVehicleEF	LHD2	0.21	0.16
tblVehicleEF	LHD2	5.2030e-003	4.6500e-003

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tblVehicleEF	LHD2	8.2880e-003	5.8380e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.14
tblVehicleEF	LHD2	0.62	0.45
tblVehicleEF	LHD2	2.11	1.68
tblVehicleEF	LHD2	13.45	13.53
tblVehicleEF	LHD2	657.26	634.55
tblVehicleEF	LHD2	32.53	30.01
tblVehicleEF	LHD2	5.9530e-003	6.0900e-003
tblVehicleEF	LHD2	0.10	0.10
tblVehicleEF	LHD2	1.17	0.87
tblVehicleEF	LHD2	0.78	0.67
tblVehicleEF	LHD2	1.1500e-003	1.1790e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.01	9.7680e-003
tblVehicleEF	LHD2	6.9600e-004	5.5800e-004
tblVehicleEF	LHD2	1.1000e-003	1.1280e-003
tblVehicleEF	LHD2	2.5990e-003	2.6300e-003
tblVehicleEF	LHD2	0.01	9.3300e-003
tblVehicleEF	LHD2	6.4000e-004	5.1400e-004
tblVehicleEF	LHD2	1.8890e-003	1.4720e-003
tblVehicleEF	LHD2	0.07	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0270e-003	8.5900e-004
tblVehicleEF	LHD2	0.06	0.05
tblVehicleEF	LHD2	0.15	0.12
tblVehicleEF	LHD2	0.20	0.16

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tblVehicleEF	LHD2	1.3200e-004	1.3300e-004
tblVehicleEF	LHD2	6.4240e-003	6.1910e-003
tblVehicleEF	LHD2	3.6400e-004	3.3100e-004
tblVehicleEF	LHD2	1.8890e-003	1.4720e-003
tblVehicleEF	LHD2	0.07	0.05
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.0270e-003	8.5900e-004
tblVehicleEF	LHD2	0.08	0.06
tblVehicleEF	LHD2	0.15	0.12
tblVehicleEF	LHD2	0.22	0.17
tblVehicleEF	MCY	0.52	0.53
tblVehicleEF	MCY	0.15	0.15
tblVehicleEF	MCY	20.35	19.48
tblVehicleEF	MCY	9.58	9.63
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	1.14	1.13
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.09	1.07
tblVehicleEF	MCY	0.70	0.66
tblVehicleEF	MCY	0.68	0.66
tblVehicleEF	MCY	2.69	2.62

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tblVehicleEF	MCY	0.69	0.63
tblVehicleEF	MCY	2.11	2.08
tblVehicleEF	MCY	2.2800e-003	2.2730e-003
tblVehicleEF	MCY	6.8200e-004	6.7100e-004
tblVehicleEF	MCY	1.09	1.07
tblVehicleEF	MCY	0.70	0.66
tblVehicleEF	MCY	0.68	0.66
tblVehicleEF	MCY	3.31	3.25
tblVehicleEF	MCY	0.69	0.63
tblVehicleEF	MCY	2.30	2.26
tblVehicleEF	MCY	0.51	0.52
tblVehicleEF	MCY	0.14	0.14
tblVehicleEF	MCY	19.53	18.74
tblVehicleEF	MCY	8.80	8.81
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.77	1.74
tblVehicleEF	MCY	0.76	0.72
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	2.61	2.56

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tblVehicleEF	MCY	0.65	0.60
tblVehicleEF	MCY	1.87	1.85
tblVehicleEF	MCY	2.2650e-003	2.2590e-003
tblVehicleEF	MCY	6.6200e-004	6.5100e-004
tblVehicleEF	MCY	1.77	1.74
tblVehicleEF	MCY	0.76	0.72
tblVehicleEF	MCY	1.13	1.10
tblVehicleEF	MCY	3.22	3.17
tblVehicleEF	MCY	0.65	0.60
tblVehicleEF	MCY	2.04	2.01
tblVehicleEF	MCY	0.52	0.53
tblVehicleEF	MCY	0.16	0.16
tblVehicleEF	MCY	20.46	19.59
tblVehicleEF	MCY	9.71	9.76
tblVehicleEF	MCY	186.71	187.52
tblVehicleEF	MCY	46.30	45.30
tblVehicleEF	MCY	4.8040e-003	5.0050e-003
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.1580e-003	2.3100e-003
tblVehicleEF	MCY	4.3620e-003	4.0640e-003
tblVehicleEF	MCY	2.0230e-003	2.1620e-003
tblVehicleEF	MCY	4.1270e-003	3.8350e-003
tblVehicleEF	MCY	1.19	1.17
tblVehicleEF	MCY	0.91	0.86
tblVehicleEF	MCY	0.65	0.63
tblVehicleEF	MCY	2.71	2.64

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tblVehicleEF	MCY	0.78	0.73
tblVehicleEF	MCY	2.16	2.12
tblVehicleEF	MCY	2.2820e-003	2.2750e-003
tblVehicleEF	MCY	6.8500e-004	6.7500e-004
tblVehicleEF	MCY	1.19	1.17
tblVehicleEF	MCY	0.91	0.86
tblVehicleEF	MCY	0.65	0.63
tblVehicleEF	MCY	3.32	3.26
tblVehicleEF	MCY	0.78	0.73
tblVehicleEF	MCY	2.34	2.31
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.12	1.77
tblVehicleEF	MDV	3.78	3.11
tblVehicleEF	MDV	571.96	543.27
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.24	0.19
tblVehicleEF	MDV	0.36	0.29
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.07	0.05

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tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.31	0.25
tblVehicleEF	MDV	5.7420e-003	5.4490e-003
tblVehicleEF	MDV	1.2110e-003	1.1480e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.34	0.27
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.27	1.90
tblVehicleEF	MDV	3.24	2.66
tblVehicleEF	MDV	597.13	567.14
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.21	0.17
tblVehicleEF	MDV	0.33	0.26
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.07	0.05

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tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.28	0.22
tblVehicleEF	MDV	5.9950e-003	5.6890e-003
tblVehicleEF	MDV	1.2020e-003	1.1400e-003
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.19	0.17
tblVehicleEF	MDV	0.11	0.10
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.09	0.09
tblVehicleEF	MDV	0.30	0.24
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	2.07	1.72
tblVehicleEF	MDV	3.90	3.20
tblVehicleEF	MDV	562.74	534.52
tblVehicleEF	MDV	114.37	109.34
tblVehicleEF	MDV	0.13	0.12
tblVehicleEF	MDV	0.24	0.19
tblVehicleEF	MDV	0.37	0.29
tblVehicleEF	MDV	2.5560e-003	2.4830e-003
tblVehicleEF	MDV	2.7450e-003	2.6470e-003
tblVehicleEF	MDV	2.3610e-003	2.2920e-003
tblVehicleEF	MDV	2.5300e-003	2.4370e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.20	0.18
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.07	0.05

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tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.32	0.25
tblVehicleEF	MDV	5.6490e-003	5.3610e-003
tblVehicleEF	MDV	1.2130e-003	1.1500e-003
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.20	0.18
tblVehicleEF	MDV	0.07	0.07
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.12	0.11
tblVehicleEF	MDV	0.35	0.28
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.33	3.53
tblVehicleEF	MH	8.75	7.14
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.46	1.26
tblVehicleEF	MH	1.00	0.90
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003
tblVehicleEF	MH	1.42	1.18
tblVehicleEF	MH	0.10	0.08

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tblVehicleEF	MH	0.58	0.49
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.57	0.43
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.4900e-004	7.6200e-004
tblVehicleEF	MH	1.42	1.18
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.58	0.49
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.62	0.47
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.34	3.59
tblVehicleEF	MH	8.26	6.72
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.33	1.15
tblVehicleEF	MH	0.95	0.86
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003

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tblVehicleEF	MH	2.11	1.74
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.84	0.71
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.54	0.41
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.4100e-004	7.5500e-004
tblVehicleEF	MH	2.11	1.74
tblVehicleEF	MH	0.10	0.08
tblVehicleEF	MH	0.84	0.71
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.59	0.45
tblVehicleEF	MH	0.05	0.04
tblVehicleEF	MH	0.04	0.03
tblVehicleEF	MH	5.32	3.51
tblVehicleEF	MH	8.81	7.19
tblVehicleEF	MH	1,160.55	1,138.98
tblVehicleEF	MH	69.46	63.70
tblVehicleEF	MH	9.4400e-004	9.0700e-004
tblVehicleEF	MH	1.43	1.23
tblVehicleEF	MH	1.01	0.91
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.3750e-003	1.5790e-003
tblVehicleEF	MH	3.1870e-003	3.1950e-003

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tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	2.2190e-003	1.4630e-003
tblVehicleEF	MH	1.64	1.35
tblVehicleEF	MH	0.13	0.10
tblVehicleEF	MH	0.61	0.51
tblVehicleEF	MH	0.19	0.13
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.57	0.43
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	8.5100e-004	7.6300e-004
tblVehicleEF	MH	1.64	1.35
tblVehicleEF	MH	0.13	0.10
tblVehicleEF	MH	0.61	0.51
tblVehicleEF	MH	0.26	0.18
tblVehicleEF	MH	0.03	0.02
tblVehicleEF	MH	0.63	0.47
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.6590e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.52	0.44
tblVehicleEF	MHD	0.97	0.61
tblVehicleEF	MHD	9.10	7.49
tblVehicleEF	MHD	131.26	133.10
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.07	0.81

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tblVehicleEF	MHD	2.94	1.86
tblVehicleEF	MHD	9.72	9.86
tblVehicleEF	MHD	4.4680e-003	2.2420e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	4.2750e-003	2.1450e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	1.6210e-003	1.3410e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	9.7000e-004	8.3700e-004
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.56	0.46
tblVehicleEF	MHD	1.2660e-003	1.2830e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.5000e-004	7.8800e-004
tblVehicleEF	MHD	1.6210e-003	1.3410e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	9.7000e-004	8.3700e-004
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.62	0.50
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.7760e-003

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tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.37	0.32
tblVehicleEF	MHD	0.98	0.62
tblVehicleEF	MHD	8.64	7.11
tblVehicleEF	MHD	139.02	140.97
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.10	0.84
tblVehicleEF	MHD	2.77	1.75
tblVehicleEF	MHD	9.66	9.81
tblVehicleEF	MHD	3.7670e-003	1.8900e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	3.6040e-003	1.8090e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	2.4460e-003	2.0150e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.4100e-003	1.1980e-003
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.54	0.44
tblVehicleEF	MHD	1.3390e-003	1.3570e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.4200e-004	7.8100e-004

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tblVehicleEF	MHD	2.4460e-003	2.0150e-003
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	1.4100e-003	1.1980e-003
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.59	0.48
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	0.01	8.6270e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.71	0.61
tblVehicleEF	MHD	0.97	0.61
tblVehicleEF	MHD	9.18	7.56
tblVehicleEF	MHD	120.53	122.21
tblVehicleEF	MHD	1,173.40	1,158.03
tblVehicleEF	MHD	68.95	65.62
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.02	0.78
tblVehicleEF	MHD	2.88	1.83
tblVehicleEF	MHD	9.73	9.87
tblVehicleEF	MHD	5.4370e-003	2.7290e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.1900e-003	9.3600e-004
tblVehicleEF	MHD	5.2020e-003	2.6110e-003
tblVehicleEF	MHD	0.08	0.04
tblVehicleEF	MHD	1.0990e-003	8.6100e-004
tblVehicleEF	MHD	1.7380e-003	1.4110e-003

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tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	9.6300e-004	8.2400e-004
tblVehicleEF	MHD	0.17	0.09
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.57	0.46
tblVehicleEF	MHD	1.1650e-003	1.1810e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	8.5100e-004	7.8900e-004
tblVehicleEF	MHD	1.7380e-003	1.4110e-003
tblVehicleEF	MHD	0.07	0.06
tblVehicleEF	MHD	0.06	0.05
tblVehicleEF	MHD	9.6300e-004	8.2400e-004
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	0.62	0.51
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.30	0.29
tblVehicleEF	OBUS	0.91	0.68
tblVehicleEF	OBUS	6.92	6.09
tblVehicleEF	OBUS	108.10	110.73
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.72	0.65

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tblVehicleEF	OBUS	2.47	2.05
tblVehicleEF	OBUS	2.71	2.66
tblVehicleEF	OBUS	4.2400e-004	3.0000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	4.0500e-004	2.8700e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	1.5910e-003	1.4950e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	8.0300e-004	7.8100e-004
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.44	0.38
tblVehicleEF	OBUS	1.0440e-003	1.0690e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2500e-004	7.9500e-004
tblVehicleEF	OBUS	1.5910e-003	1.4950e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	8.0300e-004	7.8100e-004
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01

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tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.28	0.27
tblVehicleEF	OBUS	0.92	0.69
tblVehicleEF	OBUS	6.54	5.75
tblVehicleEF	OBUS	113.50	116.31
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.74	0.67
tblVehicleEF	OBUS	2.33	1.93
tblVehicleEF	OBUS	2.66	2.62
tblVehicleEF	OBUS	3.5700e-004	2.5300e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	3.4200e-004	2.4200e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	2.3340e-003	2.1920e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	1.1530e-003	1.1100e-003
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.42	0.37
tblVehicleEF	OBUS	1.0950e-003	1.1220e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1900e-004	7.9000e-004

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tblVehicleEF	OBUS	2.3340e-003	2.1920e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	1.1530e-003	1.1100e-003
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.46	0.40
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.04	0.03
tblVehicleEF	OBUS	0.32	0.31
tblVehicleEF	OBUS	0.90	0.68
tblVehicleEF	OBUS	6.99	6.15
tblVehicleEF	OBUS	100.63	103.03
tblVehicleEF	OBUS	1,295.47	1,273.03
tblVehicleEF	OBUS	70.36	68.83
tblVehicleEF	OBUS	2.3410e-003	2.4380e-003
tblVehicleEF	OBUS	0.69	0.62
tblVehicleEF	OBUS	2.43	2.02
tblVehicleEF	OBUS	2.72	2.67
tblVehicleEF	OBUS	5.1500e-004	3.6500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.1600e-004	7.8200e-004
tblVehicleEF	OBUS	4.9300e-004	3.4900e-004
tblVehicleEF	OBUS	0.01	9.9080e-003
tblVehicleEF	OBUS	7.5300e-004	7.2000e-004
tblVehicleEF	OBUS	1.6850e-003	1.5550e-003

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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	7.9100e-004	7.6300e-004
tblVehicleEF	OBUS	0.09	0.07
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.44	0.39
tblVehicleEF	OBUS	9.7200e-004	9.9500e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	8.2700e-004	7.9600e-004
tblVehicleEF	OBUS	1.6850e-003	1.5550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.06
tblVehicleEF	OBUS	7.9100e-004	7.6300e-004
tblVehicleEF	OBUS	0.11	0.09
tblVehicleEF	OBUS	0.04	0.04
tblVehicleEF	OBUS	0.48	0.42
tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	7.49	7.89
tblVehicleEF	SBUS	0.99	0.84
tblVehicleEF	SBUS	7.98	7.67
tblVehicleEF	SBUS	1,186.50	1,153.25
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	12.11	10.62

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tblVehicleEF	SBUS	5.77	4.93
tblVehicleEF	SBUS	13.39	12.73
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	3.7610e-003	3.4480e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.91	0.96
tblVehicleEF	SBUS	1.6760e-003	1.6800e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.42	0.40
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.2500e-004	6.5300e-004
tblVehicleEF	SBUS	3.7610e-003	3.4480e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.31	1.38
tblVehicleEF	SBUS	1.6760e-003	1.6800e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.46	0.44

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tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.07	0.06
tblVehicleEF	SBUS	7.34	7.76
tblVehicleEF	SBUS	1.01	0.86
tblVehicleEF	SBUS	6.47	6.22
tblVehicleEF	SBUS	1,242.73	1,206.53
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	12.50	10.96
tblVehicleEF	SBUS	5.44	4.65
tblVehicleEF	SBUS	13.36	12.69
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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.01	9.8410e-003
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	5.5520e-003	5.0870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.91	0.95
tblVehicleEF	SBUS	2.4450e-003	2.4200e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.01

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tblVehicleEF	SBUS	0.37	0.36
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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.9900e-004	6.2900e-004
tblVehicleEF	SBUS	5.5520e-003	5.0870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.30	1.37
tblVehicleEF	SBUS	2.4450e-003	2.4200e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.41	0.39
tblVehicleEF	SBUS	0.89	0.88
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	7.71	8.07
tblVehicleEF	SBUS	0.99	0.84
tblVehicleEF	SBUS	8.24	7.93
tblVehicleEF	SBUS	1,108.84	1,079.68
tblVehicleEF	SBUS	1,120.30	1,098.50
tblVehicleEF	SBUS	48.66	52.01
tblVehicleEF	SBUS	6.6700e-004	6.7700e-004
tblVehicleEF	SBUS	11.58	10.15
tblVehicleEF	SBUS	5.67	4.85
tblVehicleEF	SBUS	13.40	12.73
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03

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tblVehicleEF	SBUS	7.0200e-004	7.4700e-004
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	2.7110e-003	2.6880e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.4500e-004	6.8700e-004
tblVehicleEF	SBUS	4.1100e-003	3.6280e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	0.92	0.96
tblVehicleEF	SBUS	1.6450e-003	1.6230e-003
tblVehicleEF	SBUS	0.13	0.12
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.43	0.41
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.2900e-004	6.5700e-004
tblVehicleEF	SBUS	4.1100e-003	3.6280e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	1.31	1.38
tblVehicleEF	SBUS	1.6450e-003	1.6230e-003
tblVehicleEF	SBUS	0.16	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.47	0.45
tblVehicleEF	UBUS	3.26	2.95
tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	13.77	12.36
tblVehicleEF	UBUS	8.86	8.85
tblVehicleEF	UBUS	2,060.73	2,008.92

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tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	13.47	11.49
tblVehicleEF	UBUS	16.66	15.98
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	4.2490e-003	4.1600e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	2.3080e-003	2.3210e-003
tblVehicleEF	UBUS	1.11	0.96
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.65	0.66
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.4500e-004	1.0390e-003
tblVehicleEF	UBUS	4.2490e-003	4.1600e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	2.3080e-003	2.3210e-003
tblVehicleEF	UBUS	4.50	4.03
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.71	0.72
tblVehicleEF	UBUS	3.27	2.95
tblVehicleEF	UBUS	0.04	0.04
tblVehicleEF	UBUS	13.82	12.41

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tblVehicleEF	UBUS	7.68	7.66
tblVehicleEF	UBUS	2,060.73	2,008.92
tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	12.70	10.84
tblVehicleEF	UBUS	16.62	15.93
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	6.0530e-003	5.9230e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	3.1970e-003	3.1960e-003
tblVehicleEF	UBUS	1.12	0.97
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.59	0.60
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.2500e-004	1.0190e-003
tblVehicleEF	UBUS	6.0530e-003	5.9230e-003
tblVehicleEF	UBUS	0.07	0.07
tblVehicleEF	UBUS	3.1970e-003	3.1960e-003
tblVehicleEF	UBUS	4.51	4.04
tblVehicleEF	UBUS	0.02	0.02
tblVehicleEF	UBUS	0.65	0.66
tblVehicleEF	UBUS	3.26	2.95

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tblVehicleEF	UBUS	0.05	0.05
tblVehicleEF	UBUS	13.76	12.34
tblVehicleEF	UBUS	9.07	9.07
tblVehicleEF	UBUS	2,060.73	2,008.92
tblVehicleEF	UBUS	78.62	88.02
tblVehicleEF	UBUS	2.5830e-003	2.3590e-003
tblVehicleEF	UBUS	13.21	11.27
tblVehicleEF	UBUS	16.67	15.99
tblVehicleEF	UBUS	0.66	0.64
tblVehicleEF	UBUS	0.18	0.15
tblVehicleEF	UBUS	9.1600e-004	9.7400e-004
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.17	0.14
tblVehicleEF	UBUS	8.4400e-004	8.9600e-004
tblVehicleEF	UBUS	4.9340e-003	4.7740e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	2.4730e-003	2.4590e-003
tblVehicleEF	UBUS	1.10	0.96
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.66	0.67
tblVehicleEF	UBUS	0.01	0.01
tblVehicleEF	UBUS	9.4900e-004	1.0430e-003
tblVehicleEF	UBUS	4.9340e-003	4.7740e-003
tblVehicleEF	UBUS	0.09	0.09
tblVehicleEF	UBUS	2.4730e-003	2.4590e-003
tblVehicleEF	UBUS	4.50	4.02
tblVehicleEF	UBUS	0.02	0.03

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tblVehicleEF	UBUS	0.72	0.74
tblWoodstoves	NumberCatalytic	11.80	0.00
tblWoodstoves	NumberNoncatalytic	11.80	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

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2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.1984	2.0074	1.2613	3.8700e-003	0.1516	0.0685	0.2201	0.0520	0.0648	0.1168	0.0000	358.9091	358.9091	0.0445	0.0000	360.0226
2019	0.4588	2.9458	3.1033	6.6900e-003	0.2637	0.1468	0.4105	0.0705	0.1407	0.2112	0.0000	589.0003	589.0003	0.0704	0.0000	590.7609
2020	0.7439	0.9437	1.0494	2.1600e-003	0.0752	0.0474	0.1226	0.0201	0.0450	0.0650	0.0000	189.2517	189.2517	0.0276	0.0000	189.9410
Maximum	0.7439	2.9458	3.1033	6.6900e-003	0.2637	0.1468	0.4105	0.0705	0.1407	0.2112	0.0000	589.0003	589.0003	0.0704	0.0000	590.7609

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.1984	2.0074	1.2613	3.8700e-003	0.1219	0.0685	0.1905	0.0370	0.0648	0.1018	0.0000	358.9090	358.9090	0.0445	0.0000	360.0225
2019	0.4588	2.9458	3.1033	6.6900e-003	0.2637	0.1468	0.4105	0.0705	0.1407	0.2112	0.0000	588.9999	588.9999	0.0704	0.0000	590.7606
2020	0.7439	0.9437	1.0494	2.1600e-003	0.0752	0.0474	0.1226	0.0201	0.0450	0.0650	0.0000	189.2516	189.2516	0.0276	0.0000	189.9409
Maximum	0.7439	2.9458	3.1033	6.6900e-003	0.2637	0.1468	0.4105	0.0705	0.1407	0.2112	0.0000	588.9999	588.9999	0.0704	0.0000	590.7606

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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	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	6.04	0.00	3.94	10.50	0.00	3.81	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
3	7-1-2018	9-30-2018	1.2656	1.2656
4	10-1-2018	12-31-2018	0.9409	0.9409
5	1-1-2019	3-31-2019	0.8391	0.8391
6	4-1-2019	6-30-2019	0.8430	0.8430
7	7-1-2019	9-30-2019	0.8523	0.8523
8	10-1-2019	12-31-2019	0.8578	0.8578
9	1-1-2020	3-31-2020	0.7628	0.7628
10	4-1-2020	6-30-2020	0.6326	0.6326
11	7-1-2020	9-30-2020	0.2944	0.2944
		Highest	1.2656	1.2656

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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	1.0866	0.0285	2.4510	1.3000e-004		0.0134	0.0134		0.0134	0.0134	0.0000	3.9756	3.9756	3.9400e-003	0.0000	4.0741
Energy	0.0142	0.1214	0.0516	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003	0.0000	694.2549	694.2549	0.0158	5.2800e-003	696.2233
Mobile	0.5558	2.8181	7.7935	0.0252	1.9895	0.0261	2.0156	0.5334	0.0244	0.5578	0.0000	2,323.7600	2,323.7600	0.1320	0.0000	2,327.0588
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	22.0367	0.0000	22.0367	1.3023	0.0000	54.5950
Water						0.0000	0.0000		0.0000	0.0000	4.8782	171.4959	176.3741	0.5051	0.0127	192.7766
Total	1.6565	2.9679	10.2961	0.0261	1.9895	0.0493	2.0388	0.5334	0.0476	0.5810	26.9149	3,193.4864	3,220.4013	1.9591	0.0180	3,274.7277

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.0866	0.0285	2.4510	1.3000e-004		0.0134	0.0134		0.0134	0.0134	0.0000	3.9756	3.9756	3.9400e-003	0.0000	4.0741
Energy	0.0142	0.1214	0.0516	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003	0.0000	694.2549	694.2549	0.0158	5.2800e-003	696.2233
Mobile	0.5542	2.8072	7.7552	0.0251	1.9777	0.0259	2.0037	0.5302	0.0243	0.5545	0.0000	2,310.6826	2,310.6826	0.1313	0.0000	2,313.9646
Stationary	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	22.0367	0.0000	22.0367	1.3023	0.0000	54.5950
Water						0.0000	0.0000		0.0000	0.0000	4.8782	171.4959	176.3741	0.5051	0.0127	192.7766
Total	1.6550	2.9570	10.2578	0.0260	1.9777	0.0491	2.0268	0.5302	0.0475	0.5777	26.9149	3,180.4090	3,207.3239	1.9584	0.0180	3,261.6336

	ROG	NOx	CO	SO2	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	0.09	0.37	0.37	0.54	0.59	0.28	0.58	0.59	0.29	0.57	0.00	0.41	0.41	0.03	0.00	0.40

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	7/28/2018	9/6/2018	5	29	
2	Grading	Grading	9/7/2018	9/26/2018	5	14	
3	Building Construction	Building Construction	9/27/2018	3/27/2020	5	392	
4	Paving	Paving	3/28/2020	5/27/2020	5	43	
5	Architectural Coating	Architectural Coating	5/28/2020	7/27/2020	5	43	

Acres of Grading (Site Preparation Phase): 2.98

Acres of Grading (Grading Phase): 2.98

Acres of Paving: 0

Residential Indoor: 262,927; Residential Outdoor: 262,927; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Scrapers	1	8.00	367	0.48
Site Preparation	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
Building Construction	Cranes	1	8.00	231	0.29
Building Construction	Forklifts	2	7.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	1	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	3	8.00	0.00	3,929.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	8	170.00	25.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	34.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

- Use Soil Stabilizer
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.3600e-003	0.0000	3.3600e-003	4.4000e-004	0.0000	4.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0275	0.3425	0.1848	3.6000e-004		0.0138	0.0138		0.0127	0.0127	0.0000	32.4700	32.4700	0.0101	0.0000	32.7227
Total	0.0275	0.3425	0.1848	3.6000e-004	3.3600e-003	0.0138	0.0172	4.4000e-004	0.0127	0.0132	0.0000	32.4700	32.4700	0.0101	0.0000	32.7227

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3.2 Site Preparation - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0197	0.6561	0.1353	1.5800e-003	0.0338	2.4300e-003	0.0362	9.2700e-003	2.3300e-003	0.0116	0.0000	154.9522	154.9522	0.0109	0.0000	155.2254
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	5.5000e-004	5.9100e-003	1.0000e-005	1.2700e-003	1.0000e-005	1.2800e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.2630	1.2630	5.0000e-005	0.0000	1.2642
Total	0.0204	0.6566	0.1412	1.5900e-003	0.0350	2.4400e-003	0.0375	9.6100e-003	2.3400e-003	0.0120	0.0000	156.2152	156.2152	0.0110	0.0000	156.4896

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2400e-003	0.0000	1.2400e-003	1.6000e-004	0.0000	1.6000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0275	0.3425	0.1848	3.6000e-004		0.0138	0.0138		0.0127	0.0127	0.0000	32.4699	32.4699	0.0101	0.0000	32.7226
Total	0.0275	0.3425	0.1848	3.6000e-004	1.2400e-003	0.0138	0.0151	1.6000e-004	0.0127	0.0129	0.0000	32.4699	32.4699	0.0101	0.0000	32.7226

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3.2 Site Preparation - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0197	0.6561	0.1353	1.5800e-003	0.0338	2.4300e-003	0.0362	9.2700e-003	2.3300e-003	0.0116	0.0000	154.9522	154.9522	0.0109	0.0000	155.2254
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4000e-004	5.5000e-004	5.9100e-003	1.0000e-005	1.2700e-003	1.0000e-005	1.2800e-003	3.4000e-004	1.0000e-005	3.5000e-004	0.0000	1.2630	1.2630	5.0000e-005	0.0000	1.2642
Total	0.0204	0.6566	0.1412	1.5900e-003	0.0350	2.4400e-003	0.0375	9.6100e-003	2.3400e-003	0.0120	0.0000	156.2152	156.2152	0.0110	0.0000	156.4896

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0437	0.0000	0.0437	0.0233	0.0000	0.0233	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0151	0.1700	0.0727	1.4000e-004		8.1800e-003	8.1800e-003		7.5200e-003	7.5200e-003	0.0000	13.1925	13.1925	4.1100e-003	0.0000	13.2952
Total	0.0151	0.1700	0.0727	1.4000e-004	0.0437	8.1800e-003	0.0519	0.0233	7.5200e-003	0.0309	0.0000	13.1925	13.1925	4.1100e-003	0.0000	13.2952

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3.3 Grading - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	3.3000e-004	3.5700e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.7622	0.7622	3.0000e-005	0.0000	0.7629
Total	3.9000e-004	3.3000e-004	3.5700e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.7622	0.7622	3.0000e-005	0.0000	0.7629

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0162	0.0000	0.0162	8.6500e-003	0.0000	8.6500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0151	0.1700	0.0727	1.4000e-004		8.1800e-003	8.1800e-003		7.5200e-003	7.5200e-003	0.0000	13.1925	13.1925	4.1100e-003	0.0000	13.2952
Total	0.0151	0.1700	0.0727	1.4000e-004	0.0162	8.1800e-003	0.0244	8.6500e-003	7.5200e-003	0.0162	0.0000	13.1925	13.1925	4.1100e-003	0.0000	13.2952

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3.3 Grading - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9000e-004	3.3000e-004	3.5700e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.7622	0.7622	3.0000e-005	0.0000	0.7629
Total	3.9000e-004	3.3000e-004	3.5700e-003	1.0000e-005	7.7000e-004	1.0000e-005	7.7000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.7622	0.7622	3.0000e-005	0.0000	0.7629

3.4 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0990	0.7041	0.5344	8.5000e-004		0.0428	0.0428		0.0410	0.0410	0.0000	71.8603	71.8603	0.0155	0.0000	72.2473
Total	0.0990	0.7041	0.5344	8.5000e-004		0.0428	0.0428		0.0410	0.0410	0.0000	71.8603	71.8603	0.0155	0.0000	72.2473

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3.4 Building Construction - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.9800e-003	0.1065	0.0299	2.2000e-004	5.3500e-003	7.4000e-004	6.0900e-003	1.5500e-003	7.1000e-004	2.2500e-003	0.0000	21.4767	21.4767	1.4700e-003	0.0000	21.5135
Worker	0.0320	0.0274	0.2947	7.0000e-004	0.0633	5.8000e-004	0.0639	0.0168	5.3000e-004	0.0174	0.0000	62.9323	62.9323	2.3700e-003	0.0000	62.9915
Total	0.0360	0.1339	0.3246	9.2000e-004	0.0687	1.3200e-003	0.0700	0.0184	1.2400e-003	0.0196	0.0000	84.4090	84.4090	3.8400e-003	0.0000	84.5050

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0990	0.7041	0.5344	8.5000e-004		0.0428	0.0428		0.0410	0.0410	0.0000	71.8602	71.8602	0.0155	0.0000	72.2472
Total	0.0990	0.7041	0.5344	8.5000e-004		0.0428	0.0428		0.0410	0.0410	0.0000	71.8602	71.8602	0.0155	0.0000	72.2472

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3.4 Building Construction - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.9800e-003	0.1065	0.0299	2.2000e-004	5.3500e-003	7.4000e-004	6.0900e-003	1.5500e-003	7.1000e-004	2.2500e-003	0.0000	21.4767	21.4767	1.4700e-003	0.0000	21.5135
Worker	0.0320	0.0274	0.2947	7.0000e-004	0.0633	5.8000e-004	0.0639	0.0168	5.3000e-004	0.0174	0.0000	62.9323	62.9323	2.3700e-003	0.0000	62.9915
Total	0.0360	0.1339	0.3246	9.2000e-004	0.0687	1.3200e-003	0.0700	0.0184	1.2400e-003	0.0196	0.0000	84.4090	84.4090	3.8400e-003	0.0000	84.5050

3.4 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3338	2.4678	1.9907	3.2600e-003		0.1423	0.1423		0.1364	0.1364	0.0000	273.7294	273.7294	0.0569	0.0000	275.1530
Total	0.3338	2.4678	1.9907	3.2600e-003		0.1423	0.1423		0.1364	0.1364	0.0000	273.7294	273.7294	0.0569	0.0000	275.1530

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3.4 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0138	0.3854	0.1054	8.4000e-004	0.0206	2.4200e-003	0.0230	5.9300e-003	2.3200e-003	8.2500e-003	0.0000	81.5836	81.5836	5.4500e-003	0.0000	81.7197
Worker	0.1111	0.0926	1.0072	2.5900e-003	0.2431	2.1400e-003	0.2452	0.0646	1.9700e-003	0.0665	0.0000	233.6873	233.6873	8.0400e-003	0.0000	233.8882
Total	0.1249	0.4780	1.1126	3.4300e-003	0.2637	4.5600e-003	0.2682	0.0705	4.2900e-003	0.0748	0.0000	315.2709	315.2709	0.0135	0.0000	315.6079

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3338	2.4678	1.9907	3.2600e-003		0.1423	0.1423		0.1364	0.1364	0.0000	273.7290	273.7290	0.0569	0.0000	275.1527
Total	0.3338	2.4678	1.9907	3.2600e-003		0.1423	0.1423		0.1364	0.1364	0.0000	273.7290	273.7290	0.0569	0.0000	275.1527

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3.4 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0138	0.3854	0.1054	8.4000e-004	0.0206	2.4200e-003	0.0230	5.9300e-003	2.3200e-003	8.2500e-003	0.0000	81.5836	81.5836	5.4500e-003	0.0000	81.7197
Worker	0.1111	0.0926	1.0072	2.5900e-003	0.2431	2.1400e-003	0.2452	0.0646	1.9700e-003	0.0665	0.0000	233.6873	233.6873	8.0400e-003	0.0000	233.8882
Total	0.1249	0.4780	1.1126	3.4300e-003	0.2637	4.5600e-003	0.2682	0.0705	4.2900e-003	0.0748	0.0000	315.2709	315.2709	0.0135	0.0000	315.6079

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0721	0.5492	0.4693	7.9000e-004		0.0299	0.0299		0.0286	0.0286	0.0000	65.4080	65.4080	0.0133	0.0000	65.7399
Total	0.0721	0.5492	0.4693	7.9000e-004		0.0299	0.0299		0.0286	0.0286	0.0000	65.4080	65.4080	0.0133	0.0000	65.7399

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3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8600e-003	0.0853	0.0231	2.0000e-004	4.9600e-003	4.0000e-004	5.3600e-003	1.4300e-003	3.8000e-004	1.8100e-003	0.0000	19.5636	19.5636	1.2400e-003	0.0000	19.5946
Worker	0.0247	0.0199	0.2204	6.1000e-004	0.0587	5.0000e-004	0.0592	0.0156	4.6000e-004	0.0161	0.0000	54.6933	54.6933	1.7200e-003	0.0000	54.7364
Total	0.0276	0.1053	0.2435	8.1000e-004	0.0636	9.0000e-004	0.0645	0.0170	8.4000e-004	0.0179	0.0000	74.2569	74.2569	2.9600e-003	0.0000	74.3311

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0721	0.5492	0.4693	7.9000e-004		0.0299	0.0299		0.0286	0.0286	0.0000	65.4079	65.4079	0.0133	0.0000	65.7398
Total	0.0721	0.5492	0.4693	7.9000e-004		0.0299	0.0299		0.0286	0.0286	0.0000	65.4079	65.4079	0.0133	0.0000	65.7398

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3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8600e-003	0.0853	0.0231	2.0000e-004	4.9600e-003	4.0000e-004	5.3600e-003	1.4300e-003	3.8000e-004	1.8100e-003	0.0000	19.5636	19.5636	1.2400e-003	0.0000	19.5946
Worker	0.0247	0.0199	0.2204	6.1000e-004	0.0587	5.0000e-004	0.0592	0.0156	4.6000e-004	0.0161	0.0000	54.6933	54.6933	1.7200e-003	0.0000	54.7364
Total	0.0276	0.1053	0.2435	8.1000e-004	0.0636	9.0000e-004	0.0645	0.0170	8.4000e-004	0.0179	0.0000	74.2569	74.2569	2.9600e-003	0.0000	74.3311

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0248	0.2491	0.2539	3.8000e-004		0.0141	0.0141		0.0130	0.0130	0.0000	33.3374	33.3374	0.0106	0.0000	33.6015
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0248	0.2491	0.2539	3.8000e-004		0.0141	0.0141		0.0130	0.0130	0.0000	33.3374	33.3374	0.0106	0.0000	33.6015

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3.5 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4900e-003	1.2000e-003	0.0133	4.0000e-005	3.5300e-003	3.0000e-005	3.5600e-003	9.4000e-004	3.0000e-005	9.7000e-004	0.0000	3.2939	3.2939	1.0000e-004	0.0000	3.2965
Total	1.4900e-003	1.2000e-003	0.0133	4.0000e-005	3.5300e-003	3.0000e-005	3.5600e-003	9.4000e-004	3.0000e-005	9.7000e-004	0.0000	3.2939	3.2939	1.0000e-004	0.0000	3.2965

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0248	0.2491	0.2539	3.8000e-004		0.0141	0.0141		0.0130	0.0130	0.0000	33.3374	33.3374	0.0106	0.0000	33.6015
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0248	0.2491	0.2539	3.8000e-004		0.0141	0.0141		0.0130	0.0130	0.0000	33.3374	33.3374	0.0106	0.0000	33.6015

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3.5 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.4900e-003	1.2000e-003	0.0133	4.0000e-005	3.5300e-003	3.0000e-005	3.5600e-003	9.4000e-004	3.0000e-005	9.7000e-004	0.0000	3.2939	3.2939	1.0000e-004	0.0000	3.2965
Total	1.4900e-003	1.2000e-003	0.0133	4.0000e-005	3.5300e-003	3.0000e-005	3.5600e-003	9.4000e-004	3.0000e-005	9.7000e-004	0.0000	3.2939	3.2939	1.0000e-004	0.0000	3.2965

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6093					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.2100e-003	0.0362	0.0394	6.0000e-005		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	5.4895	5.4895	4.3000e-004	0.0000	5.5001
Total	0.6145	0.0362	0.0394	6.0000e-005		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	5.4895	5.4895	4.3000e-004	0.0000	5.5001

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3.6 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3700e-003	2.7200e-003	0.0301	8.0000e-005	8.0100e-003	7.0000e-005	8.0800e-003	2.1300e-003	6.0000e-005	2.1900e-003	0.0000	7.4661	7.4661	2.4000e-004	0.0000	7.4720
Total	3.3700e-003	2.7200e-003	0.0301	8.0000e-005	8.0100e-003	7.0000e-005	8.0800e-003	2.1300e-003	6.0000e-005	2.1900e-003	0.0000	7.4661	7.4661	2.4000e-004	0.0000	7.4720

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6093					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.2100e-003	0.0362	0.0394	6.0000e-005		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	5.4895	5.4895	4.3000e-004	0.0000	5.5001
Total	0.6145	0.0362	0.0394	6.0000e-005		2.3900e-003	2.3900e-003		2.3900e-003	2.3900e-003	0.0000	5.4895	5.4895	4.3000e-004	0.0000	5.5001

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3.6 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3700e-003	2.7200e-003	0.0301	8.0000e-005	8.0100e-003	7.0000e-005	8.0800e-003	2.1300e-003	6.0000e-005	2.1900e-003	0.0000	7.4661	7.4661	2.4000e-004	0.0000	7.4720
Total	3.3700e-003	2.7200e-003	0.0301	8.0000e-005	8.0100e-003	7.0000e-005	8.0800e-003	2.1300e-003	6.0000e-005	2.1900e-003	0.0000	7.4661	7.4661	2.4000e-004	0.0000	7.4720

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Integrate Below Market Rate Housing

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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	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5542	2.8072	7.7552	0.0251	1.9777	0.0259	2.0037	0.5302	0.0243	0.5545	0.0000	2,310.6826	2,310.6826	0.1313	0.0000	2,313.9646
Unmitigated	0.5558	2.8181	7.7935	0.0252	1.9895	0.0261	2.0156	0.5334	0.0244	0.5578	0.0000	2,323.7600	2,323.7600	0.1320	0.0000	2,327.0588

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,569.40	1,508.04	1382.96	5,241,911	5,210,879
Total	1,569.40	1,508.04	1,382.96	5,241,911	5,210,879

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.547972	0.046127	0.199330	0.125604	0.017697	0.005953	0.018360	0.027618	0.002341	0.002583	0.004804	0.000667	0.000944

5.0 Energy Detail

Historical Energy Use: N

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5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	553.7086	553.7086	0.0131	2.7100e-003	554.8418
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	553.7086	553.7086	0.0131	2.7100e-003	554.8418
NaturalGas Mitigated	0.0142	0.1214	0.0516	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003	0.0000	140.5463	140.5463	2.6900e-003	2.5800e-003	141.3815
NaturalGas Unmitigated	0.0142	0.1214	0.0516	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003	0.0000	140.5463	140.5463	2.6900e-003	2.5800e-003	141.3815

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	2.63374e+006	0.0142	0.1214	0.0516	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003	0.0000	140.5463	140.5463	2.6900e-003	2.5800e-003	141.3815
Total		0.0142	0.1214	0.0516	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003	0.0000	140.5463	140.5463	2.6900e-003	2.5800e-003	141.3815

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5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	2.63374e+006	0.0142	0.1214	0.0516	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003	0.0000	140.5463	140.5463	2.6900e-003	2.5800e-003	141.3815
Total		0.0142	0.1214	0.0516	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003	0.0000	140.5463	140.5463	2.6900e-003	2.5800e-003	141.3815

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	994159	553.7086	0.0131	2.7100e-003	554.8418
Total		553.7086	0.0131	2.7100e-003	554.8418

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5.3 Energy by Land Use - Electricity**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	994159	553.7086	0.0131	2.7100e-003	554.8418
Total		553.7086	0.0131	2.7100e-003	554.8418

6.0 Area Detail**6.1 Mitigation Measures Area**

No Hearths Installed

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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	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0866	0.0285	2.4510	1.3000e-004		0.0134	0.0134		0.0134	0.0134	0.0000	3.9756	3.9756	3.9400e-003	0.0000	4.0741
Unmitigated	1.0866	0.0285	2.4510	1.3000e-004		0.0134	0.0134		0.0134	0.0134	0.0000	3.9756	3.9756	3.9400e-003	0.0000	4.0741

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	0.0609					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9501					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0756	0.0285	2.4510	1.3000e-004		0.0134	0.0134		0.0134	0.0134	0.0000	3.9756	3.9756	3.9400e-003	0.0000	4.0741
Total	1.0866	0.0285	2.4510	1.3000e-004		0.0134	0.0134		0.0134	0.0134	0.0000	3.9756	3.9756	3.9400e-003	0.0000	4.0741

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0609					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9501					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0756	0.0285	2.4510	1.3000e-004		0.0134	0.0134		0.0134	0.0134	0.0000	3.9756	3.9756	3.9400e-003	0.0000	4.0741
Total	1.0866	0.0285	2.4510	1.3000e-004		0.0134	0.0134		0.0134	0.0134	0.0000	3.9756	3.9756	3.9400e-003	0.0000	4.0741

7.0 Water Detail

7.1 Mitigation Measures Water

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	176.3741	0.5051	0.0127	192.7766
Unmitigated	176.3741	0.5051	0.0127	192.7766

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	15.3764 / 9.69379	176.3741	0.5051	0.0127	192.7766
Total		176.3741	0.5051	0.0127	192.7766

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	15.3764 / 9.69379	176.3741	0.5051	0.0127	192.7766
Total		176.3741	0.5051	0.0127	192.7766

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	22.0367	1.3023	0.0000	54.5950
Unmitigated	22.0367	1.3023	0.0000	54.5950

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8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	108.56	22.0367	1.3023	0.0000	54.5950
Total		22.0367	1.3023	0.0000	54.5950

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	108.56	22.0367	1.3023	0.0000	54.5950
Total		22.0367	1.3023	0.0000	54.5950

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0	0	0	0.73	Diesel
Fire Pump	1	0	0	0	0.73	Diesel

Boilers

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

Equipment Type	Number
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10.1 Stationary Sources

Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (0 - 11 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fire Pump - Diesel (0 - 11 HP)	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

11.0 Vegetation