

Appendix C Air Quality/GHG Modeling Data

Appendices

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Criteria Air Pollutant and GHG Emissions Worksheets

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Regional Construction Emissions Worksheet - Unmitigated

*CalEEMod, Version 2016.3.2

Building Demolition

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	2023 Summer						
	Off-Road	0.6589	6.3623	11.5176	0.0176	0.2859	0.2631
	Total	0.6589	6.3623	11.5176	0.0176	0.2859	0.2631
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.0508	1.6814	0.5205	5.91E-03	0.1458	0.0437
	Worker	0.1131	0.0722	1.0266	3.19E-03	0.3116	0.0848
	Total	0.1639	1.7536	1.5472	9.10E-03	0.4574	0.1285
	TOTAL	0.82	8.12	13.06	0.03	0.74	0.39
Onsite	2023 Winter						
	Off-Road	0.6589	6.3623	11.5176	0.0176	0.2859	0.2631
	Total	0.6589	6.3623	11.5176	0.0176	0.2859	0.2631
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.0534	1.6737	0.5668	5.75E-03	0.1459	0.0438
	Worker	0.1266	0.0799	0.9353	3.00E-03	0.3116	0.0848
	Total	0.18	1.7537	1.5021	8.75E-03	0.4575	0.1286
	TOTAL	0.84	8.12	13.02	0.03	0.74	0.35
Onsite	2023						
	Off-Road	0.66	6.36	11.52	0.02	0.29	0.26
Offsite	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.68	0.57	0.01	0.15	0.04
	Worker	0.13	0.08	1.03	0.00	0.31	0.08
	Total	0.18	1.75	1.55	0.01	0.46	0.13
	TOTAL	0.84	8.12	13.06	0.03	0.74	0.39

Building Demolition Debris Haul

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	2023 Summer						
	Fugitive Dust					0.1327	0.0201
	Off-Road	0	0	0	0	0	0
	Total	0	0	0	0	0.1327	0.0201
Offsite	Hauling	7.74E-03	0.264	0.0838	1.07E-03	0.0232	6.70E-03
	Vendor	8.47E-03	0.2802	0.0868	9.90E-04	0.0243	7.28E-03
	Worker	0.0754	0.0482	0.6844	2.12E-03	0.2078	0.0566
	Total	0.0916	0.5924	0.855	4.18E-03	0.2553	0.0705
	TOTAL	0.09	0.59	0.86	0.00	0.39	0.09
Onsite	2023 Winter						
	Fugitive Dust					0.1327	0.0201
	Off-Road	0	0	0	0	0	0
	Total	0	0	0	0	0.1327	0.0201
Offsite	Hauling	7.99E-03	0.2646	0.0885	1.05E-03	0.0232	6.71E-03
	Vendor	8.90E-03	0.279	0.0945	9.60E-04	0.0243	7.30E-03
	Worker	0.0844	0.0533	0.6235	2.00E-03	0.2078	0.0566
	Total	0.1013	0.5968	0.8065	4.01E-03	0.2553	0.0706

TOTAL		0.10	0.60	0.81	0.00	0.39	0.08
Onsite	2023						
	Fugitive Dust	0.00	0.00	0.00	0.00	0.13	0.02
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.13	0.02
Offsite							
	Hauling	0.01	0.26	0.09	0.00	0.02	0.01
	Vendor	0.01	0.28	0.09	0.00	0.02	0.01
	Worker	0.08	0.05	0.68	0.00	0.21	0.06
	Total	0.10	0.60	0.86	0.00	0.26	0.07
TOTAL		0.10	0.60	0.86	0.00	0.39	0.09

Building Demolition & Building Demolition Haul	0.94	8.71	13.92	0.03	1.13	0.48
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Site Preparation

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	2023 Summer						
	Fugitive Dust					2.4793	1.2627
	Off-Road	1.1339	12.425	6.642	0.0172	0.5074	0.4668
	Total	1.1339	12.425	6.642	0.0172	2.9867	1.7295
Offsite							
	Hauling	0	0	0	0	0	0
	Vendor	0.0127	0.4203	0.1301	1.48E-03	0.0364	0.0109
	Worker	0.0377	0.0241	0.3422	1.06E-03	0.1039	0.0283
	Total	0.0504	0.4444	0.4723	2.54E-03	0.1403	0.0392
TOTAL		1.18	12.87	7.11	0.02	3.13	1.77

Onsite	2023 Winter						
	Fugitive Dust					2.4793	1.2627
	Off-Road	1.1339	12.425	6.642	0.0172	0.5074	0.4668
	Total	1.1339	12.425	6.642	0.0172	2.9867	1.7295
Offsite							
	Hauling	0	0	0	0	0	0
	Vendor	0.0134	0.4184	0.1417	1.44E-03	0.0365	0.0109
	Worker	0.0422	0.0266	0.3118	1.00E-03	0.1039	0.0283
	Total	0.0555	0.4451	0.4535	2.44E-03	0.1403	0.0392
TOTAL		1.19	12.87	7.10	0.02	3.13	1.76

Onsite	2023						
	Fugitive Dust	0.00	0.00	0.00	0.00	2.48	1.26
	Off-Road	1.13	12.43	6.64	0.02	0.51	0.47
	Total	1.13	12.43	6.64	0.02	2.99	1.73
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.42	0.14	0.00	0.04	0.01
	Worker	0.04	0.03	0.34	0.00	0.10	0.03
	Total	0.06	0.45	0.47	0.00	0.14	0.04
TOTAL		1.19	12.87	7.11	0.02	3.13	1.77

Site Preparation Soil Haul

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	2023 Summer						
	Fugitive Dust					2.09E-03	3.20E-04
	Off-Road	0	0	0	0	0	0
	Total	0	0	0	0	2.09E-03	3.20E-04
Offsite	Hauling	0.063	1.7368	0.6971	9.19E-03	0.2202	0.0634
	Vendor	4.23E-03	0.1401	0.0434	4.90E-04	0.0122	3.64E-03
	Worker	0.0377	0.0241	0.3422	1.06E-03	0.1039	0.0283
	Total	0.1049	1.901	1.0827	0.0107	0.3362	0.0953
	TOTAL	0.10	1.90	1.08	0.01	0.34	0.10
Onsite	2023 Winter						
	Fugitive Dust					2.09E-03	3.20E-04
	Off-Road	0	0	0	0	0	0
	Total	0	0	0	0	2.09E-03	3.20E-04
Offsite	Hauling	0.0639	1.7661	0.713	9.10E-03	0.2203	0.0635
	Vendor	4.45E-03	0.1395	0.0472	4.80E-04	0.0122	3.65E-03
	Worker	0.0422	0.0266	0.3118	1.00E-03	0.1039	0.0283
	Total	0.1106	1.9322	1.072	0.0106	0.3363	0.0954
	TOTAL	0.11	1.93	1.07	0.01	0.34	0.03
Onsite	2023						
	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	Hauling	0.06	1.77	0.71	0.01	0.22	0.06
	Vendor	0.00	0.14	0.05	0.00	0.01	0.00
	Worker	0.04	0.03	0.34	0.00	0.10	0.03
	Total	0.11	1.93	1.08	0.01	0.34	0.10
	TOTAL	0.11	1.93	1.08	0.01	0.34	0.10
Site Preparation & Site Prepararation Haul		1.30	14.80	8.20	0.03	3.47	1.86

Rough Grading

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	2023 Summer						
	Fugitive Dust					2.1008	1.0797
	Off-Road	0.9335	10.1789	5.5516	0.0141	0.4201	0.3865
	Total	0.9335	10.1789	5.5516	0.0141	2.5209	1.4662
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.0127	0.4203	0.1301	1.48E-03	0.0364	0.0109
	Worker	0.0377	0.0241	0.3422	1.06E-03	0.1039	0.0283
	Total	0.0504	0.4444	0.4723	2.54E-03	0.1403	0.0392
	TOTAL	0.98	10.62	6.02	0.02	2.66	1.51
Onsite	2023 Winter						
	Fugitive Dust					2.1008	1.0797
	Off-Road	0.9335	10.1789	5.5516	0.0141	0.4201	0.3865
	Total	0.9335	10.1789	5.5516	0.0141	2.5209	1.4662
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.0134	0.4184	0.1417	1.44E-03	0.0365	0.0109
	Worker	0.0422	0.0266	0.3118	1.00E-03	0.1039	0.0283
	Total	0.0555	0.4451	0.4535	2.44E-03	0.1403	0.0392
	TOTAL	0.99	10.62	6.01	0.02	2.66	1.49

Onsite		2023						
	Fugitive Dust		0.00	0.00	0.00	0.00	2.10	1.08
	Off-Road		0.93	10.18	5.55	0.01	0.42	0.39
	Total		0.93	10.18	5.55	0.01	2.52	1.47
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.01	0.42	0.14	0.00	0.04	0.01
	Worker		0.04	0.03	0.34	0.00	0.10	0.03
	Total		0.06	0.45	0.47	0.00	0.14	0.04
TOTAL			0.99	10.62	6.02	0.02	2.66	1.51

Site Preparation Haul & Rough Grading			1.10	12.56	7.11	0.03	3.00	1.60
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Geopiers/Foundation Preparation								
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			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2023 Summer						
	Off-Road		0.8057	8.0356	7.714	0.0154	0.3621	0.3434
	Total		0.8057	8.0356	7.714	0.0154	0.3621	0.3434
Offsite								
	Hauling		0	0	0	0	0	0
	Vendor		0.0931	3.0825	0.9543	0.0108	0.2672	0.0801
	Worker		0.0754	0.0482	0.6844	2.12E-03	0.2078	0.0566
	Total		0.1685	3.1307	1.6387	0.013	0.475	0.1366
TOTAL			0.97	11.17	9.35	0.03	0.84	0.48

Onsite		2023 Winter						
	Off-Road		0.8057	8.0356	7.714	0.0154	0.3621	0.3434
	Total		0.8057	8.0356	7.714	0.0154	0.3621	0.3434
Offsite								
	Hauling		0	0	0	0	0	0
	Vendor		0.0979	3.0685	1.0391	0.0106	0.2674	0.0803
	Worker		0.0844	0.0533	0.6235	2.00E-03	0.2078	0.0566
	Total		0.1823	3.1218	1.6626	0.0126	0.4752	0.1368
TOTAL			0.99	11.16	9.38	0.03	0.84	0.48

Onsite		2023						
	Off-Road		0.81	8.04	7.71	0.02	0.36	0.34
	Total		0.81	8.04	7.71	0.02	0.36	0.34
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		0.10	3.08	1.04	0.01	0.27	0.08
	Worker		0.08	0.05	0.68	0.00	0.21	0.06
	Total		0.18	3.13	1.66	0.01	0.48	0.14
TOTAL			0.99	11.17	9.38	0.03	0.84	0.48

Utility Trenching								
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			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2023 Summer						
	Off-Road		0.538	4.8057	5.8791	8.59E-03	0.3016	0.2775
	Total		0.538	4.8057	5.8791	8.59E-03	0.3016	0.2775
Offsite								
	Hauling		0	0	0	0	0	0
	Vendor		0.0212	0.7006	0.2169	2.46E-03	0.0607	0.0182
	Worker		0.1508	0.0963	1.3689	4.25E-03	0.4155	0.1131
	Total		0.172	0.7969	1.5857	6.71E-03	0.4763	0.1313
TOTAL			0.71	5.60	7.46	0.02	0.78	0.41

Onsite		2023 Winter					
	Off-Road	0.538	4.8057	5.8791	8.59E-03	0.3016	0.2775
	Total	0.538	4.8057	5.8791	8.59E-03	0.3016	0.2775
Offsite							
	Hauling	0	0	0	0	0	0
	Vendor	0.0223	0.6974	0.2362	2.40E-03	0.0608	0.0182
	Worker	0.1688	0.1066	1.2471	4.00E-03	0.4155	0.1131
	Total	0.191	0.804	1.4832	6.40E-03	0.4763	0.1314
TOTAL		0.73	5.61	7.36	0.01	0.78	0.41

Onsite		2023					
	Off-Road	0.54	4.81	5.88	0.01	0.30	0.28
	Total	0.54	4.81	5.88	0.01	0.30	0.28
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.02	0.70	0.24	0.00	0.06	0.02
	Worker	0.17	0.11	1.37	0.00	0.42	0.11
	Total	0.19	0.80	1.59	0.01	0.48	0.13
TOTAL		0.73	5.61	7.46	0.02	0.78	0.41

Geopiers/Extra Foundation Preparation & Utility Trenching		1.72	16.78	16.84	0.04	1.62	0.89
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Building Construction

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2023 Summer					
	Off-Road	1.5233	11.7104	12.6111	0.0221	0.5145	0.4968
	Total	1.5233	11.7104	12.6111	0.0221	0.5145	0.4968
Offsite							
	Hauling	0	0	0	0	0	0
	Vendor	0.0847	2.8023	0.8675	9.85E-03	0.2429	0.0728
	Worker	0.3771	0.2408	3.4221	0.0106	1.0388	0.2828
	Total	0.4617	3.0431	4.2897	0.0205	1.2817	0.3556
TOTAL		1.99	14.75	16.90	0.04	1.80	0.85

Onsite		2023 Winter					
	Off-Road	1.5233	11.7104	12.6111	0.0221	0.5145	0.4968
	Total	1.5233	11.7104	12.6111	0.0221	0.5145	0.4968
Offsite							
	Hauling	0	0	0	0	0	0
	Vendor	0.089	2.7896	0.9446	9.59E-03	0.2431	0.073
	Worker	0.4219	0.2664	3.1177	0.01	1.0388	0.2828
	Total	0.5109	3.056	4.0623	0.0196	1.2819	0.3558
TOTAL		2.03	14.77	16.67	0.04	1.80	0.85

Onsite		2023					
	Off-Road	1.52	11.71	12.61	0.02	0.51	0.50
	Total	1.52	11.71	12.61	0.02	0.51	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.09	2.80	0.94	0.01	0.24	0.07
	Worker	0.42	0.27	3.42	0.01	1.04	0.28
	Total	0.51	3.06	4.29	0.02	1.28	0.36
TOTAL		2.03	14.77	16.90	0.04	1.80	0.85

Utility Trenching & Building Construction	2.76	20.38	24.37	0.06	2.57	1.26
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		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	2024 Summer						
	Off-Road	1.42	11.0639	12.5172	0.0221	0.4506	0.4348
	Total	1.42	11.0639	12.5172	0.0221	0.4506	0.4348
Offsite							
	Hauling	0	0	0	0	0	0
	Vendor	0.0826	2.7916	0.8411	9.81E-03	0.2429	0.0728
	Worker	0.3567	0.2196	3.1902	0.0103	1.0387	0.2827
	Total	0.4393	3.0112	4.0313	0.0201	1.2816	0.3554
TOTAL		1.86	14.08	16.55	0.04	1.73	0.79

Onsite	2024 Winter						
	Off-Road	1.42	11.0639	12.5172	0.0221	0.4506	0.4348
	Total	1.42	11.0639	12.5172	0.0221	0.4506	0.4348
Offsite							
	Hauling	0	0	0	0	0	0
	Vendor	0.0868	2.7795	0.916	9.55E-03	0.243	0.0729
	Worker	0.4004	0.2429	2.9024	9.69E-03	1.0387	0.2827
	Total	0.4872	3.0224	3.8184	0.0192	1.2817	0.3556
TOTAL		1.91	14.09	16.34	0.04	1.73	0.79

Onsite	2024						
	Off-Road	1.42	11.06	12.52	0.02	0.45	0.43
	Total	1.42	11.06	12.52	0.02	0.45	0.43
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.09	2.79	0.92	0.01	0.24	0.07
	Worker	0.40	0.24	3.19	0.01	1.04	0.28
	Total	0.49	3.02	4.03	0.02	1.28	0.36
TOTAL		1.91	14.09	16.55	0.04	1.73	0.79

Architectural Coating						
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		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	2024 Summer						
	Archit. Coating	18.5446				0	0
	Off-Road	0.1808	1.2188	1.8101	2.97E-03	0.0609	0.0609
	Total	18.7254	1.2188	1.8101	2.97E-03	0.0609	0.0609
Offsite							
	Hauling	0	0	0	0	0	0
	Vendor	0.0207	0.6979	0.2103	2.45E-03	0.0607	0.0182
	Worker	0.107	0.0659	0.9571	3.09E-03	0.3116	0.0848
	Total	0.1277	0.7638	1.1673	5.54E-03	0.3723	0.103
TOTAL		18.85	1.98	2.98	0.01	0.43	0.16

Onsite	2024 Winter						
	Archit. Coating	18.5446				0	0
	Off-Road	0.1808	1.2188	1.8101	2.97E-03	0.0609	0.0609
	Total	18.7254	1.2188	1.8101	2.97E-03	0.0609	0.0609
Offsite							
	Hauling	0	0	0	0	0	0
	Vendor	0.0217	0.6949	0.229	2.39E-03	0.0608	0.0182
	Worker	0.1201	0.0729	0.8707	2.91E-03	0.3116	0.0848
	Total	0.1418	0.7677	1.0997	5.30E-03	0.3724	0.103
TOTAL		18.87	1.99	2.91	0.01	0.43	0.16

		2024					
Onsite	Archit. Coating	18.54	0.00	0.00	0.00	0.00	0.00
	Off-Road	0.18	1.22	1.81	0.00	0.06	0.06
	Total	18.73	1.22	1.81	0.00	0.06	0.06
Offsite	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.02	0.70	0.23	0.00	0.06	0.02
	Worker	0.12	0.07	0.96	0.00	0.31	0.08
	Total	0.14	0.77	1.17	0.01	0.37	0.10
TOTAL		18.87	1.99	2.98	0.01	0.43	0.16

Asphalt Demolition

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		2024 Summer					
Onsite	Fugitive Dust						
	Off-Road	0.52	4.4606	9.1118	0.014	0.2113	0.1944
	Total	0.52	4.4606	9.1118	0.014	0.2113	0.1944
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.0289	0.9771	0.2944	3.43E-03	0.085	0.0255
	Worker	0.0713	0.0439	0.638	2.06E-03	0.2077	0.0565
	Total	0.1003	1.021	0.9324	5.49E-03	0.2928	0.082
TOTAL		0.62	5.48	10.04	0.02	0.50	0.28

		2024 Winter					
Onsite	Fugitive Dust	0.52	4.4606	9.1118	0.014	0.2113	0.1944
	Off-Road	0.52	4.4606	9.1118	0.014	0.2113	0.1944
	Total						
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.0304	0.9728	0.3206	3.34E-03	0.0851	0.0255
	Worker	0.0801	0.0486	0.5805	1.94E-03	0.2077	0.0565
	Total	0.1105	1.0214	0.9011	5.28E-03	0.2928	0.0821
TOTAL		0.11	1.02	0.90	0.01	0.29	0.06

		2024					
Onsite	Fugitive Dust	0.52	4.46	9.11	0.01	0.21	0.19
	Off-Road	0.52	4.46	9.11	0.01	0.21	0.19
	Total	0.52	4.46	9.11	0.01	0.21	0.19
Offsite	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.03	0.98	0.32	0.00	0.09	0.03
	Worker	0.08	0.05	0.64	0.00	0.21	0.06
	Total	0.11	1.02	0.93	0.01	0.29	0.08
TOTAL		0.63	5.48	10.04	0.02	0.50	0.28

Asphalt Demolition Debris Haul

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		2024 Summer					
Onsite	Fugitive Dust					1.5716	0.238
	Off-Road	0	0	0	0	0	0
	Total	0	0	0	0	1.5716	0.238
Offsite	Hauling	0.1643	4.478	1.8323	0.0237	0.5713	0.1645
	Vendor	8.26E-03	0.2792	0.0841	9.80E-04	0.0243	7.28E-03
	Worker	0.0713	0.0439	0.638	2.06E-03	0.2077	0.0565
	Total	0.2439	4.8011	2.5545	0.0268	0.8033	0.2283
TOTAL		0.24	4.80	2.55	0.03	2.37	0.47

Onsite	2024 Winter						
	Fugitive Dust				1.5716	0.238	
	Off-Road	0	0	0	0	0	
	Total	0	0	0	1.5716	0.238	
Offsite	Hauling	0.1667	4.5544	1.8727	0.0235	0.5714	0.1646
	Vendor	8.68E-03	0.278	0.0916	9.50E-04	0.0243	7.29E-03
	Worker	0.0801	0.0486	0.5805	1.94E-03	0.2077	0.0565
	Total	0.2554	4.8809	2.5448	0.0264	0.8034	0.2285
TOTAL		0.26	4.88	2.54	0.03	2.38	0.29

Onsite	2024						
	Fugitive Dust	0.00	0.00	0.00	0.00	1.57	0.24
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	1.57	0.24
Offsite	Hauling	0.17	4.55	1.87	0.02	0.57	0.16
	Vendor	0.01	0.28	0.09	0.00	0.02	0.01
	Worker	0.08	0.05	0.64	0.00	0.21	0.06
	Total	0.26	4.88	2.55	0.03	0.80	0.23
TOTAL		0.26	4.88	2.55	0.03	2.38	0.47

Architectural Coating, Asphalt Demolition, & Asphalt Demolition Haul	19.75	12.35	15.58	0.05	3.31	0.91
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Asphalt Paving

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	2024 Summer						
	Off-Road	0.618	5.8607	8.8253	0.0136	0.281	0.2594
	Paving	0.0249				0	0
	Total	0.6429	5.8607	8.8253	0.0136	0.281	0.2594
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.0207	0.6979	0.2103	2.45E-03	0.0607	0.0182
	Worker	0.0713	0.0439	0.638	2.06E-03	0.2077	0.0565
	Total	0.092	0.7418	0.8483	4.51E-03	0.2685	0.0747
TOTAL		0.73	6.60	9.67	0.02	0.55	0.33

Onsite	2024 Winter						
	Off-Road	0.618	5.8607	8.8253	0.0136	0.281	0.2594
	Paving	0.0249				0	0
	Total	0.6429	5.8607	8.8253	0.0136	0.281	0.2594
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.0217	0.6949	0.229	2.39E-03	0.0608	0.0182
	Worker	0.0801	0.0486	0.5805	1.94E-03	0.2077	0.0565
	Total	0.1018	0.7435	0.8095	4.33E-03	0.2685	0.0748
TOTAL		0.74	6.60	9.63	0.02	0.55	0.33

		2024					
Onsite	Off-Road	0.62	5.86	8.83	0.01	0.28	0.26
	Paving	0.02	0.00	0.00	0.00	0.00	0.00
	Total	0.64	5.86	8.83	0.01	0.28	0.26
Offsite	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.02	0.70	0.23	0.00	0.06	0.02
	Worker	0.08	0.05	0.64	0.00	0.21	0.06
	Total	0.10	0.74	0.85	0.00	0.27	0.07
TOTAL		0.74	6.60	9.67	0.02	0.55	0.33

Fine Grading

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		2024 Summer					
Onsite	Fugitive Dust					2.1013	1.0798
	Off-Road	0.9132	9.7297	5.5468	0.0141	0.4001	0.3681
	Total	0.9132	9.7297	5.5468	0.0141	2.5014	1.4479
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.0124	0.4187	0.1262	1.47E-03	0.0364	0.0109
	Worker	0.0357	0.022	0.319	1.03E-03	0.1039	0.0283
	Total	0.0481	0.4407	0.4452	2.50E-03	0.1403	0.0392
TOTAL		0.96	10.17	5.99	0.02	2.64	1.49

		2024 Winter					
Onsite	Fugitive Dust					2.1013	1.0798
	Off-Road	0.9132	9.7297	5.5468	0.0141	0.4001	0.3681
	Total	0.9132	9.7297	5.5468	0.0141	2.5014	1.4479
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.013	0.4169	0.1374	1.43E-03	0.0365	0.0109
	Worker	0.04	0.0243	0.2902	9.70E-04	0.1039	0.0283
	Total	0.0531	0.4412	0.4276	2.40E-03	0.1403	0.0392
TOTAL		0.97	10.17	5.97	0.02	2.64	1.48

		2024					
Onsite	Fugitive Dust	0.00	0.00	0.00	0.00	2.10	1.08
	Off-Road	0.91	9.73	5.55	0.01	0.40	0.37
	Total	0.91	9.73	5.55	0.01	2.50	1.45
Offsite	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.42	0.14	0.00	0.04	0.01
	Worker	0.04	0.02	0.32	0.00	0.10	0.03
	Total	0.05	0.44	0.45	0.00	0.14	0.04
TOTAL		0.97	10.17	5.99	0.02	2.64	1.49

Finishing/Landscaping

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
		2024 Summer					
Onsite	Off-Road	0.0947	0.8879	1.145	1.54E-03	0.0513	0.0472
	Total	0.0947	0.8879	1.145	1.54E-03	0.0513	0.0472
Offsite	Hauling	0	0	0	0	0	0
	Vendor	0.0413	1.3958	0.4206	4.90E-03	0.1214	0.0364
	Worker	0.1427	0.0878	1.2761	4.12E-03	0.4155	0.1131
	Total	0.184	1.4836	1.6966	9.02E-03	0.5369	0.1495
TOTAL		0.28	2.37	2.84	0.01	0.59	0.20

Onsite	2024 Winter					
Off-Road	0.0947	0.8879	1.145	1.54E-03	0.0513	0.0472
Total	0.0947	0.8879	1.145	1.54E-03	0.0513	0.0472
Offsite						
Hauling	0	0	0	0	0	0
Vendor	0.0434	1.3898	0.458	4.77E-03	0.1215	0.0365
Worker	0.1602	0.0972	1.161	3.87E-03	0.4155	0.1131
Total	0.2036	1.4869	1.619	8.64E-03	0.537	0.1495
TOTAL	0.30	2.37	2.76	0.01	0.59	0.20

Onsite	2024					
Off-Road	0.09	0.89	1.15	0.00	0.05	0.05
Total	0.09	0.89	1.15	0.00	0.05	0.05
Offsite						
Hauling	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.04	1.40	0.46	0.00	0.12	0.04
Worker	0.16	0.10	1.28	0.00	0.42	0.11
Total	0.20	1.49	1.70	0.01	0.54	0.15
TOTAL	0.30	2.37	2.84	0.01	0.59	0.20

Individual Development Phase Worst-Case Scenario Max Daily¹	19.75	20.38	24.37	0.06	3.47	1.86
All Activities Overlap²	28.63	95.25	94.88	0.25	17.43	8.42
All Activities Overlap for Three Development Phases³	85.90	285.75	284.65	0.76	52.28	25.27
Regional Thresholds	75	100	550	150	150	55
Exceeds Thresholds?	Yes	Yes	No	No	No	No

¹ Overlap based on the construction schedule for Phase B.

² Assumes all construction activities overlap. Based on emissions generated by the individual development phase worst-case scenario.

³ Assumes all construction activities overlap in addition to the implementation of three development phases concurrently. Based on emissions generated by the individual development phase worst-case scenario.

Localized Construction Emissions Worksheet - Unmitigated

*CalEEMod, Version 2016.3.2

Building Demolition

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2023				
	Off-Road	6.3623	11.5176	0.2859	0.2631
	Total	6.3623	11.5176	0.2859	0.2631
TOTAL		6.36	11.52	0.29	0.26

Onsite	2023				
	Off-Road	6.3623	11.5176	0.2859	0.2631
	Total	6.3623	11.5176	0.2859	0.2631
TOTAL		6.36	11.52	0.29	0.26

Onsite	2023				
	Off-Road	6.36	11.52	0.29	0.26
	Total	6.36	11.52	0.29	0.26
TOTAL		6.36	11.52	0.29	0.26

Building Demolition Debris Haul

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2023				
	Fugitive Dust			0.1327	0.0201
	Off-Road	0	0	0	0
	Total	0	0	0.1327	0.0201
TOTAL		0.00	0.00	0.13	0.02

Onsite	2023				
	Fugitive Dust			0.1327	0.0201
	Off-Road	0	0	0	0
	Total	0	0	0.1327	0.0201
TOTAL		0.00	0.00	0.13	0.02

Onsite	2023				
	Fugitive Dust	0.00	0.00	0.13	0.02
	Off-Road	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.13	0.02

TOTAL		0.00	0.00	0.13	0.02
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Building Demolition & Building Demolition Haul		6.36	11.52	0.42	0.28
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Site Preparation

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2023				
	Fugitive Dust			2.4793	1.2627
	Off-Road	12.425	6.642	0.5074	0.4668
	Total	12.425	6.642	2.9867	1.7295
TOTAL		12.43	6.64	2.99	1.73

Onsite	2023				
	Fugitive Dust			2.4793	1.2627
	Off-Road	12.425	6.642	0.5074	0.4668
	Total	12.425	6.642	2.9867	1.7295
TOTAL		12.43	6.64	2.99	1.73

Onsite	2023				
	Fugitive Dust	0.00	0.00	2.48	1.26
	Off-Road	12.43	6.64	0.51	0.47
	Total	12.43	6.64	2.99	1.73
TOTAL		12.43	6.64	2.99	1.73

Site Preparation Soil Haul

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2023				
	Fugitive Dust			2.09E-03	3.20E-04
	Off-Road	0	0	0	0
	Total	0	0	2.09E-03	3.20E-04
TOTAL		0.00	0.00	0.00	0.00

Onsite	2023				
	Fugitive Dust			2.09E-03	3.20E-04
	Off-Road	0	0	0	0
	Total	0	0	2.09E-03	3.20E-04
TOTAL		0.00	0.00	0.00	0.00

Onsite	2023				
	Fugitive Dust	0.00	0.00	0.00	0.00
	Off-Road	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00
TOTAL		0.00	0.00	0.00	0.00

Site Preparation & Site Preparation Haul		12.43	6.64	2.99	1.73
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Rough Grading

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2023				
	Fugitive Dust			2.1008	1.0797
	Off-Road	10.1789	5.5516	0.4201	0.3865
	Total	10.1789	5.5516	2.5209	1.4662
TOTAL		10.18	5.55	2.52	1.47

Onsite	2023				
	Fugitive Dust			2.1008	1.0797
	Off-Road	10.1789	5.5516	0.4201	0.3865
	Total	10.1789	5.5516	2.5209	1.4662
TOTAL		10.18	5.55	2.52	1.47

Onsite	2023				
	Fugitive Dust	0.00	0.00	2.10	1.08
	Off-Road	10.18	5.55	0.42	0.39
	Total	10.18	5.55	2.52	1.47
TOTAL		10.18	5.55	2.52	1.47

Site Preparation Haul & Rough Grading		10.18	5.55	2.52	1.47
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Geopiers/Foundation Preparation

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2023				
	Off-Road	8.0356	7.714	0.3621	0.3434
	Total	8.0356	7.714	0.3621	0.3434
TOTAL		8.04	7.71	0.36	0.34

Onsite	2023				
	Off-Road	8.0356	7.714	0.3621	0.3434
	Total	8.0356	7.714	0.3621	0.3434
TOTAL		8.04	7.71	0.36	0.34

Onsite	2023				
	Off-Road	8.04	7.71	0.36	0.34
	Total	8.04	7.71	0.36	0.34
TOTAL		8.04	7.71	0.36	0.34

Utility Trenching

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2023				
	Off-Road	4.8057	5.8791	0.3016	0.2775
	Total	4.8057	5.8791	0.3016	0.2775
TOTAL		4.81	5.88	0.30	0.28

Onsite	2023				
	Off-Road	4.8057	5.8791	0.3016	0.2775
	Total	4.8057	5.8791	0.3016	0.2775
TOTAL		4.81	5.88	0.30	0.28

Onsite	2023				
	Off-Road	4.81	5.88	0.30	0.28
	Total	4.81	5.88	0.30	0.28
TOTAL		4.81	5.88	0.30	0.28

Geopiers/Extra Foundation Preparation & Utility Trenching		12.84	13.59	0.66	0.62
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Building Construction

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2023				
	Off-Road	11.7104	12.6111	0.5145	0.4968
	Total	11.7104	12.6111	0.5145	0.4968
TOTAL		11.71	12.61	0.51	0.50

Onsite	2023				
	Off-Road	11.7104	12.6111	0.5145	0.4968
	Total	11.7104	12.6111	0.5145	0.4968
TOTAL		11.71	12.61	0.51	0.50

Onsite	2023				
	Off-Road	11.71	12.61	0.51	0.50
	Total	11.71	12.61	0.51	0.50
TOTAL		11.71	12.61	0.51	0.50

Utility Trenching & Building Construction		16.52	18.49	0.82	0.77
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		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2024				
	Off-Road	11.0639	12.5172	0.4506	0.4348
	Total	11.0639	12.5172	0.4506	0.4348
TOTAL		11.06	12.52	0.45	0.43

Onsite	2024				
	Off-Road	11.0639	12.5172	0.4506	0.4348
	Total	11.0639	12.5172	0.4506	0.4348
TOTAL		11.06	12.52	0.45	0.43

Onsite		2024				
	Off-Road		11.06	12.52	0.45	0.43
	Total		11.06	12.52	0.45	0.43
TOTAL			11.06	12.52	0.45	0.43

Architectural Coating

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		2024				
	Archit. Coating				0	0
	Off-Road		1.2188	1.8101	0.0609	0.0609
	Total		1.2188	1.8101	0.0609	0.0609
TOTAL			1.22	1.81	0.06	0.06

Onsite		2024				
	Archit. Coating				0	0
	Off-Road		1.2188	1.8101	0.0609	0.0609
	Total		1.2188	1.8101	0.0609	0.0609
TOTAL			1.22	1.81	0.06	0.06

Onsite		2024				
	Archit. Coating		0.00	0.00	0.00	0.00
	Off-Road		1.22	1.81	0.06	0.06
	Total		1.22	1.81	0.06	0.06
TOTAL			1.22	1.81	0.06	0.06

Asphalt Demolition

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		2024				
	Fugitive Dust					
	Off-Road		4.4606	9.1118	0.2113	0.1944
	Total		4.4606	9.1118	0.2113	0.1944
TOTAL			4.46	9.11	0.21	0.19

Onsite		2024				
	Fugitive Dust		4.4606	9.1118	0.2113	0.1944
	Off-Road		4.4606	9.1118	0.2113	0.1944
	Total					
TOTAL			0.00	0.00	0.00	0.00

Onsite		2024				
	Fugitive Dust		4.46	9.11	0.21	0.19
	Off-Road		4.46	9.11	0.21	0.19
	Total		4.46	9.11	0.21	0.19
TOTAL			4.46	9.11	0.21	0.19

Asphalt Demolition Debris Haul

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2024				
	Fugitive Dust			1.5716	0.238
	Off-Road	0	0	0	0
	Total	0	0	1.5716	0.238
TOTAL		0.00	0.00	1.57	0.24

Onsite	2024				
	Fugitive Dust			1.5716	0.238
	Off-Road	0	0	0	0
	Total	0	0	1.5716	0.238
TOTAL		0.00	0.00	1.57	0.24

Onsite	2024				
	Fugitive Dust	0.00	0.00	1.57	0.24
	Off-Road	0.00	0.00	0.00	0.00
	Total	0.00	0.00	1.57	0.24
TOTAL		0.00	0.00	1.57	0.24

Architectural Coating, Asphalt Demolition, & Asphalt Demolition Haul

		5.68	10.92	1.84	0.49
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Asphalt Paving

		NOx	CO	PM10 Total	PM2.5 Total
Onsite	2024				
	Off-Road	5.8607	8.8253	0.281	0.2594
	Paving			0	0
	Total	5.8607	8.8253	0.281	0.2594
TOTAL		5.86	8.83	0.28	0.26

Onsite	2024				
	Off-Road	5.8607	8.8253	0.281	0.2594
	Paving			0	0
	Total	5.8607	8.8253	0.281	0.2594
TOTAL		5.86	8.83	0.28	0.26

Onsite	2024				
	Off-Road	5.86	8.83	0.28	0.26
	Paving	0.00	0.00	0.00	0.00
	Total	5.86	8.83	0.28	0.26
TOTAL		5.86	8.83	0.28	0.26

Fine Grading					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite		2024			
	Fugitive Dust			2.1013	1.0798
	Off-Road	9.7297	5.5468	0.4001	0.3681
	Total	9.7297	5.5468	2.5014	1.4479
TOTAL		9.73	5.55	2.50	1.45
Onsite		2024			
	Fugitive Dust			2.1013	1.0798
	Off-Road	9.7297	5.5468	0.4001	0.3681
	Total	9.7297	5.5468	2.5014	1.4479
TOTAL		9.73	5.55	2.50	1.45
Onsite		2024			
	Fugitive Dust	0.00	0.00	2.10	1.08
	Off-Road	9.73	5.55	0.40	0.37
	Total	9.73	5.55	2.50	1.45
TOTAL		9.73	5.55	2.50	1.45
Finishing/Landscaping					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite		2024			
	Off-Road	0.8879	1.145	0.0513	0.0472
	Total	0.8879	1.145	0.0513	0.0472
TOTAL		0.89	1.15	0.05	0.05
Onsite		2024			
	Off-Road	0.8879	1.145	0.0513	0.0472
	Total	0.8879	1.145	0.0513	0.0472
TOTAL		0.89	1.15	0.05	0.05
Onsite		2024			
	Off-Road	0.89	1.15	0.05	0.05
	Total	0.89	1.15	0.05	0.05
TOTAL		0.89	1.15	0.05	0.05
Individual Development Phase Worst-Case Scenario Max Daily¹		16.52	18.49	2.99	1.73
All Activities Overlap²		75.68	76.35	11.78	6.84
All Activities Overlap for Three Development Phases³		227.03	229.06	35.35	20.53
3.36-Acre Screening-Level LSTs⁴		101	1154	10.17	6.36
Exceeds Thresholds?		Yes	No	Yes	Yes

¹ Overlap based on the construction schedule for Phase B.

² Assumes all construction activities overlap. Based on emissions generated by the individual development phase worst-case scenario.

³ Assumes all construction activities overlap in addition to the implementation of three development phases concurrently. Based on emissions generated by the individual development phase worst-case scenario.

⁴ Based on 1.12 acre size for Phase B multiplied by 3 to account for the assumption that up to 3 development phases would occur concurrently.

Regional Operation Emissions Worksheet*

*CalEEMod, Version 2016.3.2

Existing Baseline Year 2020

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	16.0396	0.8287	71.6607	3.77E-03	0.3939	0.3939
Energy	0.2925	2.5123	1.1564	0.016	0.2021	0.2021
Mobile	11.2185	22.6829	148.9708	0.3771	35.2299	9.6836
Total	27.5505	26.0239	221.7879	0.3969	35.8259	10.2796

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	16.0396	0.8287	71.6607	3.77E-03	0.3939	0.3939
Energy	0.2925	2.5123	1.1564	0.016	0.2021	0.2021
Mobile	11.463	24.1105	139.9227	0.3608	35.2281	9.683
Total	27.7951	27.4515	212.7398	0.3806	35.8241	10.279

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	16.039600	0.828700	71.660700	0.003770	0.393900	0.393900
Energy	0.292500	2.512300	1.156400	0.016000	0.202100	0.202100
Mobile	11.463000	24.110500	148.970800	0.377100	35.229900	9.683600
Total	27.80	27.45	221.79	0.40	35.83	10.28

Existing Buildout Year 2033

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	15.988	0.8211	71.2342	3.77E-03	0.396	0.396
Energy	0.2925	2.5123	1.1564	0.016	0.2021	0.2021
Mobile	5.4249	10.0678	74.8864	0.2691	34.936	9.4116
Total	21.7054	13.4012	147.2771	0.2888	35.534	10.0097

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	15.988	0.8211	71.2342	3.77E-03	0.396	0.396
Energy	0.2925	2.5123	1.1564	0.016	0.2021	0.2021
Mobile	5.5886	10.6635	70.5177	0.2579	34.9329	9.4104
Total	21.869	13.9969	142.9083	0.2777	35.531	10.0085

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	15.988000	0.821100	71.234200	0.003770	0.396000	0.396000
Energy	0.292500	2.512300	1.156400	0.016000	0.202100	0.202100
Mobile	5.588600	10.663500	74.886400	0.269100	34.936000	9.411600
Total	21.87	14.00	147.28	0.29	35.53	10.01

Existing Remaining Buildout Year 2033

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	12.6128	0.598	51.8788	2.75E-03	0.2884	0.2884
Energy	0.2048	1.7552	0.7797	0.0112	0.1415	0.1415
Mobile	3.4952	5.7187	44.1086	0.1537	19.9975	5.386
Total	16.3128	8.0718	96.7671	0.1676	20.4274	5.8159

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	12.6128	0.598	51.8788	2.75E-03	0.2884	0.2884
Energy	0.2048	1.7552	0.7797	0.0112	0.1415	0.1415
Mobile	3.6093	6.0657	41.8553	0.1473	19.9959	5.3854
Total	16.4269	8.4188	94.5137	0.1612	20.4258	5.8153

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	12.612800	0.598000	51.878800	0.002750	0.288400	0.288400
Energy	0.204800	1.755200	0.779700	0.011200	0.141500	0.141500
Mobile	3.609300	6.065700	44.108600	0.153700	19.997500	5.386000
Total	16.43	8.42	96.77	0.17	20.43	5.82

Regional Thresholds

	55	55	550	150	150	55
Exceeds Thresholds?	No	No	No	No	No	No

New Proposed Buildout Year 2033

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32.8777	0.712	61.7804	3.27E-03	0.3434	0.3434
Energy	0.3596	3.1077	1.5645	0.0196	0.2484	0.2484
Mobile	6.7005	14.1751	84.7869	0.3059	38.5375	10.4023
Total	39.9378	17.9948	148.1318	0.3288	39.1293	10.9941

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32.8777	0.712	61.7804	3.27E-03	0.3434	0.3434
Energy	0.3596	3.1077	1.5645	0.0196	0.2484	0.2484
Mobile	6.9101	14.9586	80.2478	0.2938	38.5325	10.4005
Total	40.1474	18.7783	143.5928	0.3167	39.1243	10.9923

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32.877700	0.712000	61.780400	0.003270	0.343400	0.343400
Energy	0.359600	3.107700	1.564500	0.019600	0.248400	0.248400
Mobile	6.910100	14.958600	84.786900	0.305900	38.537500	10.402300
Total	40.15	18.78	148.13	0.33	39.13	10.99

Regional Thresholds

	55	55	550	150	150	55
Exceeds Thresholds?	No	No	No	No	No	No

Full Buildout Year 2033

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	45.4905	1.31	113.6592	0.00602	0.6318	0.6318
Energy	0.5644	4.8629	2.3442	0.0308	0.3899	0.3899
Mobile	10.1957	19.8938	128.8955	0.4596	58.535	15.7883
Total	56.2506	26.0667	244.8989	0.49642	59.5567	16.81

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	45.4905	1.31	113.6592	0.00602	0.6318	0.6318
Energy	0.5644	4.8629	2.3442	0.0308	0.3899	0.3899
Mobile	10.5194	21.0243	122.1031	0.4411	58.5284	15.7859
Total	56.5743	27.1972	238.1065	0.47792	59.5501	16.8076

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	45.490500	1.310000	113.659200	0.006020	0.631800	0.631800
Energy	0.564400	4.862900	2.344200	0.030800	0.389900	0.389900
Mobile	10.519400	21.024300	128.895500	0.459600	58.535000	15.788300
Total	56.57	27.20	244.90	0.49642	59.56	16.81

Net Change Buildout Year 2033

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	29.5025	0.4889	42.425	0.00225	0.2358	0.2358
Energy	0.2719	2.3506	1.1878	0.0148	0.1878	0.1878
Mobile	4.7708	9.826	54.0091	0.1905	23.599	6.3767
Total	34.5452	12.6655	97.6218	0.20762	24.0227	6.8003

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	29.5025	0.4889	42.425	0.00225	0.2358	0.2358
Energy	0.2719	2.3506	1.1878	0.0148	0.1878	0.1878
Mobile	4.9308	10.3608	51.5854	0.1832	23.5955	6.3755
Total	34.7053	13.2003	95.1982	0.20022	24.0191	6.7991

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	29.502500	0.488900	42.425000	0.002250	0.235800	0.235800
Energy	0.271900	2.350600	1.187800	0.014800	0.187800	0.187800
Mobile	4.930800	10.360800	54.009100	0.190500	23.599000	6.376700
Total	34.71	13.20	97.62	0.21	24.02	6.80

Regional Thresholds

	55	55	550	150	150	55
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Exceeds Thresholds?

	No	No	No	No	No	No
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Regional Operation Emissions Worksheet*

*CalEEMod, Version 2016.3.2

Existing Baseline Year 2020

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	16.0396	0.8287	71.6607	3.77E-03	0.3939	0.3939
Energy	0.2925	2.5123	1.1564	0.016	0.2021	0.2021
Mobile	11.2185	22.6829	148.9708	0.3771	35.2299	9.6836
Total	27.5505	26.0239	221.7879	0.3969	35.8259	10.2796

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	16.0396	0.8287	71.6607	3.77E-03	0.3939	0.3939
Energy	0.2925	2.5123	1.1564	0.016	0.2021	0.2021
Mobile	11.463	24.1105	139.9227	0.3608	35.2281	9.683
Total	27.7951	27.4515	212.7398	0.3806	35.8241	10.279

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	16.039600	0.828700	71.660700	0.003770	0.393900	0.393900
Energy	0.292500	2.512300	1.156400	0.016000	0.202100	0.202100
Mobile	11.463000	24.110500	148.970800	0.377100	35.229900	9.683600
Total	27.80	27.45	221.79	0.40	35.83	10.28

Existing Buildout Year 2033

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	15.988	0.8211	71.2342	3.77E-03	0.396	0.396
Energy	0.2925	2.5123	1.1564	0.016	0.2021	0.2021
Mobile	5.4249	10.0678	74.8864	0.2691	34.936	9.4116
Total	21.7054	13.4012	147.2771	0.2888	35.534	10.0097

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	15.988	0.8211	71.2342	3.77E-03	0.396	0.396
Energy	0.2925	2.5123	1.1564	0.016	0.2021	0.2021
Mobile	5.5886	10.6635	70.5177	0.2579	34.9329	9.4104
Total	21.869	13.9969	142.9083	0.2777	35.531	10.0085

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	15.988000	0.821100	71.234200	0.003770	0.396000	0.396000
Energy	0.292500	2.512300	1.156400	0.016000	0.202100	0.202100
Mobile	5.588600	10.663500	74.886400	0.269100	34.936000	9.411600
Total	21.87	14.00	147.28	0.29	35.53	10.01

Existing Remaining Buildout Year 2033

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	12.6128	0.598	51.8788	2.75E-03	0.2884	0.2884
Energy	0.2048	1.7552	0.7797	0.0112	0.1415	0.1415
Mobile	3.4952	5.7187	44.1086	0.1537	19.9975	5.386
Total	16.3128	8.0718	96.7671	0.1676	20.4274	5.8159

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	12.6128	0.598	51.8788	2.75E-03	0.2884	0.2884
Energy	0.2048	1.7552	0.7797	0.0112	0.1415	0.1415
Mobile	3.6093	6.0657	41.8553	0.1473	19.9959	5.3854
Total	16.4269	8.4188	94.5137	0.1612	20.4258	5.8153

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	12.612800	0.598000	51.878800	0.002750	0.288400	0.288400
Energy	0.204800	1.755200	0.779700	0.011200	0.141500	0.141500
Mobile	3.609300	6.065700	44.108600	0.153700	19.997500	5.386000
Total	16.43	8.42	96.77	0.17	20.43	5.82

Regional Thresholds

	55	55	550	150	150	55
Exceeds Thresholds?	No	No	No	No	No	No

New Proposed Buildout Year 2033

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32.8777	0.712	61.7804	3.27E-03	0.3434	0.3434
Energy	0.3596	3.1077	1.5645	0.0196	0.2484	0.2484
Mobile	6.7005	14.1751	84.7869	0.3059	38.5375	10.4023
Total	39.9378	17.9948	148.1318	0.3288	39.1293	10.9941

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32.8777	0.712	61.7804	3.27E-03	0.3434	0.3434
Energy	0.3596	3.1077	1.5645	0.0196	0.2484	0.2484
Mobile	6.9101	14.9586	80.2478	0.2938	38.5325	10.4005
Total	40.1474	18.7783	143.5928	0.3167	39.1243	10.9923

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32.877700	0.712000	61.780400	0.003270	0.343400	0.343400
Energy	0.359600	3.107700	1.564500	0.019600	0.248400	0.248400
Mobile	6.910100	14.958600	84.786900	0.305900	38.537500	10.402300
Total	40.15	18.78	148.13	0.33	39.13	10.99

Regional Thresholds

	55	55	550	150	150	55
Exceeds Thresholds?	No	No	No	No	No	No

Full Buildout Year 2033

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	45.4905	1.31	113.6592	0.00602	0.6318	0.6318
Energy	0.5644	4.8629	2.3442	0.0308	0.3899	0.3899
Mobile	10.1957	19.8938	128.8955	0.4596	58.535	15.7883
Total	56.2506	26.0667	244.8989	0.49642	59.5567	16.81

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	45.4905	1.31	113.6592	0.00602	0.6318	0.6318
Energy	0.5644	4.8629	2.3442	0.0308	0.3899	0.3899
Mobile	10.5194	21.0243	122.1031	0.4411	58.5284	15.7859
Total	56.5743	27.1972	238.1065	0.47792	59.5501	16.8076

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	45.490500	1.310000	113.659200	0.006020	0.631800	0.631800
Energy	0.564400	4.862900	2.344200	0.030800	0.389900	0.389900
Mobile	10.519400	21.024300	128.895500	0.459600	58.535000	15.788300
Total	56.57	27.20	244.90	0.49642	59.56	16.81

Net Change Buildout Year 2033

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	29.5025	0.4889	42.425	0.00225	0.2358	0.2358
Energy	0.2719	2.3506	1.1878	0.0148	0.1878	0.1878
Mobile	4.7708	9.826	54.0091	0.1905	23.599	6.3767
Total	34.5452	12.6655	97.6218	0.20762	24.0227	6.8003

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	29.5025	0.4889	42.425	0.00225	0.2358	0.2358
Energy	0.2719	2.3506	1.1878	0.0148	0.1878	0.1878
Mobile	4.9308	10.3608	51.5854	0.1832	23.5955	6.3755
Total	34.7053	13.2003	95.1982	0.20022	24.0191	6.7991

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	29.502500	0.488900	42.425000	0.002250	0.235800	0.235800
Energy	0.271900	2.350600	1.187800	0.014800	0.187800	0.187800
Mobile	4.930800	10.360800	54.009100	0.190500	23.599000	6.376700
Total	34.71	13.20	97.62	0.21	24.02	6.80

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Maximum Daily Operation (Net)	34.71	13.20	97.62	0.21	24.02	6.80
Construction Peak Emissions	85.90	285.75	284.65	0.76	52.28	25.27
Combined	120.60	298.95	382.27	0.97	76.30	32.07

GHG Emissions Inventory

Existing - 2020

Source	Buildout MTCO2e/Year	Percent of Project Total
Area	15	0%
Energy	1,814	21%
Mobile	5,925	68%
Waste	619	7%
Water	311	4%
Total All Sectors	8,684	100%

Proposed Project Buildout - 2033

Worst-Cast Development Phase:	581	MTCO2e
Total Number of Development Phases:	12	phases
Total Construction	6,975	MTCO2e

Proposed Project

Remaining Existing Land Uses

Source	Buildout MTons/Year	Percent of Project Total
Area	11	0%
Energy	919	23%
Mobile	2,597	64%
Waste	381	9%
Water	148	4%
Total All Sectors	4,056	100%

New Land Uses

Source	Buildout MTons/Year	Percent of Project Total
Area	13	0%
Energy	1,541	20%
Mobile	4,850	63%
Waste	1,140	15%
Water	184	2%
Total All Sectors	7,728	100%

Combined

Source	Buildout MTons/Year	Percent of Project Total
Area	24	0%
Energy	2,459	20%
Mobile	7,447	62%
Waste	1,521	13%
Water	332	3%
Amortized Construction Emissions*	233	2%
Total All Sectors	12,016	100%

*Total construction emissions are amortized over 30 years per SCAQMD methodology; SCAQMD. 2010, September 28. Greenhouse Gases (GHG) CEQA Significance Thresholds Working Group Meeting 15.
<http://www.aqmd.gov/ceqa/handbook/GHG/2010/sept28mtg/sept29.html>.

Net Difference

Source	Buildout MTons/Year	Percent Change
Area	9	59%
Energy	645	36%
Mobile	1,522	26%
Waste	902	146%
Water	21	7%
Amortized Construction Emissions	233	n/a
Total All Sectors	3,332	38%
SCAQMD Bright-Line Screening Threshold	3,000	
Exceed Threshold?	Yes	

Criteria Air Pollutant and GHG Modeling Inputs and Assumptions

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CalEEMod Land Use Inputs: Existing

Name: Century Villages
Project Location:
County/Air Basin: Los Angeles County (SC)
Climate Zone: 9
Land Use Setting: Urban
Operational Year: 2020
Utility Company: SCE
Air Basin: SoCAB
Air District: SCAQMD

Total Project Site Area 27.00 acres
 Acreage Disturbed 14.97 acres

Existing				
Land Use	Units	Parking	Land Use Square Feet	Acres
Residential	865		580,340	13.32
Amenities - Indoor	na		12,380	0.28
Education	na		10,200	0.23
Commercial/Retail	na		5,850	0.13
Services/Administration	na		26,300	0.60
Parking	na	520	208,000	4.78
Internal Roadways	na		157,687	3.62
Other Open Space	na		175,363	4.03
Total	865	520	1,176,120	27

Other Use
 Parking Lot 520 parking spaces
 Non-Parking Asphalt 3.62 acres

CalEEMod Land Use Inputs (Passenger Vehicles and Truck Only Model Runs)

Land Use	Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Residential	Residential	Apartment Mid-Rise	865	DU	13.32	580,340
Amenities and Education	Recreational	Recreational Swimming Pool	22.58	1000 sqft	0.52	22,580
Services/Administration	Commercial	General Office	26.30	1000 sqft	0.60	26,300
Retail	Retail	Regional Shopping	5.85	1000 sqft	0.13	5,850
Parking Lot	Parking	Parking Lot	520.00	spaces	4.78	208,000
Other Asphalt	Parking	Other Asphalt	3.62	acres	3.62	157,687
Other Non-Asphalt	Parking	Other Non-Asphalt	4.03	acres	4.03	0
					27.00	

Land Uses/Development

Buildings

Land Use	Existing (SF)	Lot Acreage	Dwelling Units/Rooms
Residential	580,340	13.32	865
Residential Total	580,340	13	865
Amenities and Education	22,580	0.52	
Services/Administration	26,300	0.60	
Retail	5,850	0.13	
Parking*	208,000	4.78	
Non-Residential Total	262,730	6.03	0

*Existing square footage based on CalEEMod default of 400 SF/space.

Trip Generation

*Based on information provided by Fehr & Peers.

Land Use	Weekday		Trip Capture	Transit Credit	Trip Reduction	Adjusted Trip Generation	Adjusted Trip Rates
	Trip Generation Rate	Trip Generation					
Residential	4.15	3589.75	20%	10%	1005.13	2,584.62	2.99
Amenities and Education	28.82	650.76	50%	10%	357.91558	292.84	12.97
Services/Administration	9.74	256.16	25%	10%	83.25265	172.91	6.57
Retail	37.75	220.84	30%	10%	81.709875	139.13	23.78
						3,189.50	
Daily Vehicle Miles Traveled:*	44,876	miles				9455009.959	
Average Trip Length:	14.07	miles/trip	16,334,864			1071262.044	
						632533.8449	
						508954.1518	
Land Use	Saturday		Trip Capture	Transit Credit	Trip Reduction	Adjusted Trip Generation	Adjusted Trip Rates
	Trip Generation Rate	Trip Generation					
Residential	4.15	3589.75	20%	10%	1005.13	2,584.62	2.99
Amenities and Education	9.10	205.48	50%	10%	113.0129	92.47	4.10
Services/Administration	2.21	58.12	25%	10%	18.889975	39.23	1.49
Retail	46.12	269.80	30%	10%	99.82674	169.98	29.06
						2,886.29	
Daily Vehicle Miles Traveled:*	40,610	miles				1891001.992	
Average Trip Length:	14.07	miles/trip	14,782,020			67650.83001	
						28704.30795	
						124360.082	
Land Use	Sunday		Trip Capture	Transit Credit	Trip Reduction	Adjusted Trip Generation	Adjusted Trip Rates
	Trip Generation Rate	Trip Generation					
Residential	4.15	3589.75	20%	10%	1005.13	2,584.62	2.99
Amenities and Education	13.60	307.09	50%	10%	168.8984	138.19	6.12
Services/Administration	0.70	18.41	25%	10%	5.98325	12.43	0.47
Retail	21.10	123.44	30%	10%	45.67095	77.76	13.29
						2,813.00	
Daily Vehicle Miles Traveled:*	39,579	miles					
Average Trip Length:	14.07	miles/trip	14,406,654				

Water Use*

[Info](#)

	Number of Dwelling Units	Water Demand Generation Rate (acre-feet/yr/DU) ¹	Total Annual Water Demand (acre-feet/yr)	Total Annual Water Demand (gal/yr) ²
Residential	865	0.26	225	73,283,890
	Total Building Square Feet	Water Demand Generation Rate (acre-feet/yr/SF) ¹	Total Annual Water Demand (acre-feet/yr)	Total Annual Water Demand (gal/yr) ²
Amenities and Education	22,580	0.00052	12	3,826,012
Services/Administration	26,300	0.00052	14	4,456,338
Retail	5,850	0.00052	3	991,239

¹ Based on CalRecycle waste generation rates. See Table 5.16-2 of Chapter 5.16, Utilities and Service Systems, of the DEIR for further details.

² Assumes 365 days per year.

Summary

Land Use	Total Annual Indoor Water Demand (gpy) ¹	Total Outdoor Water (gpy) ¹	Net Total Annual Outdoor Water Demand (gpy) ¹
Residential	73,283,890	0	73,283,889.90
Amenities and Education	3,826,012	0	3,826,012.10
Services/Administration	4,456,338	0	4,456,338.28
Retail	991,239	0	991,238.74

¹ Assumes all water as indoor water for purposes of modeling.

Solid Waste*

	Number of Dwelling Units	Solid Waste Generation Rate (lbs/day/DU) ¹	Total Daily Solid Waste Generation (lbs/day)	Total Annual Solid Waste Generation (tons/yr) ²
Residential	865	4.00	3,460	631.45
	Total Building Square Feet	Solid Waste Generation Rate (lbs/day/sf) ¹	Total Daily Solid Waste Generation (lbs/day)	Total Annual Solid Waste Generation (tons/yr) ²
Amenities and Education	22,580	0.06	1,355	247.25
Services/Administration	26,300	0.06	1,578	287.99
Retail	5,850	0.06	351	64.06

¹ Based on CalRecycle waste generation rates. See Table 5.16-2 of Chapter 5.16, Utilities and Service Systems, of the DEIR for further details.

² Based on 365 days per year.

Carbon Intensity Factors

Southern California Edison Carbon Intensity Factors

SCE CO ₂ e Intensity Factor ¹	534	pounds per megawatt hour	
	2019 ¹	2030 ²	Adjusted Carbon Intensity (lbs of CO ₂ e/MWh)
Assumed Percent Renewable	35.0%	60%	328.6153846
CO ₂ e MTons/Mwh without Renewable	821.5384615		
	Year 2020	Year 2033	
CO ₂ : ^{1,3}	531.43634	326.0517246	pounds per megawatt hour

CH4: ⁴	0.029	0.029	pound per megawatt hour
N2O: ⁴	0.00617	0.00617	pound per megawatt hour

¹ Based on CO₂e intensity factor of 534 pounds per megawatt hour; Southern California Edison. 2019. 2019 Sustainability Report. <https://www.edison.com/content/dam/eix/documents/sustainability/eix-2019-sustainability-report.pdf>.
² For purposes of the analysis, as the project has a buildout year of 2033, it is anticipated that SCE would meet the 2030 RPS target of 60 percent renewables as established under Senate Bill 100.
³ Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH4 and N2O; Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007.
⁴ CalEEMod default values.

General Conversion Factors

lbs to kg	0.4536
kg to MTons	0.001
Mmbtu to Therm	0.1
Therms to kwh	29.30711111
kilowatt hrs to megawatt hrs	0.001
lbs to Tons	2000
Tons to MTon	0.9071847

Source: California Air Resources Board (CARB). 2010. Local Government Operations Protocol. Version 1.1. Appendix F, Standard Conversion Factors

Global Warming Potentials (GWP)

CO ₂	1
CH ₄	25
N ₂ O	298

Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH4 and N2O; Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007.

Energy

Assumes existing buildings are built to meet the 2005 Building Energy Efficiency Standards.

Architectural Coating

Land Use	Land Use Amount (BSF)	CalEEMod Paintable Surface Area Multiplier*	Total Paintable Surface Area (BSF)	Total Paintable Interior Surface Area (BSF)*	Total Paintable Exterior Surface Area (BSF)*
Residential	580,340	2.7	1,566,918	1,175,189	391,730
			Residential Total	1,175,189	391,730
Amenities and Education	22,580	2.0	45,160	33,870	11,290
Services/Administration	26,300	2.0	52,600	39,450	13,150
Retail	5,850	2.0	11,700	8,775	2,925
			Non-Residential Total	82,095	27,365
Parking Lot	208,000	6%	12,480	0	12,480
			Parking Total	0	42,770

*Based on CalEEMod methodology in calculating the paintable surface areas for a residential and nonresidential building and parking lots.

Hearths

	Dwelling Units with Gas Fireplace	Dwelling Units W/O Fireplace*
Residential	0	865

* Assumed no fireplaces for multi-family dwellings.

CalEEMod Project Characteristics Inputs (Operation): Existing Remaining

Name: Century Villages
 County/Air Basin: Los Angeles County (SC)
 Climate Zone: 9
 Land Use Setting: Urban
 Operational Year: 2033
 Utility Company: SCE
 Air Basin: SoCAB
 Air District: SCAQMD

Total Project Site Area 27.00 acres
 Acreage Disturbed 14.97 acres

Existing Remaining		
Land Use	Units	Land Use Square Feet
Residential	630	481,780
Amenities - Indoor		2,350
Education		0
Commercial/Retail		5,850
Services/Administration		19,050
Total	630	509,030
Internal Roadways		61,487
Parking	365	146,000

CalEEMod Land Use Inputs (Passenger Vehicles and Truck Only Model Runs)

Land Use	Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Residential	Residential	Apartment Mid-Rise	630	DU	3.21	481,780
Amenities and Education	Recreational	Recreational Swimming Pool	2.350	1000 sqft	0.05	2,350
Services/Administration	Commercial	General Office	19.050	1000 sqft	0.44	19,050
Retail	Retail	Regional Shopping	5.850	1000 sqft	0.13	5,850
Parking Lot	Parking	Parking Lot	365	spaces	3.35	146,000
Other Asphalt	Parking	Other Asphalt	1.412	acres	1.41	61,487
Other Non-Asphalt	Parking	Other Non-Asphalt	4.026	acres	4.03	0
					12.62	

Trip Generation

*Based on information provided by Fehr & Peers.

Weekday							
Land Use	Trip Generation Rate	Trip Generation	Trip Capture	Transit Credit	Trip Reduction	Adjusted Trip Generation	Adjusted Trip Rates
Residential	4.15	2614.50	20%	10%	732.06	1,882.44	2.99
Amenities and Education	28.82	67.73	50%	10%	37.24985	30.48	12.97
Services/Administration	9.74	185.55	25%	10%	60.302775	125.24	6.57
Retail	37.75	220.84	30%	10%	81.709875	139.13	23.78
						2,177.29	
Daily Vehicle Miles Traveled:*	25,576	miles					
Average Trip Length:	11.75	miles/trip					

Saturday							
Land Use	Trip Generation Rate	Trip Generation	Trip Capture	Transit Credit	Trip Reduction	Adjusted Trip Generation	Adjusted Trip Rates
Residential	4.15	2614.50	20%	10%	732.06	1,882.44	2.99
Amenities and Education	9.10	21.39	50%	10%	11.76175	9.62	4.10
Services/Administration	2.21	42.10	25%	10%	13.6826625	28.42	1.49
Retail	46.12	269.80	30%	10%	99.82674	169.98	29.06
						2,090.46	
Daily Vehicle Miles Traveled:*	24,556	miles					
Average Trip Length:	11.75	miles/trip					

Sunday							
Land Use	Trip Generation Rate	Trip Generation	Trip Capture	Transit Credit	Trip Reduction	Adjusted Trip Generation	Adjusted Trip Rates
Residential	4.15	2614.50	20%	10%	732.06	1,882.44	2.99
Amenities and Education	13.60	31.96	50%	10%	17.578	14.38	6.12
Services/Administration	0.70	13.34	25%	10%	4.333875	9.00	0.47
Retail	21.10	123.44	30%	10%	45.67095	77.76	13.29
						1,983.59	
Daily Vehicle Miles Traveled:*	23,301	miles					
Average Trip Length:	11.75	miles/trip					

Water Use

	Water Demand Generation		Total Annual Water Demand (acre-feet/yr)	Total Annual Water Demand (gal/yr) ²
	Number of Dwelling Units	Rate (acre-feet/yr/DU) ¹		
Residential	630	0.26	164	53,374,394
Water Demand Generation				
	Water Demand Generation		Total Annual Water Demand (acre-feet/yr)	Total Annual Water Demand (gal/yr) ²
	Total Building Square Feet	Rate (acre-feet/yr/SF) ¹		
Amenities and Education	2,350	0.00052	1	398,190
Services/Administration	19,050	0.00052	10	3,227,880
Retail	5,850	0.00052	3	991,239

¹ Based on CalRecycle waste generation rates. See Table 5.16-2 of Chapter 5.16, Utilities and Service Systems, of the DEIR for further details.

² Assumes 365 days per year.

Summary

Land Use	Total Annual Indoor Water	Total Outdoor Water (gpy) ¹	Net Total Annual Outdoor
	Demand (gpy) ¹		Water Demand (gpy) ¹
Residential	53,374,394	0	53,374,393.80
Amenities and Education	398,190	0	398,189.92
Services/Administration	3,227,880	0	3,227,880.01
Retail	991,239	0	991,238.74

¹ Assumes all water as indoor water for purposes of modeling.

Solid Waste

Land Use	Number of Dwelling Units	Solid Waste Generation	Total Daily Solid Waste	Total Annual Solid
		Rate (lbs/day/du) ¹	Generation (lbs/day)	Waste Generation (tons/yr) ²
Residential	630	4.00	2,520	459.90

Land Use	Total Building Square Feet	Solid Waste Generation	Total Daily Solid Waste	Total Annual Solid
		Rate (lbs/day/sf) ¹	Generation (lbs/day)	Waste Generation (tons/yr) ²
Amenities and Education	2,350	0.06	141	25.73
Services/Administration	19,050	0.06	1,143	208.60
Retail	5,850	0.06	351	64.06

¹ Based on CalRecycle waste generation rates. See Table 5.16-2 of Chapter 5.16, Utilities and Service Systems, of the DEIR for further details.

² Based on 365 days per year.

Architectural Coating

Land Use	Land Use Amount (BSF)	CalEEMod Paintable Surface Area Multiplier*	Total Paintable Surface	Total Paintable Interior Surface Area	Total Paintable Exterior Surface
			Area (BSF)	(BSF)*	Area (BSF)*
Residential	481,780	2.7	1,300,806	975,605	325,202
			Residential Total	975,605	325,202
Amenities and Education	2,350	2.0	4,700	3,525	1,175
Services/Administration	19,050	2.0	38,100	28,575	9,525
Retail	5,850	2.0	11,700	8,775	2,925
			Non-Residential Total	40,875	13,625
Parking Lot	146,000	6%	8,760	0	8,760
			Parking Total	0	8,760

*Based on CalEEMod methodology in calculating the paintable surface areas for a residential and nonresidential building and parking lots.

Energy

Buildings constructed after January 1, 2020 are required to meet the 2019 Building Energy Efficiency Standards, which are result in 30 percent more energy efficiency for non-residential uses compared to the 2016 Building Energy Efficiency Standards.

Carbon Intensity Factors

Southern California Edison Carbon Intensity Factors

SCE CO ₂ e Intensity Factor ¹	534	pounds per megawatt hour	
Assumed Percent Renewable	2019 ¹ 35.0%	2030 ² 60%	Adjusted Carbon Intensity (lbs of CO₂e/MWh) 328.6153846
CO ₂ e MTons/Mwh without Renewable	821.5384615		
CO ₂ : ^{1,3}	326.0517246	pounds per megawatt hour	
CH ₄ : ⁴	0.029	pound per megawatt hour	
N ₂ O: ⁴	0.00617	pound per megawatt hour	

¹ Based on CO₂e intensity factor of 534 pounds per megawatt hour; Southern California Edison. 2019. 2019 Sustainability Report.

<https://www.edison.com/content/dam/eix/documents/sustainability/eix-2019-sustainability-report.pdf>.

² For purposes of the analysis, as the project has a buildout year of 2033, it is anticipated that SCE would meet the 2030 RPS target of 60 percent renewables as established under Senate Bill 100.

³ Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH₄ and N₂O; Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007.

⁴ CalEEMod default values.

General Conversion Factors

lbs to kg	0.4536
kg to MTons	0.001
Mmbtu to Therm	0.1
Therms to kwh	29.30711111
kilowatt hrs to megawatt hrs	0.001
lbs to Tons	2000
Tons to MTon	0.9071847

Source: California Air Resources Board (CARB). 2010. Local Government Operations Protocol. Version 1.1. Appendix F, Standard Conversion Factors

Global Warming Potentials (GWP)

CO ₂	1
CH ₄	25
N ₂ O	298

Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH₄ and N₂O; Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007.

CalEEMod Project Characteristics Inputs (Operation): Proposed Project

Name: Century Villages
County/Air Basin: Los Angeles County (SC)
Climate Zone: 9
Land Use Setting: Urban
Operational Year: 2033
Utility Company: SCE
Air Basin: SoCAB
Air District: South Coast AQMD

Total Project Site Area 27.00 acres
 Acreage Disturbed 14.97 acres

Proposed		
Land Use	Units	Land Use Square Feet
Residential	750	1,301,597
Amenities - Indoor		77,000
Education		15,000
Commercial/Retail		17,000
Services/Administration		48,000
Total	750	1,458,597
Internal Roadways		99,189
Parking	510	204,000
Other Use		
Parking Lot		
Non-Parking Asphalt	99,189	2.277066116
Hardscape	79,385	
Landscaping	137,704	

CalEEMod Land Use Inputs (Passenger Vehicles and Truck Only Model Runs)

Land Use	Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Residential	Residential	Apartment Mid-Rise	750	DU	3.82	1,301,597
Amenities and Education	Recreational	Recreational Swimming Pool	92.000	1000 sqft	2.11	92,000
Services/Administration	Commercial	General Office	48.000	1000 sqft	1.10	48,000
Retail	Retail	Regional Shopping	17.000	1000 sqft	0.39	17,000
Parking Lot	Parking	Parking Lot	510	spaces	4.68	204,000
Other Asphalt	Parking	Other Asphalt	2.277	acres	2.28	99,189
					14.38	

Trip Generation*

*Based on information provided by Fehr & Peers.

Land Use	Weekday		Trip Capture	Transit Credit	Trip Reduction	Adjusted Trip Generation	Adjusted Trip Rates
	Trip Generation Rate	Trip Generation					
Residential	4.15	3112.50	20%	10%	871.5	2,241.00	2.99
Amenities and Education	28.82	2651.44	50%	10%	1458.292	1,193.15	12.97
Services/Administration	9.74	467.52	25%	10%	151.944	315.58	6.57
Retail	37.75	641.75	30%	10%	237.4475	404.30	23.78
						4,154.03	
Daily Vehicle Miles Traveled:*	48,796	miles					
Average Trip Length:	11.75	miles/trip					

		Saturday						
Land Use	Trip Generation Rate	Trip Generation	Trip Capture	Transit Credit	Trip Reduction	Adjusted Trip Generation	Adjusted Trip Rates	
Residential	4.15	3112.50	20%	10%	871.5	2,241.00	2.99	
Amenities and Education	9.10	837.20	50%	10%	460.46	376.74	4.10	
Services/Administration	2.21	106.08	25%	10%	34.476	71.60	1.49	
Retail	46.12	784.04	30%	10%	290.0948	493.95	29.06	
						3,183.29		
Daily Vehicle Miles Traveled:*	37,393	miles						
Average Trip Length:	11.75	miles/trip						
		Sunday						
Land Use	Trip Generation Rate	Trip Generation	Trip Capture	Transit Credit	Trip Reduction	Adjusted Trip Generation	Adjusted Trip Rates	
Residential	4.15	3112.50	20%	10%	871.5	2,241.00	2.99	
Amenities and Education	13.60	1251.20	50%	10%	688.16	563.04	6.12	
Services/Administration	0.70	33.60	25%	10%	10.92	22.68	0.47	
Retail	21.10	358.70	30%	10%	132.719	225.98	13.29	
						3,052.70		
Daily Vehicle Miles Traveled:*	35,859	miles						
Average Trip Length:	11.75	miles/trip						

Water Use

	Number of Dwelling Units	Water Demand Generation Rate (acre-feet/yr/DU) ¹	Total Annual Water Demand (acre-feet/yr)	Total Annual Water Demand (gal/yr) ²
Residential	750	0.26	195	63,540,945
	Total Building Square Feet	Water Demand Generation Rate (acre-feet/yr/SF) ¹	Total Annual Water Demand (acre-feet/yr)	Total Annual Water Demand (gal/yr) ²
Amenities and Education	92,000	0.00052	48	15,588,712
Services/Administration	48,000	0.00052	25	8,133,241
Retail	17,000	0.00052	9	2,880,523

¹ Based on CalRecycle waste generation rates. See Table 5.16-2 of Chapter 5.16, Utilities and Service Systems, of the DEIR for further details.

² Assumes 365 days per year.

Summary

Land Use	Total Annual Indoor Water Demand (gpy) ¹	Total Outdoor Water (gpy) ¹	Net Total Annual Outdoor Water Demand (gpy) ¹
Residential	63,540,945	0	63,540,945.00
Amenities and Education	15,588,712	0	15,588,711.84
Services/Administration	8,133,241	0	8,133,240.96
Retail	2,880,523	0	2,880,522.84

¹ Assumes all water as indoor water for purposes of modeling.

Solid Waste

	Number of Dwelling Units	Solid Waste Generation Rate (lbs/day/DU) ¹	Total Daily Solid Waste Generation (lbs/day)	Total Annual Solid Waste Generation (tons/yr) ²
Residential	750	4.00	3,000	547.50

	Total Building Square Feet	Solid Waste Generation Rate (lbs/day/sf) ¹	Total Daily Solid Waste Generation (lbs/day)	Total Annual Solid Waste Generation (tons/yr) ²
Amenities and Education	92,000	0.06	5,520	1,007.40
Services/Administration	48,000	0.06	2,880	525.60
Retail	17,000	0.06	1,020	186.15

¹ Based on CalRecycle waste generation rates. See Table 5.16-5 of Chapter 5.16, Utilities and Service Systems, of the DEIR for further details.

² Assumes 365 days per year and 2,000 pounds per ton.

Architectural Coating

	Residential Housing	Administrative/Supportive Services Building	Commercial/Retail Building	Educational Center	Amenities
Percentage of Buildings' Interior Painted (%):	90%	3%	1%	1%	5%
Percentage of Buildings' Exterior Painted (%):	90%	3%	1%	1%	5%
Interior Paint VOC content (grams/liter):	<50 grams/liter	100 g/L	100 g/L	100 g/L	100 g/L
Exterior Paint VOC content (grams/liter):	<50 grams/liter	101 g/L	101 g/L	101 g/L	101 g/L

Land Use	Land Use Amount (BSF)	CalEEMod Paintable Surface Area Multiplier*	Total Paintable Surface Area (BSF)	Total Paintable Interior Surface Area (BSF)*	Total Paintable Exterior Surface Area (BSF)*
Residential	1,301,597	2.7	3,514,312	2,372,161	790,720
			Residential Total	2,372,161	790,720
Amenities and Education	92,000	2.0	184,000	6,000	2,000
Services/Administration	48,000	2.0	96,000	2,160	720
Retail	17,000	2.0	34,000	255	85
			Non-Residential Total	8,415	2,805
Parking Lot	204,000	6%	12,240	0	12,240
			Parking Total	0	15,130

*Based on CalEEMod methodology in calculating the paintable surface areas for a residential and nonresidential building and parking lots.

Energy

Buildings constructed after January 1, 2020 are required to meet the 2019 Building Energy Efficiency Standards, which are result in 30 percent more energy efficiency for non-residential uses compared to the 2016 Building Energy Efficiency Standards.

Land Use	Electricity			Natural Gas	
	Title 25 Electricity	Non-Title 24 Electricity	Lighting Electricity	Title 24 Natural Gas	Non-Title 24 Natural Gas
Energy Efficiency Increase Over 2016 Title 24: ¹	10.2%			1.0%	
Apartments Mid Rise	252.63	3054.1	741.44	7012.17	6384
Enclosed Parking with Elevator	3.92	0.19	1.75	0	0
General Office Building	4.6	4.62	3.77	10.02	0.39
Other Asphalt Surfaces	0	0	0	0	0
Recreational Swimming Pool ²	2.25	5.75	3.1	13.65	4.45
Regional Shopping Center	4.01	3.23	6.26	1.15	0.49

Adjusted Energy Rates

Land Use	Title 25 Electricity	Non-Title 24 Electricity	Lighting Electricity	Title 24 Natural Gas	Non-Title 24 Natural Gas
Apartments Mid Rise	226.86	3054.10	741.44	6942.05	6384.00
Enclosed Parking with Elevator	3.52	0.19	1.75	0	0
General Office Building	4.13	4.62	3.77	9.92	0.39
Other Asphalt Surfaces	0	0	0	0	0
Recreational Swimming Pool	2.02	5.75	3.10	13.51	4.45
Regional Shopping Center	3.60	3.23	6.26	1.14	0.49

¹ Source

² Utilizes health club energy rates.

Carbon Intensity Factors

Southern California Edison Carbon Intensity Factors

SCE CO ₂ e Intensity Factor ¹	534	pounds per megawatt hour	
Assumed Percent Renewable	2019 ¹ 35.0%	2030 ² 60%	Adjusted Carbon Intensity (lbs of CO₂e/MWh) 328.6153846
CO ₂ e MTons/Mwh without Renewable	821.5384615		
CO ₂ : ^{1,3}	326.0517246	pounds per megawatt hour	
CH ₄ : ⁴	0.029	pound per megawatt hour	
N ₂ O: ⁴	0.00617	pound per megawatt hour	

¹ Based on CO₂e intensity factor of 534 pounds per megawatt hour; Southern California Edison. 2019. 2019 Sustainability Report. <https://www.edison.com/content/dam/eix/documents/sustainability/eix-2019-sustainability-report.pdf>.

² For purposes of the analysis, as the project has a buildout year of 2033, it is anticipated that SCE would meet the 2030 RPS target of 60 percent renewables as established under Senate Bill 100.

³ Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH₄ and N₂O; Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007.

⁴ CalEEMod default values.

General Conversion Factors

lbs to kg	0.4536
kg to MTons	0.001
Mmbtu to Therm	0.1
Therms to kwh	29.30711111
kilowatt hrs to megawatt hrs	0.001
lbs to Tons	2000
Tons to MTON	0.9071847

Source: California Air Resources Board (CARB). 2010. Local Government Operations Protocol. Version 1.1. Appendix F, Standard Conversion Factors

**Global Warming Potentials
(GWP)**

CO ₂	1
CH ₄	25
N ₂ O	298

Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH4 and N2O; Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007.

Changes to the CalEEMod Defaults - Fleet Mix 2020

Total ADTs: 3,189

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907	100%
Trips	1,747	145	643	392	53	19	62	93	8	8	16	2	3	3,190
Percent	94%					3%		3%						100%
Proportion Assumed Mix	0.583289	0.048387	0.214562	0.130739	0.017693	0.191528	0.607793	1.000000	0.076674	0.074189	0.005330	0.021291	0.028525	100.00%
	97.00%					2.00%		1.00%						
adjusted with Assumed	0.565790	0.046936	0.208125	0.126817	0.017162	0.003831	0.012156	0.010000	0.001533	0.001484	0.005170	0.000426	0.000570	100%
Trips	1,805	150	664	404	55	12	39	32	5	5	16	1	2	3,189
	57%	5%	21%	13%	2%	0%	1%	1%	0%	0%	1%	0%	0%	100%
Modified	0.565790	0.046936	0.208125	0.126817	0.017162	0.003831	0.012156	0.010000	0.001533	0.001484	0.005170	0.000426	0.000570	100.0%
Final Check Trips	1,805	150	664	404	55	12	39	32	5	5	16	1	2	3,189

Changes to the CalEEMod Defaults - Fleet Mix 2033

Total ADTs: 3,189

Commercial Default	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH	
FleetMix (Model Default)	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807	100%
Trips	1,725	140	673	370	43	20	69	114	9	5	17	2	3	3,189
Percent	93%					3%		4%						100%
Proportion Assumed Mix	0.581324	0.047112	0.226802	0.124567	0.014485	0.188408	0.639156	1.000000	0.078570	0.048798	0.005711	0.021375	0.023694	100.00%
	97.00%					2.00%		1.00%						
adjusted with Assumed	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474	100%
Trips	1,799	146	702	385	45	12	41	32	5	3	18	1	2	3,189
	56%	5%	22%	12%	1%	0%	1%	1%	0%	0%	1%	0%	0%	100%
Modified	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474	100.0%
Final Check Trips	1,799	146	702	385	45	12	41	32	5	3	18	1	2	3,189

CalEEMod Project Characteristics Inputs (Construction)

Name: Century Villages
 County/Air Basin: Los Angeles (SC)
 Climate Zone: 9
 Land Use Setting: Urban
 Operational Year:
 Utility Company: SCE
 Air Basin: SoCAB
 Air District: South Coast AQMD
 SRA: 4 - South Coastal Los Angeles

Total Project Site Area 1.12 acres

Proposed		
Land Use	Units	Land Use Square Feet
Residential	100	196,000
Total		
Other Asphalt*	80	32,000
Parking		8,266
Other Use		
Parking Lot		2.277066116
Non-Parking Asphalt	99,189	
Hardscape	79,385	
Landscaping	137,704	

*The proposed 99,189 SF of non-parking asphalt equally proportioned over 12 development phases.

CalEEMod Land Use Inputs (Passenger Vehicles and Truck Only Model Runs)

Land Use	Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Residential	Residential	Apartment Mid-Rise	100	DU	0.93	196,000
Parking Lot	Parking	Enclosed Parking Structure	80	spaces	0	32,000
Other Asphalt	Parking	Other Asphalt	0.190	acres	0.19	8,266
					1.12	

Demolition Haul

Phases	Amount to be Hauled (tons)	Haul Truck Capacity (tons)*	Haul Distance (miles)**	Total Trip Ends	Duration (days)	Trip Ends/Day
Building Demo Debris Haul	580	16	15.1	74	#REF!	#REF!

Phases	Amount to be Hauled (tons)*	Haul Truck Capacity (tons)*	Haul Distance (mile)***	Total Trip Ends	Duration (days)	Trip Ends/Day
Asphalt Demo Debris Haul	859	18	35.9	96	#REF!	#REF!

*Provided by the Applicant.

**Waste Management Transfer Station South Gate at 4489 Ardine St, South Gate, CA 90280.

***United Rocks Product Corporation at 1245 Arrow Hwy, Irwindale, CA 91706.

Soil Haul (Rough Grading Soil Haul)

Activity	Total Export Volume (CY)*	Haul Truck Capacity (CY)*	Haul Distance (miles)*	Total Trip Ends	Total Days*	Trip Ends/Day
Rough Grading	433	12	35.9	74	#REF!	#REF!

*Based on information provided by the Applicant.

**United Rocks Product Corporation at 1245 Arrow Hwy, Irwindale, CA 91706.

	Residential Housing	Administrative/Supportiv e Services Building	Commercial/Retai l Building	Educational Center	Amenities
(%):	90%	3%	1%	1%	5%
Percentage of Buildings' Exterior Painted	90%	3%	1%	1%	5%
Interior Paint VOC content (grams/liter):	<50 grams/liter				
Exterior Paint VOC content (grams/liter):	<50 grams/liter				

Land Use	Land Use Amount (BSF)	CalEEMod Paintable Surface Area Multiplier*	Total Paintable Surface Area (BSF)	Total Paintable Interior Surface Area (BSF)*	Total Paintable Exterior Surface Area (BSF)*
Residential	196,000	2.7	529,200	357,210	119,070
			Residential Total	357,210	119,070
Parking Lot	32,000	6%	1,920	0	1,920
			Parking Total	0	1,920

¹ CalEEMod methodology calculates the paintable interior and exterior areas of a building by multiplying the total paintable surface area by 75 and 25 percent, respectively. For parking lots, the paintable surface area is based on 6 percent of the total surface area of the parking lot.

Construction - Unmitigated Run

SCAQMD Rule 403

Replace Ground Cover
 PM10: 5 % Reduction
 PM25: 5 % Reduction

Water Exposed Area
 Frequency: 2 per day
 PM10: 55 % Reduction
 PM25: 55 % Reduction

Unpaved Roads
 Vehicle Speed: 15 mph

SCAQMD Rule 1186

Clean Paved Road
9 % PM Reduction

Construction Activities and Schedule Assumptions*

* Based on information provided

Construction Activities	Construction Schedule			
	Start Date	End Date	Duration (Calendar Days)	Duration (Work Days)
Phase B				
Building Demolition	3/1/2023	5/23/2023	83	60
Building Demolition Haul	4/1/2023	5/26/2023	55	40
Site Preparation	6/1/2023	6/7/2023	6	5
Site Preparation Soil Haul	6/1/2023	6/14/2023	13	10
Rough Grading	6/9/2023	6/22/2023	13	10
Rough Grading Soil Haul	6/9/2023	6/22/2023	13	10
Geopiers/Extra Found Prep	7/1/2023	9/22/2023	83	60
Utility Trenching	8/1/2023	10/23/2023	83	60
Building Construction	10/15/2023	5/24/2024	222	160
Architectural Coating	6/1/2024	8/23/2024	83	60
Asphalt Demolition	7/1/2024	7/5/2024	4	5
Asphalt Demolition Haul	7/1/2024	7/5/2024	4	5
Asphalt Paving	8/24/2024	9/20/2024	27	20
Fine Grading	9/23/2024	9/27/2024	4	5
Fine Grading Soil Haul (if applicable)	9/23/2024	9/24/2024	1	2
Finishing/Landscaping	10/1/2024	11/25/2024	55	40

Summarized Construction Equipment List

Construction Activity	Equipment Type	Number of Equipment	Hours/Day	Horsepower	Load Factor	Construction	
						Trips	Vendor Trips
Building Demolition						30	24
	Excavator	2	8	158	0.38		
	Skid Steer Loader	2	8	65	0.37		
	Tractors/Loaders/Backhoes	1	8	97	0.37		
	Water Truck	2					4
Building Demolition Haul						20	4
	No additional equipment						
Site Preparation						10	6
	Graders	1	8	187	0.41		
	Rubber Tired Dozers	1	7	247	0.4		
	Tractors/Loaders/Backhoes	1	8	97	0.37		
	Water Truck	2					4
Site Preparation Soil Haul						10	2
	No additional equipment						
Rough Grading						10	6
	Graders	1	6	187	0.41		
	Rubber Tired Dozers	1	6	247	0.4		
	Tractors/Loaders/Backhoes	1	7	97	0.37		
	Water Truck	2					4
Rough Grading Soil Haul							
	No additional equipment						
Geopiers/Extra Found Prep						20	44
	B27 Electric Vibroflots	1	8				
	Generator Sets	1	8	84	0.74		
	Crane	1	8	97	0.37		
	Tractors/Loaders/Backhoes	1	8	231	0.29		
	Water Truck	2					4
Utility Trenching						40	10
	Excavator	1	8	158	0.38		
	Trencher	1	8	78	0.5		
Building Construction						100	40
	Cranes	1	6	231	0.29		
	Forklifts	1	6	89	0.2		
	Generator Sets	1	8	84	0.74		
	Tractors/Loaders/Backhoes	1	6	97	0.37		
	Welders	3	8	46	0.45		

Architectural Coating						30	10
	Air Compressors	1	6	78	0.48		
Asphalt Demolition						20	14
	Excavator	2	8	158	0.38		
	Skid Steer Loader	2	8	65	0.37		
	Tractors/Loaders/Backhoes	1	8	97	0.37		
	Water Truck	2					4
Asphalt Demolition Haul						20	4
	No additional equipment						
Asphalt Paving						20	10
	Cement and Mortar Mixers		1	6	9	0.56	
	Pavers		1	6	130	0.42	
	Paving Equipment		1	8	132	0.36	
	Rollers		1	7	80	0.38	
	Tractors/Loaders/Backhoes		1	8	97	0.37	
Fine Grading						10	6
	Graders	1	6	187	0.41		
	Rubber Tired Dozers	1	6	247	0.4		
	Tractors/Loaders/Backhoes	1	7	97	0.37		
	Water Truck	2					4
Fine Grading Soil Haul (if applicable)							
	No additional equipment						
Finishing/Landscaping						40	20
	Forklifts	1	8	89	0.2		

Construction-Related Vehicle Trips Worksheet

	Daily Worker Trips	Daily Vendor Trips	Daily Haul Trips	Total Haul Trips	Start	End	Duration
Phase 1 - Onsite Area							
Building Demolition	30	24	0	0	2023/03/01	2023/05/23	60
Building Demolition Haul	20	4	2	74	2023/04/01	2023/05/26	40
Site Preparation	10	6	0	0	2023/06/01	2023/06/07	5
Site Preparation Soil Haul	10	2	8	74	2023/06/01	2023/06/14	10
Rough Grading	10	6	0	0	2023/06/09	2023/06/22	10
Geopiers/Extra Found Prep	20	44	0	0	2023/07/01	2023/09/22	60
Utility Trenching	40	10	0	0	2023/08/01	2023/10/23	60
Building Construction	100	40	0	0	2023/10/15	2024/05/24	160
Architectural Coating	30	10	0	0	2024/06/01	2024/08/23	60
Asphalt Demolition	20	14	0	0	2024/07/01	2024/07/05	5
Asphalt Demolition Haul	20	4	20	96	2024/07/01	2024/07/05	5
Asphalt Paving	20	10	0	0	2024/08/24	2024/09/20	20
Fine Grading	10	6	0	0	2024/09/23	2024/09/27	5
Finishing/Landscaping	40	20	0	0	2024/10/01	2024/11/25	40

Adjusted Trips

Construction Scenario	Daily Worker Trips	Daily Vendor Trips	Daily Haul Trips	Total Daily Trips	Start Date	End Date	Workdays
Building Demolition	30	24	0	54	3/1/2023	3/31/2023	23
Building Demolition & Building Demolition Haul	50	28	2	80	4/1/2023	5/26/2023	40
Site Preparation & Site Preparation Haul	20	8	8	36	6/1/2023	6/7/2023	5
Site Preparation Haul	10	2	8	20	6/8/2023	6/8/2023	1
Site Preparation Haul & Rough Grading	20	8	8	36	6/9/2023	6/14/2023	4
Rough Grading	10	6	0	16	6/15/2023	6/22/2023	6
Geopiers/Extra Foundation Preparation	20	44	0	64	7/1/2023	7/31/2023	21
Geopiers/Extra Foundation Preparation & Utility Trenching	60	54	0	114	8/1/2023	9/22/2023	39
Utility Trenching	40	10	0	50	9/23/2023	10/14/2023	15
Utility Trenching & Building Construction	140	50	0	190	10/15/2023	10/23/2023	6
Building Construction (Year 2023)	100	40	0	140	10/24/2023	12/31/2023	49
Building Construction (Year 2024)	100	40	0	140	1/1/2024	5/24/2024	105
Architectural Coating	30	10	0	40	6/1/2024	6/30/2024	20
Architectural Coating, Asphalt Demolition, & Asphalt Demolition Haul	70	28	20	118	7/1/2024	7/5/2024	5
Architectural Coating	30	10	0	40	7/6/2024	8/23/2024	35
Asphalt Paving	20	10	0	30	8/24/2024	9/20/2024	20
Fine Grading	10	6	0	16	9/23/2024	9/27/2024	5
Finishing/Landscaping	40	20	0	60	10/1/2024	11/25/2024	40
Max Daily	140	54	20	190			

Overlap of All Construction Activities	380	200	30	610
Overlap of Three Development Phases	1,140	600	90	1,830

EMFAC2017 Derived CalEEMod Annual Emission Rates: Year 2021^{1,2}

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0061107	0.004380481	0.004496953	0.026957934	0.0090435	0	0	0.0656648	0
Annual	CH4_RUNEX	0.0040136	0.0102229	0.0063277	0.0092304	0.0072756	0.005049836	0.009471698	0.083382427	0.0121223	6.2198061	0.383298	0.0079701	0.0034336
Annual	CH4_STREX	0.0585234	0.0855323	0.0789954	0.0967437	0.0194091	0.013746514	0.013618844	5.41159E-07	0.0230646	0.0108995	0.2371012	0.0061513	0
Annual	CO_IDLEX	0	0	0	0	0.1970035	0.159214191	0.396926211	5.64419367	0.6053788	0	0	2.6757115	0
Annual	CO_RUNEX	0.8609716	1.8378331	1.2347636	1.6347101	0.8514493	0.572981809	0.867904437	0.783861347	1.2384771	42.743129	19.743985	0.6745089	0.3081721
Annual	CO_STREX	2.2315619	2.4463171	2.8612765	3.4823836	1.2733892	0.892953023	1.62829758	0.011240873	2.536935	0.712484	8.4678701	0.8622488	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	8.9621693	13.42256787	70.04306991	1146.115029	98.402819	0	0	354.14429	0
Annual	CO2_NBIO_RUNEX	286.75517	336.32044	367.52793	449.17396	695.35216	698.0155001	1130.501219	1557.295076	1457.5284	1985.0977	223.45396	1133.3376	992.05348
Annual	CO2_NBIO_STREX	56.45708	67.00745	73.708373	89.666497	13.432058	10.60905275	12.85945337	0.113824148	19.876029	8.7420597	60.302861	5.2190888	0
Annual	NOX_IDLEX	0	0	0	0	0.0535158	0.089881596	0.622773207	6.44621692	0.7100767	0	0	3.3578551	0
Annual	NOX_RUNEX	0.0536903	0.1598831	0.1143513	0.1589705	0.8103323	1.080993031	2.735571228	4.61891891	2.5110401	1.2050294	1.1337571	5.2289105	3.8510536
Annual	NOX_STREX ³	0.2095214	0.3044993	0.3450027	0.423254	0.3778929	0.269076809	0.998385698	1.755021511	0.6200788	0.0834593	0.2631913	0.7970624	0
Annual	PM10_IDLEX	0	0	0	0	0.0006753	0.001174191	0.002234335	0.013058929	0.00336	0	0	0.0048914	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.061041559	0.13034	0.0726803	0.01176	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0095182	0.010396907	0.012000003	0.035579073	0.012	0.0318756	0.004	0.0107491	0.016
Annual	PM10_RUNEX	0.002047	0.003245	0.002138	0.0023869	0.0069407	0.010687595	0.074904569	0.060283049	0.0532838	0.0036952	0.0023146	0.031878	0.091837
Annual	PM10_STREX	0.0020733	0.0030811	0.0020991	0.0023461	0.0003336	0.000191487	0.000154926	2.8198E-06	0.000199	3.639E-05	0.0034455	4.535E-05	0
Annual	PM25_IDLEX	0	0	0	0	0.0006461	0.001123396	0.002137678	0.012494005	0.0032147	0	0	0.0046798	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026160668	0.05586	0.0311487	0.00504	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0023796	0.002599227	0.003000001	0.008894768	0.003	0.0079689	0.001	0.0026873	0.004
Annual	PM25_RUNEX	0.0018863	0.0029867	0.0019677	0.0022023	0.0066075	0.010205891	0.071657144	0.057675185	0.0509641	0.0035328	0.0021659	0.0304862	0.0878642
Annual	PM25_STREX	0.0019065	0.0028333	0.0019301	0.0021597	0.0003072	0.000176065	0.000142449	2.61362E-06	0.0001831	3.346E-05	0.0032508	4.17E-05	0
Annual	ROG_DIURN	0.0619524	0.1539653	0.0810719	0.0931978	0.0029778	0.001903454	0.000809021	1.05845E-05	0.0018642	0.0006134	1.0983263	0.0009329	0
Annual	ROG_HTSK	0.1156846	0.2378027	0.140076	0.157956	0.0936034	0.064296603	0.030908904	0.000445431	0.0220091	0.007631	0.691877	0.0079894	0
Annual	ROG_IDLEX	0	0	0	0	0.0241018	0.019469199	0.024903039	0.462580586	0.0681472	0	0	0.3082361	0
Annual	ROG_RESTL	0.057173	0.126114	0.080261	0.096081	0.0017697	0.001133223	0.000498743	7.40247E-06	0.0009319	0.00045	0.6818764	0.0004738	0
Annual	ROG_RUNEX	0.0164765	0.0462388	0.0268219	0.0450318	0.0581221	0.058130969	0.148631725	0.153864977	0.1448009	0.1558745	2.6470837	0.1040379	0.0739241
Annual	ROG_RUNLS	0.2308451	0.8246625	0.4447163	0.4719953	0.6420858	0.437830389	0.167592509	0.002280475	0.2609155	0.0470188	2.1632509	0.0571704	0
Annual	ROG_STREX	0.2724539	0.4418226	0.3785311	0.4927663	0.0970246	0.068393935	0.074460859	2.857E-06	0.1224183	0.0472472	1.8360739	0.0355215	0
Annual	SO2_IDLEX	0	0	0	0	8.726E-05	0.000128927	0.000665678	0.0106642	0.000936	0	0	0.0033776	0
Annual	SO2_RUNEX	0.0028369	0.0033281	0.0036361	0.0044414	0.0068007	0.006767096	0.010810364	0.014252527	0.0141098	0.0014781	0.0022113	0.0108317	0.0093785
Annual	SO2_STREX	0.0005587	0.0006631	0.0007294	0.0008873	0.0001329	0.000104985	0.000127255	1.12638E-06	0.0001967	8.651E-05	0.0005967	5.165E-05	0
Annual	TOG_DIURN	0.0619524	0.1539653	0.0810719	0.0931978	0.0029778	0.001903454	0.000809021	1.05845E-05	0.0018642	0.0006134	1.0983263	0.0009329	0
Annual	TOG_HTSK	0.1156846	0.2378027	0.140076	0.157956	0.0936034	0.064296603	0.030908904	0.000445431	0.0220091	0.007631	0.691877	0.0079894	0
Annual	TOG_IDLEX	0	0	0	0	0.0343104	0.026967338	0.033422445	0.532125018	0.0862825	0	0	0.4421652	0
Annual	TOG_RESTL	0.057173	0.126114	0.080261	0.096081	0.0017697	0.001133223	0.000498743	7.40247E-06	0.0009319	0.00045	0.6818764	0.0004738	0
Annual	TOG_RUNEX	0.0239506	0.067359	0.0390566	0.0620791	0.0752026	0.070560296	0.174487523	0.252126325	0.1755249	6.424139	3.2685613	0.1249119	0.0841576
Annual	TOG_RUNLS	0.2308451	0.8246625	0.4447163	0.4719953	0.6420858	0.437830389	0.167592509	0.002280475	0.2609155	0.0470188	2.1632509	0.0571704	0
Annual	TOG_STREX	0.2982995	0.4837354	0.414442	0.5394354	0.1062121	0.07488275	0.081525268	3.12806E-06	0.1340222	0.0517297	1.9979677	0.0388916	0
Summer	CH4_IDLEX	0	0	0	0	0.0061237	0.004389936	0.004255358	0.027809841	0.0090382	0	0	0.065697	0
Summer	CH4_RUNEX	0.0042787	0.010805	0.0067251	0.0096792	0.0074194	0.005115834	0.009551486	0.083384834	0.0122784	6.2198161	0.3754727	0.0080602	0.0034336
Summer	CH4_STREX	0.0526184	0.0764149	0.0709662	0.0868311	0.0187431	0.013277092	0.013118116	5.18424E-07	0.022176	0.0101333	0.2113879	0.0054885	0
Summer	CO_IDLEX	0	0	0	0	0.1970035	0.159214191	0.316038851	5.484387709	0.5667868	0	0	2.6346235	0

Summer	CO_RUNEX	0.942954	1.9889565	1.3461486	1.7502113	0.8654659	0.580029951	0.877261414	0.784582127	1.2564612	42.74362	18.944965	0.6842365	0.3081721
Summer	CO_STREX	1.9025438	2.0775737	2.437517	2.9688759	1.2166054	0.853178121	1.546571358	0.010676891	2.3993846	0.6271297	7.7295271	0.7035641	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	8.9621693	13.42256787	71.6641988	1147.089702	99.60592	0	0	363.0037	0
Summer	CO2_NBIO_RUNEX	299.35288	349.17412	380.44271	462.7683	695.37767	698.0280099	1130.517778	1557.296285	1457.5602	1985.0986	221.93776	1133.355	992.05348
Summer	CO2_NBIO_STREX	55.836787	66.25641	72.89916	88.67189	13.33002	10.53759657	12.72009555	0.112929817	19.641499	8.5950303	58.431353	4.9546515	0
Summer	NOX_IDLEX	0	0	0	0	0.0535158	0.089881596	0.632329564	6.312287403	0.7156144	0	0	3.4358631	0
Summer	NOX_RUNEX	0.0471865	0.1395881	0.1001953	0.1392736	0.7581272	1.018372359	2.576398983	4.371148591	2.3562847	1.2026542	0.9902538	4.9331883	3.63764
Summer	NOX_STREX ³	0.1939913	0.2820081	0.3194518	0.3919492	0.3620631	0.257810129	0.993058968	1.75493382	0.6094974	0.0798132	0.249366	0.7937447	0
Summer	PM10_IDLEX	0	0	0	0	0.0006753	0.001174191	0.001885816	0.012252105	0.0028372	0	0	0.0041305	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.061041559	0.13034	0.0726803	0.01176	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0095182	0.010396907	0.012000003	0.035579073	0.012	0.0318756	0.004	0.0107491	0.016
Summer	PM10_RUNEX	0.002047	0.003245	0.002138	0.0023869	0.0069407	0.010687595	0.074904569	0.060283049	0.0532838	0.0036952	0.0023146	0.031878	0.091837
Summer	PM10_STREX	0.0020733	0.0030811	0.0020991	0.0023461	0.0003336	0.000191487	0.000154926	2.8198E-06	0.000199	3.639E-05	0.0034455	4.535E-05	0
Summer	PM25_IDLEX	0	0	0	0	0.0006461	0.001123396	0.001804236	0.011722085	0.0027145	0	0	0.0039518	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.026160668	0.05586	0.0311487	0.00504	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0023796	0.002599227	0.003000001	0.008894768	0.003	0.0079689	0.001	0.0026873	0.004
Summer	PM25_RUNEX	0.0018863	0.0029867	0.0019677	0.0022023	0.0066075	0.010205891	0.071657144	0.057675185	0.0509641	0.0035328	0.0021659	0.0304862	0.0878642
Summer	PM25_STREX	0.0019065	0.0028333	0.0019301	0.0021597	0.0003072	0.000176065	0.000142449	2.61362E-06	0.0001831	3.346E-05	0.0032508	4.17E-05	0
Summer	ROG_DIURN	0.0953444	0.2369288	0.1247601	0.1434717	0.0043916	0.002805009	0.001206888	1.66712E-05	0.00269	0.0008898	1.745976	0.0013452	0
Summer	ROG_HTSK	0.1195759	0.2479078	0.1448012	0.1626543	0.0959215	0.066336853	0.031935569	0.000452343	0.0225083	0.0078714	0.7470017	0.0081038	0
Summer	ROG_IDLEX	0	0	0	0	0.0241018	0.019469199	0.023717212	0.478944965	0.067697	0	0	0.3078087	0
Summer	ROG_RESTL	0.0797138	0.1770017	0.1113125	0.1333621	0.0024685	0.001579756	0.000710135	1.13886E-05	0.0013038	0.0006206	1.0947567	0.0006591	0
Summer	ROG_RUNEX	0.0174387	0.0486604	0.0283385	0.0464091	0.058868	0.058441244	0.149032253	0.15387963	0.1455585	0.1559029	2.5769202	0.1044981	0.0739241
Summer	ROG_RUNLS	0.2178194	0.7619195	0.4131507	0.4403536	0.6214572	0.422854988	0.161619417	0.002254628	0.2541014	0.0427012	2.031064	0.0512502	0
Summer	ROG_STREX	0.2430254	0.3922006	0.3375591	0.4389275	0.0934388	0.065888411	0.071536582	2.7448E-06	0.1175011	0.0437507	1.6250491	0.0316753	0
Summer	SO2_IDLEX	0	0	0	0	8.726E-05	0.000128927	0.000681162	0.010672051	0.0009473	0	0	0.0034613	0
Summer	SO2_RUNEX	0.0029615	0.0034553	0.0037639	0.004576	0.006801	0.00676722	0.010810527	0.014252539	0.0141101	0.0014781	0.0021963	0.0108319	0.0093785
Summer	SO2_STREX	0.0005526	0.0006557	0.0007214	0.0008775	0.0001319	0.000104278	0.000125876	1.11753E-06	0.0001944	8.505E-05	0.0005782	4.903E-05	0
Summer	TOG_DIURN	0.0953444	0.2369288	0.1247601	0.1434717	0.0043916	0.002805009	0.001206888	1.66712E-05	0.00269	0.0008898	1.745976	0.0013452	0
Summer	TOG_HTSK	0.1195759	0.2479078	0.1448012	0.1626543	0.0959215	0.066336853	0.031935569	0.000452343	0.0225083	0.0078714	0.7470017	0.0081038	0
Summer	TOG_IDLEX	0	0	0	0	0.0343104	0.026967338	0.031768156	0.550846128	0.08577	0	0	0.4416786	0
Summer	TOG_RESTL	0.0797138	0.1770017	0.1113125	0.1333621	0.0024685	0.001579756	0.000710135	1.13886E-05	0.0013038	0.0006206	1.0947567	0.0006591	0
Summer	TOG_RUNEX	0.0253544	0.0708928	0.0412697	0.0642849	0.076316	0.071013049	0.175071972	0.252148601	0.1766358	6.4241804	3.1846151	0.1255835	0.0841576
Summer	TOG_RUNLS	0.2178194	0.7619195	0.4131507	0.4403536	0.6214572	0.422854988	0.161619417	0.002254628	0.2541014	0.0427012	2.031064	0.0512502	0
Summer	TOG_STREX	0.2660797	0.4294066	0.3695832	0.4805001	0.1022872	0.072139517	0.078323553	3.00521E-06	0.128639	0.0479015	1.7684096	0.0346805	0

Winter	CH4_IDLEX	0	0	0	0	0.0061081	0.004378579	0.004842587	0.020419006	0.0090689	0	0	0.0656817	0
Winter	CH4_RUNEX	0.0039296	0.010035	0.0062016	0.0090788	0.0072362	0.005032015	0.009446957	0.006941381	0.0120776	6.2198037	0.3850485	0.0079428	0.0034336
Winter	CH4_STREX	0.0598619	0.0875995	0.0808168	0.09899	0.0195529	0.013848049	0.013715046	5.46514E-07	0.0232793	0.0110727	0.2425477	0.0063035	0
Winter	CO_IDLEX	0	0	0	0	0.1970035	0.159214191	0.509805745	5.778100962	0.6586724	0	0	2.7324521	0
Winter	CO_RUNEX	0.8308537	1.781604	1.1937065	1.5892081	0.8475862	0.571081502	0.86522268	0.604268269	1.2333058	42.743006	19.903262	0.6715229	0.3081721
Winter	CO_STREX	2.3078684	2.5317599	2.9601659	3.602144	1.2835636	0.900172719	1.644415873	0.011352817	2.565479	0.7294941	8.6096122	0.892323	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	8.9621693	13.42256787	67.7972226	1127.637331	96.741393	0	0	341.90986	0
Winter	CO2_NBIO_RUNEX	282.09898	331.5689	362.7545	444.14438	695.34513	698.0121206	1130.496468	1508.512564	1457.5193	1985.0975	223.76219	1133.3323	992.05348
Winter	CO2_NBIO_STREX	56.600246	67.180185	73.896055	89.8969	13.450765	10.62230595	12.88726259	0.114001674	19.925243	8.77168	60.677201	5.2697207	0
Winter	NOX_IDLEX	0	0	0	0	0.0535158	0.089881596	0.609575384	6.525561244	0.7024295	0	0	3.2501297	0
Winter	NOX_RUNEX	0.0520801	0.1553878	0.1109883	0.1543677	0.7951783	1.061254592	2.683806455	4.482790982	2.4643782	1.2045217	1.1071949	5.1377298	3.7789442
Winter	NOX_STREX ³	0.2129777	0.3095365	0.3506982	0.4302422	0.381479	0.271628917	0.999652549	1.755042357	0.6226227	0.0843001	0.2664458	0.7980324	0
Winter	PM10_IDLEX	0	0	0	0	0.0006753	0.001174191	0.002715622	0.013872359	0.004082	0	0	0.0059422	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060185438	0.13034	0.0726803	0.01176	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0095182	0.010396907	0.012000003	0.035079877	0.012	0.0318756	0.004	0.0107491	0.016
Winter	PM10_RUNEX	0.002047	0.003245	0.002138	0.0023869	0.0069407	0.010687595	0.074904569	0.060169613	0.0532838	0.0036952	0.0023146	0.031878	0.091837
Winter	PM10_STREX	0.0020733	0.0030811	0.0020991	0.0023461	0.0003336	0.000191487	0.000154926	2.8198E-06	0.000199	3.639E-05	0.0034455	4.535E-05	0
Winter	PM25_IDLEX	0	0	0	0	0.0006461	0.001123396	0.002598146	0.013272247	0.0039054	0	0	0.0056851	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.025793759	0.05586	0.0311487	0.00504	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0023796	0.002599227	0.003000001	0.008769969	0.003	0.0079689	0.001	0.0026873	0.004
Winter	PM25_RUNEX	0.0018863	0.0029867	0.0019677	0.0022023	0.0066075	0.010205891	0.071657144	0.057566656	0.0509641	0.0035328	0.0021659	0.0304862	0.0878642
Winter	PM25_STREX	0.0019065	0.0028333	0.0019301	0.0021597	0.0003072	0.000176065	0.000142449	2.61362E-06	0.0001831	3.346E-05	0.0032508	4.17E-05	0
Winter	ROG_DIURN	0.0608579	0.155245	0.0782728	0.0893946	0.0031701	0.002003834	0.000855196	1.11829E-05	0.0019741	0.0006007	1.1932818	0.0009696	0
Winter	ROG_HTSK	0.125827	0.2691164	0.1517926	0.169645	0.1087842	0.073743363	0.033858071	0.000525338	0.0235602	0.008148	0.8901119	0.008617	0
Winter	ROG_IDLEX	0	0	0	0	0.0241018	0.019469199	0.026558681	0.439615594	0.0687689	0	0	0.3088264	0
Winter	ROG_RESTL	0.0546043	0.1205973	0.0765887	0.0918338	0.001753	0.00110736	0.000492095	7.43312E-06	0.0009195	0.0004279	0.6544677	0.0004594	0
Winter	ROG_RUNEX	0.0161532	0.0454136	0.0263131	0.0444751	0.0579148	0.058045794	0.148515653	0.147609299	0.1445811	0.1558674	2.6627956	0.1038965	0.0739241
Winter	ROG_RUNLS	0.261942	0.9758104	0.5206898	0.5484499	0.6955506	0.47667963	0.183790803	0.002413815	0.2795528	0.0571214	2.4776173	0.0701644	0
Winter	ROG_STREX	0.2790722	0.4529361	0.3877473	0.5048577	0.0977936	0.06893301	0.075134314	2.88284E-06	0.1236009	0.0480391	1.8811136	0.0364039	0
Winter	SO2_IDLEX	0	0	0	0	8.726E-05	0.000128927	0.000644225	0.010653358	0.0009203	0	0	0.003262	0
Winter	SO2_RUNEX	0.0027908	0.003281	0.0035889	0.0043917	0.0068007	0.006767063	0.010810317	0.014252523	0.0141097	0.0014781	0.0022143	0.0108316	0.0093785
Winter	SO2_STREX	0.0005601	0.0006648	0.0007313	0.0008896	0.0001331	0.000105116	0.00012753	1.12814E-06	0.0001972	8.68E-05	0.0006005	5.215E-05	0
Winter	TOG_DIURN	0.0608579	0.155245	0.0782728	0.0893946	0.0031701	0.002003834	0.000855196	1.11829E-05	0.0019741	0.0006007	1.1932818	0.0009696	0
Winter	TOG_HTSK	0.125827	0.2691164	0.1517926	0.169645	0.1087842	0.073743363	0.033858071	0.000525338	0.0235602	0.008148	0.8901119	0.008617	0
Winter	TOG_IDLEX	0	0	0	0	0.0343104	0.026967338	0.035733308	0.50046889	0.0869903	0	0	0.4428372	0
Winter	TOG_RESTL	0.0546043	0.1205973	0.0765887	0.0918338	0.001753	0.00110736	0.000492095	7.43312E-06	0.0009195	0.0004279	0.6544677	0.0004594	0
Winter	TOG_RUNEX	0.0234791	0.0661557	0.0383145	0.0612283	0.0748941	0.07043601	0.174318151	0.168228548	0.1752026	6.4241286	3.2873103	0.1247056	0.0841576
Winter	TOG_RUNLS	0.261942	0.9758104	0.5206898	0.5484499	0.6955506	0.47667963	0.183790803	0.002413815	0.2795528	0.0571214	2.4776173	0.0701644	0
Winter	TOG_STREX	0.3055456	0.4959031	0.4245325	0.5526715	0.107054	0.075472969	0.082262616	3.15635E-06	0.1353169	0.0525968	2.0469656	0.0398577	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. <https://www.arb.ca.gov/emfac/2017/>; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Los Angeles (SC) region.

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_x STREX emission rates are utilized.

Off-Model Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissio

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005
2022	1.0004	1.0003	1.0004	1.0018	1.0014
2023	1.0007	1.0006	1.0007	1.0032	1.0027
2024	1.0012	1.001	1.0011	1.0051	1.0044
2025	1.0018	1.0016	1.0016	1.0074	1.0065
2026	1.0023	1.0022	1.002	1.0091	1.0083
2027	1.0028	1.0028	1.0024	1.0105	1.0102
2028	1.0034	1.0035	1.0028	1.0117	1.012
2029	1.004	1.0042	1.0032	1.0129	1.0138
2030	1.0047	1.0051	1.0037	1.0142	1.0156
2031	1.0054	1.0061	1.0042	1.0155	1.0173
2032	1.0061	1.0072	1.0047	1.0169	1.0189
2033	1.0068	1.0083	1.0052	1.0182	1.0204
2034	1.0075	1.0095	1.0058	1.0196	1.0218
2035	1.0081	1.0108	1.0063	1.021	1.0232
2036	1.0088	1.0121	1.0069	1.0223	1.0244
2037	1.0094	1.0134	1.0074	1.0236	1.0255
2038	1.0099	1.0148	1.0079	1.0248	1.0265
2039	1.0104	1.0161	1.0085	1.0259	1.0274
2040	1.0109	1.0174	1.009	1.027	1.0281
2041	1.0113	1.0186	1.0095	1.0279	1.0288
2042	1.0116	1.0198	1.0099	1.0286	1.0294
2043	1.0119	1.0207	1.0103	1.0293	1.0299
2044	1.0122	1.0216	1.0106	1.0299	1.0303
2045	1.0124	1.0225	1.0109	1.0303	1.0306
2046	1.0125	1.0233	1.0111	1.0308	1.0309
2047	1.0127	1.024	1.0113	1.0311	1.0311
2048	1.0128	1.0246	1.0115	1.0314	1.0313
2049	1.0128	1.0252	1.0116	1.0316	1.0315
2050	1.0129	1.0257	1.0117	1.0318	1.0316

2021NOx	2021	NOx	1.0002
2022NOx	2022	NOx	1.0004
2023NOx	2023	NOx	1.0007
2024NOx	2024	NOx	1.0012
2025NOx	2025	NOx	1.0018
2026NOx	2026	NOx	1.0023
2027NOx	2027	NOx	1.0028
2028NOx	2028	NOx	1.0034
2029NOx	2029	NOx	1.004
2030NOx	2030	NOx	1.0047
2031NOx	2031	NOx	1.0054

2032NOx	2032	NOx	1.0061
2033NOx	2033	NOx	1.0068
2034NOx	2034	NOx	1.0075
2035NOx	2035	NOx	1.0081
2036NOx	2036	NOx	1.0088
2037NOx	2037	NOx	1.0094
2038NOx	2038	NOx	1.0099
2039NOx	2039	NOx	1.0104
2040NOx	2040	NOx	1.0109
2041NOx	2041	NOx	1.0113
2042NOx	2042	NOx	1.0116
2043NOx	2043	NOx	1.0119
2044NOx	2044	NOx	1.0122
2045NOx	2045	NOx	1.0124
2046NOx	2046	NOx	1.0125
2047NOx	2047	NOx	1.0127
2048NOx	2048	NOx	1.0128
2049NOx	2049	NOx	1.0128
2050NOx	2050	NOx	1.0129
2021TOG_I	2021	TOG_EV	1.0001
2022TOG_I	2022	TOG_EV	1.0003
2023TOG_I	2023	TOG_EV	1.0006
2024TOG_I	2024	TOG_EV	1.001
2025TOG_I	2025	TOG_EV	1.0016
2026TOG_I	2026	TOG_EV	1.0022
2027TOG_I	2027	TOG_EV	1.0028
2028TOG_I	2028	TOG_EV	1.0035
2029TOG_I	2029	TOG_EV	1.0042
2030TOG_I	2030	TOG_EV	1.0051
2031TOG_I	2031	TOG_EV	1.0061
2032TOG_I	2032	TOG_EV	1.0072
2033TOG_I	2033	TOG_EV	1.0083
2034TOG_I	2034	TOG_EV	1.0095
2035TOG_I	2035	TOG_EV	1.0108
2036TOG_I	2036	TOG_EV	1.0121
2037TOG_I	2037	TOG_EV	1.0134
2038TOG_I	2038	TOG_EV	1.0148
2039TOG_I	2039	TOG_EV	1.0161
2040TOG_I	2040	TOG_EV	1.0174
2041TOG_I	2041	TOG_EV	1.0186
2042TOG_I	2042	TOG_EV	1.0198
2043TOG_I	2043	TOG_EV	1.0207
2044TOG_I	2044	TOG_EV	1.0216
2045TOG_I	2045	TOG_EV	1.0225
2046TOG_I	2046	TOG_EV	1.0233
2047TOG_I	2047	TOG_EV	1.024
2048TOG_I	2048	TOG_EV	1.0246

2049TOG_I	2049	TOG_EV	1.0252
2050TOG_I	2050	TOG_EV	1.0257
2021TOG_I	2021	TOG_Ex	1.0002
2022TOG_I	2022	TOG_Ex	1.0004
2023TOG_I	2023	TOG_Ex	1.0007
2024TOG_I	2024	TOG_Ex	1.0011
2025TOG_I	2025	TOG_Ex	1.0016
2026TOG_I	2026	TOG_Ex	1.002
2027TOG_I	2027	TOG_Ex	1.0024
2028TOG_I	2028	TOG_Ex	1.0028
2029TOG_I	2029	TOG_Ex	1.0032
2030TOG_I	2030	TOG_Ex	1.0037
2031TOG_I	2031	TOG_Ex	1.0042
2032TOG_I	2032	TOG_Ex	1.0047
2033TOG_I	2033	TOG_Ex	1.0052
2034TOG_I	2034	TOG_Ex	1.0058
2035TOG_I	2035	TOG_Ex	1.0063
2036TOG_I	2036	TOG_Ex	1.0069
2037TOG_I	2037	TOG_Ex	1.0074
2038TOG_I	2038	TOG_Ex	1.0079
2039TOG_I	2039	TOG_Ex	1.0085
2040TOG_I	2040	TOG_Ex	1.009
2041TOG_I	2041	TOG_Ex	1.0095
2042TOG_I	2042	TOG_Ex	1.0099
2043TOG_I	2043	TOG_Ex	1.0103
2044TOG_I	2044	TOG_Ex	1.0106
2045TOG_I	2045	TOG_Ex	1.0109
2046TOG_I	2046	TOG_Ex	1.0111
2047TOG_I	2047	TOG_Ex	1.0113
2048TOG_I	2048	TOG_Ex	1.0115
2049TOG_I	2049	TOG_Ex	1.0116
2050TOG_I	2050	TOG_Ex	1.0117
2021PM	2021	PM	1.0009
2022PM	2022	PM	1.0018
2023PM	2023	PM	1.0032
2024PM	2024	PM	1.0051
2025PM	2025	PM	1.0074
2026PM	2026	PM	1.0091
2027PM	2027	PM	1.0105
2028PM	2028	PM	1.0117
2029PM	2029	PM	1.0129
2030PM	2030	PM	1.0142
2031PM	2031	PM	1.0155
2032PM	2032	PM	1.0169
2033PM	2033	PM	1.0182
2034PM	2034	PM	1.0196
2035PM	2035	PM	1.021

2036PM	2036	PM	1.0223
2037PM	2037	PM	1.0236
2038PM	2038	PM	1.0248
2039PM	2039	PM	1.0259
2040PM	2040	PM	1.027
2041PM	2041	PM	1.0279
2042PM	2042	PM	1.0286
2043PM	2043	PM	1.0293
2044PM	2044	PM	1.0299
2045PM	2045	PM	1.0303
2046PM	2046	PM	1.0308
2047PM	2047	PM	1.0311
2048PM	2048	PM	1.0314
2049PM	2049	PM	1.0316
2050PM	2050	PM	1.0318
2021CO	2021	CO	1.0005
2022CO	2022	CO	1.0014
2023CO	2023	CO	1.0027
2024CO	2024	CO	1.0044
2025CO	2025	CO	1.0065
2026CO	2026	CO	1.0083
2027CO	2027	CO	1.0102
2028CO	2028	CO	1.012
2029CO	2029	CO	1.0138
2030CO	2030	CO	1.0156
2031CO	2031	CO	1.0173
2032CO	2032	CO	1.0189
2033CO	2033	CO	1.0204
2034CO	2034	CO	1.0218
2035CO	2035	CO	1.0232
2036CO	2036	CO	1.0244
2037CO	2037	CO	1.0255
2038CO	2038	CO	1.0265
2039CO	2039	CO	1.0274
2040CO	2040	CO	1.0281
2041CO	2041	CO	1.0288
2042CO	2042	CO	1.0294
2043CO	2043	CO	1.0299
2044CO	2044	CO	1.0303
2045CO	2045	CO	1.0306
2046CO	2046	CO	1.0309
2047CO	2047	CO	1.0311
2048CO	2048	CO	1.0313
2049CO	2049	CO	1.0315
2050CO	2050	CO	1.0316
2021CO2	2021	CO2	1.0023
2022CO2	2022	CO2	1.0065

2023CO2	2023	CO2	1.0126
2024CO2	2024	CO2	1.0207
2025CO2	2025	CO2	1.0309
2026CO2	2026	CO2	1.0394
2027CO2	2027	CO2	1.0475
2028CO2	2028	CO2	1.0554
2029CO2	2029	CO2	1.0629
2030CO2	2030	CO2	1.0702
2031CO2	2031	CO2	1.077
2032CO2	2032	CO2	1.0834
2033CO2	2033	CO2	1.0893
2034CO2	2034	CO2	1.0947
2035CO2	2035	CO2	1.0997
2036CO2	2036	CO2	1.1041
2037CO2	2037	CO2	1.108
2038CO2	2038	CO2	1.1114
2039CO2	2039	CO2	1.1143
2040CO2	2040	CO2	1.1168
2041CO2	2041	CO2	1.1189
2042CO2	2042	CO2	1.1207
2043CO2	2043	CO2	1.1221
2044CO2	2044	CO2	1.1233
2045CO2	2045	CO2	1.1243
2046CO2	2046	CO2	1.1251
2047CO2	2047	CO2	1.1258
2048CO2	2048	CO2	1.1263
2049CO2	2049	CO2	1.1268
2050CO2	2050	CO2	1.1272

ns in EMFAC2017

CO2 Exh

- 1.0023
- 1.0065
- 1.0126
- 1.0207
- 1.0309
- 1.0394
- 1.0475
- 1.0554
- 1.0629
- 1.0702
- 1.077
- 1.0834
- 1.0893
- 1.0947
- 1.0997
- 1.1041
- 1.108
- 1.1114
- 1.1143
- 1.1168
- 1.1189
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- 1.1258
- 1.1263
- 1.1268
- 1.1272

LDA CalEEMod Emission Rate Worksheet

Pollutant	Adjustment Factor	Vehicle Class: LDA											CalEEMod Emission Rate	
		Emission Rates			Population			VMT			Trips			
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL		LDA Elec
CH4_IDLEX		0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
CH4_RUNEX		0.004094725	0.001302578	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.004013581
CH4_STREX		0.059893348	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.058523413
CO_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
CO_RUNEX	1	0.877955225	0.33180297	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.860971615
CO_STREX	1	2.28379901	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	2.231561857
CO2_NBIO_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
CO2_NBIO_RUNEX	1	291.4743113	226.5999481	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	286.7551748
CO2_NBIO_STREX	1	57.77864684	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	56.45708045
NOX_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
NOX_RUNEX	1	0.053990058	0.114729302	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.053690315
NOX_STREX	1	0.214425986	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.209521438
PM10_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.008000002
PM10_RUNEX	1	0.001980649	0.01400937	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.002047025
PM10_STREX	1	0.002121857	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.002073324
PM25_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.015750005
PM25_PMTW		0.002000001	0.002000001	0.002000001	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.002000001
PM25_RUNEX	1	0.001821198	0.013403331	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.001886349
PM25_STREX	1	0.001951162	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.001906533
ROG_DIURN		0.298674885	0	0.022407439	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.061952377
ROG_HTSK		0.118316517	0	0.004888026	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.115684611
ROG_IDLEX		0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
ROG_RESTL		0.275826153	0	0.007500233	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.057172991
ROG_RUNEX		0.016626382	0.028043737	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.016476543
ROG_RUNLS		0.236248824	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.230845124
ROG_STREX		0.278831625	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.272453931
SO2_IDLEX		0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
SO2_RUNEX		0.002884375	0.002142184	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.002836884
SO2_STREX		0.000571767	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.000558689
TOG_DIURN	1	0.298674885	0	0.022407439	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.061952377
TOG_HTSK	1	0.118316517	0	0.004888026	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.115684611
TOG_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
TOG_RESTL	1	0.275826153	0	0.007500233	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.057172991
TOG_RUNEX	1	0.024239818	0.03192593	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.023950634
TOG_RUNLS	1	0.236248824	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.230845124
TOG_STREX	1	0.305282238	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.298299541
CH4_IDLEX		0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
CH4_RUNEX		0.004365867	0.001302578	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.004278669
CH4_STREX		0.053850089	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.052618381
CO_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
CO_RUNEX	1	0.961809917	0.33180297	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.942953989
CO_STREX	1	1.947079204	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	1.902543816
CO2_NBIO_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
CO2_NBIO_RUNEX	1	304.359721	226.5999481	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	299.3528774
CO2_NBIO_STREX	1	57.14383324	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	55.83678689
NOX_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
NOX_RUNEX	1	0.047388581	0.108429411	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.047186501
NOX_STREX	1	0.198532285	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.193991272
PM10_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.008000002
PM10_RUNEX	1	0.001980649	0.01400937	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.002047025
PM10_STREX	1	0.002121857	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.002073324
PM25_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.015750005
PM25_PMTW		0.002000001	0.002000001	0.002000001	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14				

CH4_IDLEX	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0	
CH4_RUNEX	0.004008817	0.001302578	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.003929591	
CH4_STREX	0.061263122	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.059861855	
CO_IDLEX	1	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0	
CO_RUNEX	1	0.847149487	0.33180297	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.830853712
CO_STREX	1	2.361891734	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	2.307868372
CO2_NBIO_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
CO2_NBIO_RUNEX	1	286.7117747	226.5999481	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	282.0989767
CO2_NBIO_STREX	1	57.92516373	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	56.60024607
NOX_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
NOX_RUNEX	1	0.052360577	0.112556072	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.05208006
NOX_STREX	1	0.217963105	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.212977652
PM10_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
PM10_PMBW	0.036750011	0.036750011	0.036750011	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.036750011	
PM10_PMTW	0.008000002	0.008000002	0.008000002	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.008000002	
PM10_RUNEX	1	0.001980649	0.01400937	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.002047025
PM10_STREX	1	0.002121857	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.002073324
PM25_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
PM25_PMBW	0.015750005	0.015750005	0.015750005	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.015750005	
PM25_PMTW	0.002000001	0.002000001	0.002000001	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.002000001	
PM25_RUNEX	1	0.001821198	0.013403331	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.001886349
PM25_STREX	1	0.001951162	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.001906533
ROG_DIURN	0.293484241	0	0.016129757	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.060857856	
ROG_HTSK	0.128696367	0	0.004888026	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.125827044	
ROG_IDLEX	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0	
ROG_RESTL	0.26347167	0	0.004571725	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.054604303	
ROG_RUNEX	0.016295655	0.028043737	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.016153201	
ROG_RUNLS	0.268073663	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.261942036	
ROG_STREX	0.285604853	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.279072235	
SO2_IDLEX	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0	
SO2_RUNEX	0.002837245	0.002142184	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.002790807	
SO2_STREX	0.000573216	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.000560105	
TOG_DIURN	1	0.293484241	0	0.016129757	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.060857856
TOG_HTSK	1	0.128696367	0	0.004888026	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.125827044
TOG_IDLEX	1	0	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0
TOG_RESTL	1	0.26347167	0	0.004571725	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.054604303
TOG_RUNEX	1	0.023757523	0.03192593	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.023479107
TOG_RUNLS	1	0.268073663	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.261942036
TOG_STREX	1	0.31269792	0	0	3866064.188	30352.05656	56582.80628	150964604.6	1219039.023	2228699.14	18232131.5	143014.557	283769.3296	0.30554561

LDT1 CalEEMod Emission Rate Worksheet

Pollutant	Adjustment Factor	Vehicle Class: LDT1											CalEEMod Emission Rate	
		Emission Rates			Population			VMT			Trips			
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL		LDT1 Elec
CH4_IDLEX		0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
CH4_RUNEX		0.010262291	0.009689377	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.010222896
CH4_STREX		0.085938298	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.085532328
CO_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
CO_RUNEX	1	1.845168433	1.21524069	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	1.837833091
CO_STREX	1	2.457928305	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	2.446317116
CO2_NBIO_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
CO2_NBIO_RUNEX	1	337.5406966	476.5827881	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	336.3204378
CO2_NBIO_STREX	1	67.32549383	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	67.00744998
NOX_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
NOX_RUNEX	1	0.160020862	1.147457483	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.159883093
NOX_STREX	1	0.305944554	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.30449928
PM10_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.008000002
PM10_RUNEX	1	0.003183512	0.157051198	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.003244965
PM10_STREX	1	0.003095733	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.003081109
PM25_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.015750005
PM25_PMTW		0.002000001	0.002000001	0.002000001	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.002000001
PM25_RUNEX	1	0.002927431	0.150257232	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.002986734
PM25_STREX	1	0.002846776	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.002833328
ROG_DIURN		0.711635995	0	0.022407439	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.153965284
ROG_HTSK		0.238910929	0	0.004888026	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.237802656
ROG_IDLEX		0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
ROG_RESTL		0.582948541	0	0.007500233	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.126114017
ROG_RUNEX		0.04633787	0.208606593	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.046238831
ROG_RUNLS		0.828576656	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.824662482
ROG_STREX		0.44391968	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.441822615
SO2_IDLEX		0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
SO2_RUNEX		0.003340239	0.004505421	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.003328063
SO2_STREX		0.00066624	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.000663093
TOG_DIURN	1	0.711635995	0	0.022407439	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.153965284
TOG_HTSK	1	0.238910929	0	0.004888026	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.237802656
TOG_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
TOG_RESTL	1	0.582948541	0	0.007500233	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.126114017
TOG_RUNEX	1	0.067535184	0.237484737	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.067359011
TOG_RUNLS	1	0.828576656	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.824662482
TOG_STREX	1	0.486031437	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.483735438
CH4_IDLEX		0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
CH4_RUNEX		0.01084695	0.009689377	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.010805046
CH4_STREX		0.076777627	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.076414932
CO_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
CO_RUNEX	1	1.996943038	1.21524069	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	1.98895652
CO_STREX	1	2.087434656	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	2.07757367
CO2_NBIO_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
CO2_NBIO_RUNEX	1	350.4497675	476.5827881	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	349.1741233
CO2_NBIO_STREX	1	66.57088893	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	66.25640981
NOX_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
NOX_RUNEX	1	0.139668632	1.084508355	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.139588076
NOX_STREX	1	0.28334662	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.282008098
PM10_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.008000002
PM10_RUNEX	1	0.003183512	0.157051198	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.003244965
PM10_STREX	1	0.003095733	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.003081109
PM25_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.015750005
PM25_PMTW		0.002000001												

CH4_IDLEX	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
CH4_RUNEX	0.010073619	0.009689377	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.010035033
CH4_STREX	0.08801533	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.087599547
CO_IDLEX	1	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
CO_RUNEX	1	1.788697046	1.21524069	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	1.781603991
CO_STREX	1	2.543776661	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	2.531759928
CO2_NBIO_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0
CO2_NBIO_RUNEX	1	332.7686889	476.5827881	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	331.568904
CO2_NBIO_STREX	1	67.49904885	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	67.18018513
NOX_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0
NOX_RUNEX	1	0.155516581	1.125744191	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.155387753
NOX_STREX	1	0.311005665	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.309536482
PM10_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0
PM10_PMBW	0.036750011	0.036750011	0.036750011	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.036750011
PM10_PMTW	0.008000002	0.008000002	0.008000002	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.008000002
PM10_RUNEX	1	0.003183512	0.157051198	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.003244965
PM10_STREX	1	0.003095733	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.003081109
PM25_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0
PM25_PMBW	0.015750005	0.015750005	0.015750005	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.015750005
PM25_PMTW	0.002000001	0.002000001	0.002000001	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.002000001
PM25_RUNEX	1	0.002927431	0.150257232	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.002986734
PM25_STREX	1	0.002846776	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.002833328
ROG_DIURN	0.717576276	0	0.016129757	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.155244995
ROG_HTSK	0.270373251	0	0.004888026	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.26911635
ROG_IDLEX	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
ROG_RESTL	0.557458161	0	0.004571725	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.120597266
ROG_RUNEX	0.045509126	0.208606593	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.045413642
ROG_RUNLS	0.980441949	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.975810367
ROG_STREX	0.455085883	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.452936069
SO2_IDLEX	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0
SO2_RUNEX	0.003293016	0.004505421	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.003281042
SO2_STREX	0.000667958	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	8247.398071	0.000664802
TOG_DIURN	1	0.717576276	0	0.016129757	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.155244995
TOG_HTSK	1	0.270373251	0	0.004888026	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.26911635
TOG_IDLEX	1	0	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0
TOG_RESTL	1	0.557458161	0	0.004571725	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.120597266
TOG_RUNEX	1	0.066326661	0.237484737	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.066155672
TOG_RUNLS	1	0.980441949	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.975810367
TOG_STREX	1	0.49825681	0	0	428854.4701	312.1675222	1684.341741	16293150.81	7826.007863	62379.66099	1973069.07	1117.567937	0.495903061

LDT2 CalEEMod Emission Rate Worksheet

Pollutant	Adjustment Factor	Vehicle Class: LDT2											CalEEMod Emission Rate	
		Emission Rates			Population			VMT			Trips			
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL		LDT2 Elec
CH4_IDLEX		0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
CH4_RUNEX		0.006393965	0.001135669	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.006327695
CH4_STREX		0.079966553	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.078995446
CO_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
CO_RUNEX	1	1.247911663	0.186933238	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	1.23476359
CO_STREX	1	2.896450729	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	2.861276478
CO2_NBIO_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
CO2_NBIO_RUNEX	1	369.8560235	309.5651916	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	367.5279298
CO2_NBIO_STREX	1	74.61448541	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	73.70837345
NOX_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
NOX_RUNEX	1	0.11532775	0.055942019	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.114351305
NOX_STREX	1	0.349243926	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.345002737
PM10_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.008000002
PM10_RUNEX	1	0.002115505	0.007569909	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.002137983
PM10_STREX	1	0.002124858	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.002099054
PM25_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.015750005
PM25_PMTW		0.002000001	0.002000001	0.002000001	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.002000001
PM25_RUNEX	1	0.001945245	0.007242438	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.001967653
PM25_STREX	1	0.001953865	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.001930137
ROG_DIURN		0.384299577	0	0.022407439	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.081071874
ROG_HTSK		0.141765792	0	0.004888026	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.140075974
ROG_IDLEX		0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
ROG_RESTL		0.380545109	0	0.007500233	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.080261027
ROG_RUNEX		0.026980231	0.024450284	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.026821932
ROG_RUNLS		0.450183255	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.444716268
ROG_STREX		0.383184486	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.378531127
SO2_IDLEX		0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
SO2_RUNEX		0.003660025	0.002926504	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.003636142
SO2_STREX		0.000738371	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.000729404
TOG_DIURN	1	0.384299577	0	0.022407439	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.081071874
TOG_HTSK	1	0.141765792	0	0.004888026	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.140075974
TOG_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
TOG_RESTL	1	0.380545109	0	0.007500233	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.080261027
TOG_RUNEX	1	0.039335649	0.027835023	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.03905664
TOG_RUNLS	1	0.450183255	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.444716268
TOG_STREX	1	0.419536808	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.414441988
CH4_IDLEX		0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
CH4_RUNEX		0.006795989	0.001135669	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.006725112
CH4_STREX		0.071838602	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.0709662
CO_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
CO_RUNEX	1	1.36058798	0.186933238	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	1.346148565
CO_STREX	1	2.467481875	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	2.437516985
CO2_NBIO_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
CO2_NBIO_RUNEX	1	382.9205327	309.5651916	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	380.4427115
CO2_NBIO_STREX	1	73.79532401	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	72.89915988
NOX_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
NOX_RUNEX	1	0.101026832	0.052866709	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.100195303
NOX_STREX	1	0.323378935	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.319451848
PM10_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.008000002
PM10_RUNEX	1	0.002115505	0.007569909	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.002137983
PM10_STREX	1	0.002124858	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.002099054
PM25_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.015750005
PM25_PMTW		0.002000001</												

CH4_IDLEX	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0	
CH4_RUNEX	0.006266364	0.001135669	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.006201557	
CH4_STREX	0.081810268	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.080816771	
CO_IDLEX	1	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0	
CO_RUNEX	1	1.206378606	0.186933238	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	1.193706528
CO_STREX	1	2.996555776	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	2.960165858
CO2_NBIO_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
CO2_NBIO_RUNEX	1	365.0272513	309.5651916	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	362.7544984
CO2_NBIO_STREX	1	74.80447407	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	73.89605491
NOX_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
NOX_RUNEX	1	0.111932388	0.054881042	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.110988307
NOX_STREX	1	0.355009355	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.350698152
PM10_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
PM10_PMBW	0.036750011	0.036750011	0.036750011	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.036750011	
PM10_PMTW	0.008000002	0.008000002	0.008000002	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.008000002	
PM10_RUNEX	1	0.002115505	0.007569909	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.002137983
PM10_STREX	1	0.002124858	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.002099054
PM25_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
PM25_PMBW	0.015750005	0.015750005	0.015750005	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.015750005	
PM25_PMTW	0.002000001	0.002000001	0.002000001	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.002000001	
PM25_RUNEX	1	0.001945245	0.007242438	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.001967653
PM25_STREX	1	0.001953865	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.001930137
ROG_DIURN	0.371064678	0	0.016129757	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.078272789	
ROG_HTSK	0.153626404	0	0.004888026	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.151792551	
ROG_IDLEX	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0	
ROG_RESTL	0.363149237	0	0.004571725	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.076588741	
ROG_RUNEX	0.026465532	0.024450284	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.026313132	
ROG_RUNLS	0.527090783	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.520689837	
ROG_STREX	0.392514001	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.387747344	
SO2_IDLEX	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0	
SO2_RUNEX	0.003612241	0.002926504	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.003588905	
SO2_STREX	0.000740251	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.000731261	
TOG_DIURN	1	0.371064678	0	0.016129757	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.078272789
TOG_HTSK	1	0.153626404	0	0.004888026	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.151792551
TOG_IDLEX	1	0	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0
TOG_RESTL	1	0.363149237	0	0.004571725	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.076588741
TOG_RUNEX	1	0.038584922	0.027835023	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.038314517
TOG_RUNLS	1	0.527090783	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.520689837
TOG_STREX	1	0.42975136	0	0	1322602.473	7131.093038	8029.10038	51063337.64	318825.7868	273177.1123	6195500.594	35395.58403	40766.95908	0.4245325

MDV CalEEMod Emission Rate Worksheet

Pollutant	Adjustment Factor	Vehicle Class: MDV											CalEEMod Emission Rate	
		Emission Rates			Population			VMT			Trips			
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL		MDV Elec
CH4_IDLEX		0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
CH4_RUNEX	0.009425153	0.000882706	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.009230364
CH4_STREX	0.098855254	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.09674367
CO_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
CO_RUNEX	1 1.666410741	0.294349223	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	1.634710074
CO_STREX	1 3.558392122	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	3.482383582
CO2_NBIO_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
CO2_NBIO_RUNEX	1 451.3948125	401.1402375	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	449.1739648
CO2_NBIO_STREX	1 91.62361011	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	89.66649673
NOX_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
NOX_RUNEX	1 0.161346275	0.063514724	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.158970483
NOX_STREX	1 0.432492209	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.423254019
PM10_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
PM10_PMBW	0.036750011	0.036750011	0.036750011	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.036750011
PM10_PMTW	0.008000002	0.008000002	0.008000002	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.008000002
PM10_RUNEX	1 0.002303292	0.006837808	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.002386855
PM10_STREX	1 0.002397292	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.002346085
PM25_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
PM25_PMBW	0.015750005	0.015750005	0.015750005	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.015750005
PM25_PMTW	0.002000001	0.002000001	0.002000001	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.002000001
PM25_RUNEX	1 0.002120522	0.006542007	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.002202342
PM25_STREX	1 0.002206833	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.002159694
ROG_DIURN	0.44042364	0	0.022407439	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.093197829
ROG_HTSK	0.161388363	0	0.004888026	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.157956042
ROG_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
ROG_RESTL	0.454092851	0	0.007500233	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.096081022
ROG_RUNEX	0.045684261	0.019004134	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.045031779
ROG_RUNLS	0.482297302	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.471995258
ROG_STREX	0.503521699	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.492766293
SO2_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
SO2_RUNEX	0.004466918	0.003792218	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.004441427
SO2_STREX	0.00090669	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.000887323
TOG_DIURN	1 0.44042364	0	0.022407439	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.093197829
TOG_HTSK	1 0.161388363	0	0.004888026	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.157956042
TOG_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
TOG_RESTL	1 0.454092851	0	0.007500233	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.096081022
TOG_RUNEX	1 0.063071067	0.021634943	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.062079108
TOG_RUNLS	1 0.482297302	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.471995258
TOG_STREX	1 0.551209444	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.539435412
CH4_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
CH4_RUNEX	0.009884284	0.000882706	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.009679154
CH4_STREX	0.088726326	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.0868311
CO_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
CO_RUNEX	1 1.784573214	0.294349223	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	1.750211292
CO_STREX	1 3.033676277	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	2.968875856
CO2_NBIO_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
CO2_NBIO_RUNEX	1 465.3023736	401.1402375	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	462.7682998
CO2_NBIO_STREX	1 90.60729451	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	88.67188999
NOX_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
NOX_RUNEX	1 0.141266325	0.060024118	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.139273634
NOX_STREX	1 0.400504143	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.39194923
PM10_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
PM10_PMBW	0.036750011	0.036750011	0.036750011	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.036750011
PM10_PMTW	0.008000002	0.008000002	0.008000002	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.008000002
PM10_RUNEX	1 0.002303292	0.006837808	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.002386855
PM10_STREX	1 0.002397292	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.002346085
PM25_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
PM25_PMBW	0.015750005	0.015750005	0.015750005	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.015750005
PM25_PMTW	0.002000001	0.002000001	0.00200000											

CH4_IDLEX	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
CH4_RUNEX	0.009270126	0.000882706	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.009078828
CH4_STREX	0.101150653	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.098990038
CO_IDLEX	1	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
CO_RUNEX	1	1.6198604	0.294349223	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	1.58920814
CO_STREX	1	3.680766499	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	3.602143998
CO2_NBIO_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0
CO2_NBIO_RUNEX	1	446.2493378	401.1402375	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	444.1443765
CO2_NBIO_STREX	1	91.85904205	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	89.89689975
NOX_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0
NOX_RUNEX	1	0.15666179	0.062310502	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.15436765
NOX_STREX	1	0.439632914	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.430242196
PM10_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0
PM10_PMBW	0.036750011	0.036750011	0.036750011	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.036750011
PM10_PMTW	0.008000002	0.008000002	0.008000002	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.008000002
PM10_RUNEX	1	0.002303292	0.006837808	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.002386855
PM10_STREX	1	0.002397292	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.002346085
PM25_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0
PM25_PMBW	0.015750005	0.015750005	0.015750005	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.015750005
PM25_PMTW	0.002000001	0.002000001	0.002000001	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.002000001
PM25_RUNEX	1	0.002120522	0.006542007	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.002202342
PM25_STREX	1	0.002206833	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.002159694
ROG_DIURN	0.422465845	0	0.016129757	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.089394578
ROG_HTSK	0.173332436	0	0.004888026	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.169644986
ROG_IDLEX	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
ROG_RESTL	0.434027114	0	0.004571725	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.09183378
ROG_RUNEX	0.045114744	0.019004134	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.044475088
ROG_RUNLS	0.560420738	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.548449949
ROG_STREX	0.51587698	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.504857661
SO2_IDLEX	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0
SO2_RUNEX	0.004415999	0.003792218	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.004391655
SO2_STREX	0.00090902	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	13052.63635	0.000889603
TOG_DIURN	1	0.422465845	0	0.016129757	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.089394578
TOG_HTSK	1	0.173332436	0	0.004888026	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.169644986
TOG_IDLEX	1	0	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0
TOG_RESTL	1	0.434027114	0	0.004571725	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.09183378
TOG_RUNEX	1	0.062200672	0.021634943	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.061228317
TOG_RUNLS	1	0.560420738	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.548449949
TOG_STREX	1	0.56473445	0	0	900366.1975	15733.02459	2547.8702	32167365.31	651825.9359	89339.97409	4164561.993	77845.5286	0.552671519

LDH1 CalEEMod Emission Rate Worksheet

Pollutant	Emission Rates			Vehicle Class: LHDT1			Population			VMT			Trips			CalEEMod Emission Rate
	Gas	DSL	ELEC	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	
	CH4_IDLEX	0.127948547	0.005098128	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.006110679		
CH4_RUNEX	0.009573126	0.003519977	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.007275582			
CH4_STREX	0.027836731	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.019409112			
CO_IDLEX	3.74161954	0.909745076	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.19700351			
CO_RUNEX	1.128102274	0.399227471	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.851449316			
CO_STREX	1.8263067	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	1.27338917			
CO2_NBIO_IDLEX	122.5024704	134.1615423	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	8.962169257			
CO2_NBIO_RUNEX	827.9085051	478.6732026	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	695.3521606			
CO2_NBIO_STREX	19.26438312	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	13.43205762			
NOX_IDLEX	0.040046542	2.145609522	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.053515825			
NOX_RUNEX	0.257563815	1.713897555	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.810332323			
NOX_STREX	0.541977555	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.377892908			
PM10_IDLEX	0	0.028056068	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000675268			
PM10_PMBW	0.076440022	0.076440022	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.076440022			
PM10_PMTW	0.008000002	0.012000003	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.00951825			
PM10_RUNEX	0.001437107	0.015936872	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.006940662			
PM10_STREX	0.000478462	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000333607			
PM25_IDLEX	0	0.026842375	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000646056			
PM25_PMBW	0.032760009	0.032760009	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.032760009			
PM25_PMTW	0.002000001	0.003000001	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.002379562			
PM25_RUNEX	0.001321954	0.01524745	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.006607539			
PM25_STREX	0.000440542	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000307167			
ROG_DIURN	0.063629137	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.002977835			
ROG_HTSK	0.134246936	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.093603443			
ROG_IDLEX	0.458549991	0.109759705	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.024101832			
ROG_RESTL	0.037813976	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.001769689			
ROG_RUNEX	0.047317847	0.075783022	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.058122137			
ROG_RUNLS	0.920885445	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.642085775			
ROG_STREX	0.139153536	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.097024561			
SO2_IDLEX	0.001212261	0.001268309	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	8.726E-05			
SO2_RUNEX	0.008192826	0.004525183	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.006800729			
SO2_STREX	0.000190637	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000132921			
TOG_DIURN	0.063629137	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.002977835			
TOG_HTSK	0.134246936	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.093603443			
TOG_IDLEX	0.668868416	0.124954127	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.034310413			
TOG_RESTL	0.037813976	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.001769689			
TOG_RUNEX	0.06842964	0.086273932	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.07520265			
TOG_RUNLS	0.920885445	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.642085775			
TOG_STREX	0.152330427	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.106212125			
CH4_IDLEX	0.128226877	0.005098128	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.006123705			
CH4_RUNEX	0.009804873	0.003519977	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.007419367			
CH4_STREX	0.026881473	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.01874306			
CO_IDLEX	3.74161954	0.909745076	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.19700351			
CO_RUNEX	1.150693691	0.399227471	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.865465896			
CO_STREX	1.744866946	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	1.216605443			
CO2_NBIO_IDLEX	122.5024704	134.1615423	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	8.962169257			
CO2_NBIO_RUNEX	827.9496138	478.6732026	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	695.377666			
CO2_NBIO_STREX	19.11803984	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	13.33002002			
NOX_IDLEX	0.040046542	2.145609522	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.053515825			
NOX_RUNEX	0.227073171	1.626197634	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.758127229			
NOX_STREX	0.519274366	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.362063148			
PM10_IDLEX	0	0.028056068	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000675268			
PM10_PMBW	0.076440022	0.076440022	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.076440022			
PM10_PMTW	0.008000002	0.012000003	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.00951825			
PM10_RUNEX	0.001437107	0.015936872	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.006940662			
PM10_STREX	0.000478462	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000333607			
PM25_IDLEX	0	0.026842375	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000646056			
PM25_PMBW	0.032760009	0.032760009	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.032760009			
PM25_PMTW	0.002000001	0.003000001	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.002379562			
PM25_RUNEX	0.001321954	0.01524745	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.006607539			
PM25_STREX	0.000440542	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000307167			
ROG_DIURN	0.093838827	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.004391644			
ROG_HTSK	0.13757145	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.095921454			
ROG_IDLEX	0.458549991	0.109759705	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.024101832			
ROG_RESTL	0.052745963	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.002468504			
ROG_RUNEX	0.048520017	0.075783022	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.058868009			
ROG_RUNLS	0.891299718	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.621457178			
ROG_STREX	0.134010813	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117						

CH4_IDLEX	0.127893133	0.005098128	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.006108086
CH4_RUNEX	0.009509673	0.003519977	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.007236213
CH4_STREX	0.028042921	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.019552878
CO_IDLEX	3.74161954	0.909745076	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.19700351
CO_RUNEX	1.121875915	0.399227471	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.847586244
CO_STREX	1.840898949	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	1.28356359
CO2_NBIO_IDLEX	122.5024704	134.1615423	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	8.962169257
CO2_NBIO_RUNEX	827.8971669	478.6732026	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	695.345126
CO2_NBIO_STREX	19.29121395	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	13.45076537
NOX_IDLEX	0.040046542	2.145609522	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.053515825
NOX_RUNEX	0.251552071	1.683799348	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.79517828
NOX_STREX	0.547120738	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.381478983
PM10_IDLEX	0	0.028056068	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000675268
PM10_PMBW	0.076440022	0.076440022	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.076440022
PM10_PMTW	0.008000002	0.012000003	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.00951825
PM10_RUNEX	0.001437107	0.015936872	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.006940662
PM10_STREX	0.000478462	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000333607
PM25_IDLEX	0	0.026842375	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000646056
PM25_PMBW	0.032760009	0.032760009	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.032760009
PM25_PMTW	0.002000001	0.003000001	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.002379562
PM25_RUNEX	0.001321954	0.01524745	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.006607539
PM25_STREX	0.000440542	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000307167
ROG_DIURN	0.067736334	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.003170051
ROG_HTSK	0.156019392	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.10878425
ROG_IDLEX	0.458549991	0.109759705	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.024101832
ROG_RESTL	0.037457078	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.001752986
ROG_RUNEX	0.04698372	0.075783022	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.057914832
ROG_RUNLS	0.997565132	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.695550553
ROG_STREX	0.140256537	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.097793626
SO2_IDLEX	0.001212261	0.001268309	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	8.726E-05
SO2_RUNEX	0.008192714	0.004525183	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.00680066
SO2_STREX	0.000190902	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.000133106
TOG_DIURN	0.067736334	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.003170051
TOG_HTSK	0.156019392	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.10878425
TOG_IDLEX	0.668868416	0.124954127	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.034310413
TOG_RESTL	0.037457078	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.001752986
TOG_RUNEX	0.067932308	0.086273932	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.074894086
TOG_RUNLS	0.997565132	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.695550553
TOG_STREX	0.153537809	0	0	106029.2685	54529.3851	0	3921730.857	2399173.004	0	1579678.117	685911.0666	0	0.10705397

LDH2 CalEEMod Emission Rate Worksheet

Pollutant	Emission Rates		Vehicle Class: LHD2			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHD2 Gas	LHD2 DSL	LHD2 Elec	LHD2 Gas	LHD2 DSL	LHD2 Elec	LHD2 Gas	LHD2 DSL	LHD2 Elec	Rate		
CH4_IDLEX	0.128206426	0.005098128	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.004380481		
CH4_RUNEX	0.007446354	0.003446999	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.005049836		
CH4_STREX	0.028356351	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.013746514		
CO_IDLEX	3.747889202	0.909745076	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.159214191		
CO_RUNEX	0.850591253	0.387311257	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.572981809		
CO_STREX	1.841986278	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.892953023		
CO2_NBIO_IDLEX	141.4709522	215.315884	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	13.42256787		
CO2_NBIO_RUNEX	949.8476392	529.5853068	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	698.0155001		
CO2_NBIO_STREX	21.88438706	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	10.60905275		
NOX_IDLEX	0.040176857	2.162468939	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.089881596		
NOX_RUNEX	0.264953995	1.626775683	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	1.080993031		
NOX_STREX	0.555052479	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.269076809		
PM10_IDLEX	0	0.02866692	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001174191		
PM10_PMBW	0.089180026	0.089180026	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.089180026		
PM10_PMTW	0.008000002	0.012000003	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.010396907		
PM10_RUNEX	0.001296072	0.016968826	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.010687595		
PM10_STREX	0.000395	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.000191487		
PM25_IDLEX	0	0.027426801	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001123396		
PM25_PMBW	0.038220011	0.038220011	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.038220011		
PM25_PMTW	0.002000001	0.003000001	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.002599227		
PM25_RUNEX	0.001191691	0.016234762	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.010205891		
PM25_STREX	0.000363188	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.000176065		
ROG_DIURN	0.058498265	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001903454		
ROG_HTSK	0.132631233	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.064296603		
ROG_IDLEX	0.460174837	0.109759705	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.019469199		
ROG_RESTL	0.034827001	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001133223		
ROG_RUNEX	0.034087281	0.074211851	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.058130969		
ROG_RUNLS	0.90315789	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.437830389		
ROG_STREX	0.141083223	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.068393935		
SO2_IDLEX	0.00139997	0.002035509	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.000128927		
SO2_RUNEX	0.009399512	0.005006486	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.006767096		
SO2_STREX	0.000216564	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.000104985		
TOG_DIURN	0.058498265	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001903454		
TOG_HTSK	0.132631233	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.064296603		
TOG_IDLEX	0.671486042	0.124954127	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.026967338		
TOG_RESTL	0.034827001	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001133223		
TOG_RUNEX	0.04974008	0.084485258	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.070560296		
TOG_RUNLS	0.90315789	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.437830389		
TOG_STREX	0.154468371	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.07488275		
CH4_IDLEX	0.128497007	0.005098128	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.004389936		
CH4_RUNEX	0.00761103	0.003446999	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.005115834		
CH4_STREX	0.027388026	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.013277092		
CO_IDLEX	3.747889202	0.909745076	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.159214191		
CO_RUNEX	0.868177581	0.387311257	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.580029951		
CO_STREX	1.759938487	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.853178121		
CO2_NBIO_IDLEX	141.4709522	215.315884	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	13.42256787		
CO2_NBIO_RUNEX	949.8788534	529.5853068	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	698.0280099		
CO2_NBIO_STREX	21.73698703	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	10.53759657		
NOX_IDLEX	0.040176857	2.162468939	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.089881596		
NOX_RUNEX	0.233175647	1.54352707	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	1.018372359		
NOX_STREX	0.531811538	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.257810129		
PM10_IDLEX	0	0.02866692	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001174191		
PM10_PMBW	0.089180026	0.089180026	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.089180026		
PM10_PMTW	0.008000002	0.012000003	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.010396907		
PM10_RUNEX	0.001296072	0.016968826	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.010687595		
PM10_STREX	0.000395	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.000191487		
PM25_IDLEX	0	0.027426801	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001123396		
PM25_PMBW	0.038220011	0.038220011	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.038220011		
PM25_PMTW	0.002000001	0.003000001	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.002599227		
PM25_RUNEX	0.001191691	0.016234762	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.010205891		
PM25_STREX	0.000363188	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.000176065		
ROG_DIURN	0.086205487	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.002805009		
ROG_HTSK	0.136839868	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.066336853		
ROG_IDLEX	0.460174837	0.109759705	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.019469199		
ROG_RESTL	0.048550162	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001579756		
ROG_RUNEX	0.034861472	0.074211851	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.058441244		
ROG_RUNLS	0.872266587	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.422854988		
ROG_STREX	0.13591482	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.065		

CH4_IDLEX	0.128147966	0.005098128	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.004378579
CH4_RUNEX	0.007401888	0.003446999	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.005032015
CH4_STREX	0.028565799	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.013848049
CO_IDLEX	3.747889202	0.909745076	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.159214191
CO_RUNEX	0.845849659	0.387311257	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.571081502
CO_STREX	1.85687909	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.900172719
CO2_NBIO_IDLEX	141.4709522	215.315884	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	13.42256787
CO2_NBIO_RUNEX	949.8392069	529.5853068	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	698.0121206
CO2_NBIO_STREX	21.9117258	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	10.62230595
NOX_IDLEX	0.040176857	2.162468939	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.089881596
NOX_RUNEX	0.258422297	1.59820432	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	1.061254592
NOX_STREX	0.560316977	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.271628917
PM10_IDLEX	0	0.02866692	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001174191
PM10_PMBW	0.089180026	0.089180026	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.089180026
PM10_PMTW	0.008000002	0.012000003	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.010396907
PM10_RUNEX	0.001296072	0.016968826	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.010687595
PM10_STREX	0.000395	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.000191487
PM25_IDLEX	0	0.027426801	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.001123396
PM25_PMBW	0.038220011	0.038220011	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.038220011
PM25_PMTW	0.002000001	0.003000001	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.002599227
PM25_RUNEX	0.001191691	0.016234762	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.010205891
PM25_STREX	0.000363188	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.000176065
ROG_DIURN	0.06158321	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.002003834
ROG_HTSK	0.15211804	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.073743363
ROG_IDLEX	0.460174837	0.109759705	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.019469199
ROG_RESTL	0.034032161	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.00110736
ROG_RUNEX	0.033874756	0.074211851	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.058045794
ROG_RUNLS	0.983296226	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.47667963
ROG_STREX	0.142195228	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.06893301
SO2_IDLEX	0.00139997	0.002035509	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.000128927
SO2_RUNEX	0.009399429	0.005006486	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.006767063
SO2_STREX	0.000216834	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.000105116
TOG_DIURN	0.06158321	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.002003834
TOG_HTSK	0.15211804	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.073743363
TOG_IDLEX	0.671486042	0.124954127	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.026967338
TOG_RESTL	0.034032161	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.00110736
TOG_RUNEX	0.049429965	0.084485258	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.07043601
TOG_RUNLS	0.983296226	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.47667963
TOG_STREX	0.155685877	0	0	17468.88659	21989.92112	0	623231.5341	931838.451	0	260260.3816	276605.5444	0	0.075472969

MHDT CalEEMod Emission Rate Worksheet

Pollutant	Emission Rates		Vehicle Class: MHDT			VMT			Trips			CalEEMod Emission Rate	
	Gas	DSL	ELEC	Population		MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL		MHDT Elec
				MHDT Gas	MHDT DSL								
CH4_IDLEX	0.257065745	0.006056088	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.004496953
CH4_RUNEX	0.019893493	0.007374256	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.009471698
CH4_STREX	0.042942071	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.013618844
CO_IDLEX	14.29972318	2.442082535	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.396926211
CO_RUNEX	2.514186173	0.536581357	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.867904437
CO_STREX	5.134244205	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	1.62829758
CO2_NBIO_IDLEX	555.3120976	878.3785271	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	70.04306991
CO2_NBIO_RUNEX	1730.152158	1009.818234	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	1130.501219
CO2_NBIO_STREX	40.5476092	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	12.85945337
NOX_IDLEX	0.088906754	8.912229086	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.622773207
NOX_RUNEX	0.660719387	3.153146353	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	2.735571228
NOX_STREX	0.385080927	1.283228219	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.998385698
PM10_IDLEX	0	0.032047083	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.002234335
PM10_PMBW	0.130340037	0.130340037	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.012000003
PM10_RUNEX	0.001134561	0.089751181	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.074904569
PM10_STREX	0.000488503	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000154926
PM25_IDLEX	0	0.03066074	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.002137678
PM25_PMBW	0.055860016	0.055860016	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.003000001
PM25_RUNEX	0.001043187	0.085868584	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.071657144
PM25_STREX	0.00044916	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000142449
ROG_DIURN	0.0510395	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000809021
ROG_HTSK	0.097459989	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.030908904
ROG_IDLEX	0.997577298	0.130385903	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.024903039
ROG_RESTL	0.031464657	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000498743
ROG_RUNEX	0.09827792	0.1587657	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.148631725
ROG_RUNLS	0.528442025	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.167592509
ROG_STREX	0.234785238	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.074460859
SO2_IDLEX	0.005495263	0.008298485	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000665678
SO2_RUNEX	0.017121258	0.009540262	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.010810364
SO2_STREX	0.000401251	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000127255
TOG_DIURN	0.0510395	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000809021
TOG_HTSK	0.097459989	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.030908904
TOG_IDLEX	1.455662452	0.148434426	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.033422445
TOG_RESTL	0.031464657	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000498743
TOG_RUNEX	0.143406911	0.180742664	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.174487523
TOG_RUNLS	0.528442025	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.167592509
TOG_STREX	0.257060283	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.081525268
CH4_IDLEX	0.242518887	0.005898108	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.004255358
CH4_RUNEX	0.020369734	0.007374256	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.009551486
CH4_STREX	0.041363209	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.013118116
CO_IDLEX	10.39823964	2.168914409	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.316038851
CO_RUNEX	2.570036204	0.536581357	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.877261414
CO_STREX	4.876550288	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	1.546571358
CO2_NBIO_IDLEX	578.9788848	896.2497636	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	71.6641988
CO2_NBIO_RUNEX	1730.250994	1009.818234	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	1130.517778
CO2_NBIO_STREX	40.10819499	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	12.72009555
NOX_IDLEX	0.092046913	9.048582091	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.632329564
NOX_RUNEX	0.578188453	2.97854963	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	2.576398983
NOX_STREX	0.36828502	1.283228219	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.993058968
PM10_IDLEX	0	0.027048277	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.001885816
PM10_PMBW	0.130340037	0.130340037	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.012000003
PM10_RUNEX	0.001134561	0.089751181	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.074904569
PM10_STREX	0.000488503	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000154926
PM25_IDLEX	0	0.02587818	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.001804236
PM25_PMBW	0.055860016	0.055860016	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.003000001
PM25_RUNEX	0.001043187	0.085868584	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.071657144
PM25_STREX	0.00044916	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000142449
ROG_DIURN	0.07614006	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.001206888
ROG_HTSK	0.100697203	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.031935569
ROG_IDLEX	0.937726343	0.126984649	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.023717212
ROG_RESTL	0.044800932	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000710135
ROG_RUNEX	0.100668594	0.1587657	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.149032253
ROG_RUNLS	0.509608051	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.161619417
ROG_STREX	0.225564594	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.071536582
SO2_IDLEX	0.005729465	0.008467323	0	14376.2126	63233.9956								

CH4_IDLEX	0.277911524	0.00627425	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.004842587
CH4_RUNEX	0.019745817	0.007374256	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.009446957
CH4_STREX	0.043245409	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.013715046
CO_IDLEX	19.76180013	2.81931471	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.509805745
CO_RUNEX	2.498179276	0.536581357	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.86522268
CO_STREX	5.185067379	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	1.644415873
CO2_NBIO_IDLEX	522.1785955	853.6992005	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	67.7972226
CO2_NBIO_RUNEX	1730.123798	1009.818234	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	1130.496468
CO2_NBIO_STREX	40.63529545	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	12.88726259
NOX_IDLEX	0.084510532	8.723932079	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.609575384
NOX_RUNEX	0.645041387	3.094118922	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	2.683806455
NOX_STREX	0.38907548	1.283228219	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.999652549
PM10_IDLEX	0	0.038950196	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.002715622
PM10_PMBW	0.130340037	0.130340037	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.012000003
PM10_RUNEX	0.001134561	0.089751181	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.074904569
PM10_STREX	0.000488503	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000154926
PM25_IDLEX	0	0.037265228	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.002598146
PM25_PMBW	0.055860016	0.055860016	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.003000001
PM25_RUNEX	0.001043187	0.085868584	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.071657144
PM25_STREX	0.00044916	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000142449
ROG_DIURN	0.053952579	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000855196
ROG_HTSK	0.106759112	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.033858071
ROG_IDLEX	1.081368635	0.135082874	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.026558681
ROG_RESTL	0.031045244	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000492095
ROG_RUNEX	0.09758511	0.1587657	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.148515653
ROG_RUNLS	0.579517452	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.183790803
ROG_STREX	0.236908731	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.075134314
SO2_IDLEX	0.005167381	0.008065327	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000644225
SO2_RUNEX	0.017120978	0.009540262	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.010810317
SO2_STREX	0.000402119	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.00012753
TOG_DIURN	0.053952579	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000855196
TOG_HTSK	0.106759112	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.033858071
TOG_IDLEX	1.577930573	0.15378157	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.035733308
TOG_RESTL	0.031045244	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.000492095
TOG_RUNEX	0.142395963	0.180742664	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.174318151
TOG_RUNLS	0.579517452	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.183790803
TOG_STREX	0.259385241	0	0	14376.2126	63233.99563	0	788215.4521	3916493.55	0	287639.2617	619326.5352	0	0.082262616

HHH CalEEMod Emission Rate Worksheet

Pollutant	Vehicle Class: HHDT													CalEEMod Emission Rate
	Emission Rates			Population			VMT			Trips				
	Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG		
CH4_IDLEX	0	0.216343136	1.340988662	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.026957934	
CH4_RUNEX	0.134406103	0.006929235	5.512571368	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.083382427	
CH4_STREX	0.000240298	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	5.41159E-07	
CO_IDLEX	0	56.06322682	19.6824452	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	5.64419367	
CO_RUNEX	40.50766616	0.5783759	12.93643111	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.783861347	
CO_STREX	4.991435895	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.011240873	
CO2_NBIO_IDLEX	0	11374.44959	4234.348365	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1146.115029	
CO2_NBIO_RUNEX	2205.139676	1529.139116	3517.974184	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1557.295076	
CO2_NBIO_STREX	50.54286661	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.113824148	
NOX_IDLEX	0	63.9047913	25.50665922	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	6.44621692	
NOX_RUNEX	5.114673858	4.624756732	4.173564129	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	4.61891891	
NOX_STREX	0.874645343	1.785573811	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1.755021511	
PM10_IDLEX	0	0.129087652	0.060703813	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.013058929	
PM10_PMBW	0.061740018	0.061031123	0.061740018	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.061041559	
PM10_PMTW	0.020000006	0.035586661	0.03600001	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.035579073	
PM10_RUNEX	0.001557153	0.06106726	0.00818054	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.060283049	
PM10_STREX	0.001252116	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	2.8198E-06	
PM25_IDLEX	0	0.123503378	0.058077793	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.012494005	
PM25_PMBW	0.026460008	0.026156196	0.026460008	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.026160668	
PM25_PMTW	0.005000001	0.008896665	0.009000003	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.008894768	
PM25_RUNEX	0.0014357	0.058425517	0.007826654	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.057675185	
PM25_STREX	0.001160559	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	2.61362E-06	
ROG_DIURN	0.094037236	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1.05845E-05	
ROG_HTSK	0.197790897	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.000445431	
ROG_IDLEX	0	4.6578084	0.084545422	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.462580586	
ROG_RESTL	0.065766657	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	7.40247E-06	
ROG_RUNEX	0.731659896	0.14918452	0.450823953	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.153864977	
ROG_RUNLS	1.012630004	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.002280475	
ROG_STREX	0.001268634	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	2.857E-06	
SO2_IDLEX	0	0.10746016	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.0106642	
SO2_RUNEX	0.021821645	0.014446548	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.014252527	
SO2_STREX	0.000500163	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1.12638E-06	
TOG_DIURN	0.094037236	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1.05845E-05	
TOG_HTSK	0.197790897	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.000445431	
TOG_IDLEX	0	5.302560305	1.443076079	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.532125018	
TOG_RESTL	0.065766657	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	7.40247E-06	
TOG_RUNEX	1.053188829	0.16983522	6.049901585	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.252126325	
TOG_RUNLS	1.012630004	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.002280475	
TOG_STREX	0.001388994	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	3.12806E-06	
CH4_IDLEX	0	0.224009242	1.363255677	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.027809841	
CH4_RUNEX	0.137222714	0.006929235	5.512571368	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.083384834	
CH4_STREX	0.000230203	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	5.18424E-07	
CO_IDLEX	0	54.49830651	18.5816214	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	5.484387709	
CO_RUNEX	41.3511207	0.5783759	12.93643111	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.784582127	
CO_STREX	4.741003598	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.010676891	
CO2_NBIO_IDLEX	0	11382.82323	4269.455072	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1147.089702	
CO2_NBIO_RUNEX	2206.553563	1529.139116	3517.974184	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1557.296285	
CO2_NBIO_STREX	50.14574479	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.112929817	
NOX_IDLEX	0	62.56407587	25.29195208	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	6.312287403	
NOX_RUNEX	4.467337349	4.377200111	3.935233828	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	4.371148591	
NOX_STREX	0.835706561	1.785573811	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1.75493382	
PM10_IDLEX	0	0.121339213	0.05144879	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.012252105	
PM10_PMBW	0.061740018	0.061031123	0.061740018	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.061041559	
PM10_PMTW	0.020000006	0.035586661	0.03600001	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.035579073	
PM10_RUNEX	0.001557153	0.06106726	0.00818054	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.060283049	
PM10_STREX	0.001252116	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	2.8198E-06	
PM25_IDLEX	0	0.116090132	0.049223139	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.011722085	
PM25_PMBW	0.026460008	0.026156196	0.026460008	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.026160668	
PM25_PMTW														

CH4_IDLEX	0	0.20575661	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.020419006
CH4_RUNEX	0.133580415	0.006929235	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.006941381
CH4_STREX	0.000242676	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	5.46514E-07
CO_IDLEX	0	58.22430725	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	5.778100962
CO_RUNEX	40.26260139	0.5783759	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.604268269
CO_STREX	5.041143901	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.011352817
CO2_NBIO_IDLEX	0	11362.88598	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1127.637331
CO2_NBIO_RUNEX	2204.728704	1529.139116	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1508.512564
CO2_NBIO_STREX	50.62169616	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.114001674
NOX_IDLEX	0	65.75625546	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	6.525561244
NOX_RUNEX	4.995733074	4.545435683	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	4.482790982
NOX_STREX	0.883901508	1.785573811	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1.755042357
PM10_IDLEX	0	0.139787878	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.013872359
PM10_PMBW	0.061740018	0.061031123	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.060185438
PM10_PMTW	0.020000006	0.035586661	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.035079877
PM10_RUNEX	0.001557153	0.06106726	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.060169613
PM10_STREX	0.001252116	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	2.8198E-06
PM25_IDLEX	0	0.133740716	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.013272247
PM25_PMBW	0.026460008	0.026156196	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.025793759
PM25_PMTW	0.005000001	0.008896665	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.008769969
PM25_RUNEX	0.0014357	0.058425517	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.057566656
PM25_STREX	0.001160559	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	2.61362E-06
ROG_DIURN	0.099353566	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1.11829E-05
ROG_HTSK	0.233273059	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.000525338
ROG_IDLEX	0	4.429883381	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.439615594
ROG_RESTL	0.066038947	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	7.43312E-06
ROG_RUNEX	0.726621947	0.14918452	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.147609299
ROG_RUNLS	1.071838898	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.002413815
ROG_STREX	0.001280108	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	2.88284E-06
SO2_IDLEX	0	0.107350913	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.010653358
SO2_RUNEX	0.021817578	0.014446548	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.014252523
SO2_STREX	0.000500943	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1.12814E-06
TOG_DIURN	0.099353566	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	1.11829E-05
TOG_HTSK	0.233273059	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.000525338
TOG_IDLEX	0	5.04308502	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.50046889
TOG_RESTL	0.066038947	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	7.43312E-06
TOG_RUNEX	1.045558466	0.16983522	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.168228548
TOG_RUNLS	1.071838898	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	0.002413815
TOG_STREX	0.001401557	0	0	62.1035426	54755.3189	2258.192998	5663.567071	6529922.256	91900.3616	1242.56768	541704.5131	8806.952693	3.15635E-06

OBUS CalEEMod Emission Rate Worksheet

Pollutant	Emission Rates		Population			VMT			Trips			CalEEMod Emission	
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
	Vehicle Class: OBUS												
CH4_IDLEX	0.195422159	0.06953137	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.0090435
CH4_RUNEX	0.015991054	0.00914525	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.012122311
CH4_STREX	0.031555504	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.023064648
CO_IDLEX	5.754694525	14.42711181	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.605378777
CO_RUNEX	1.9546175	0.687395148	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	1.238477058
CO_STREX	3.470864174	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	2.536934972
CO2_NBIO_IDLEX	384.7269145	3079.583536	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	98.40281867
CO2_NBIO_RUNEX	1742.83024	1237.983937	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	1457.528411
CO2_NBIO_STREX	27.19304928	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	19.87602921
NOX_IDLEX	0.064838775	25.83869524	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.710076739
NOX_RUNEX	0.593180598	3.986864672	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	2.511040088
NOX_STREX	0.330957742	1.405450226	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.620078796
PM10_IDLEX	0	0.122675487	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.003360016
PM10_PMBW	0.130340037	0.130340037	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.012000003
PM10_RUNEX	0.000907997	0.093587767	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.053283755
PM10_STREX	0.000272201	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000198958
PM25_IDLEX	0	0.1173686	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.003214663
PM25_PMBW	0.055860016	0.055860016	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.003000001
PM25_RUNEX	0.000834979	0.089539201	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.050964052
PM25_STREX	0.000250517	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000183108
ROG_DIURN	0.051030361	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.001864218
ROG_HTSK	0.030111324	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.022009064
ROG_IDLEX	0.743068193	1.49699133	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.068147223
ROG_RESTL	0.025510608	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000931942
ROG_RUNEX	0.077104192	0.196894715	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.144800944
ROG_RUNLS	0.356967114	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.260915527
ROG_STREX	0.167484489	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.12241829
SO2_IDLEX	0.003807185	0.029094378	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000935962
SO2_RUNEX	0.017246718	0.011695858	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.014109782
SO2_STREX	0.000269097	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000196689
TOG_DIURN	0.051030361	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.001864218
TOG_HTSK	0.030111324	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.022009064
TOG_IDLEX	1.084135006	1.704210676	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.086282548
TOG_RESTL	0.025510608	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000931942
TOG_RUNEX	0.112336248	0.224149645	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.175524918
TOG_RUNLS	0.356967114	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.260915527
TOG_STREX	0.18336013	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.134022164
CH4_IDLEX	0.195850703	0.068767927	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.009038246
CH4_RUNEX	0.016349907	0.00914525	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.012278367
CH4_STREX	0.030339779	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.022176047
CO_IDLEX	5.754694525	13.01810553	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.566786847
CO_RUNEX	1.99597243	0.687395148	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	1.256461237
CO_STREX	3.282677035	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	2.399384635
CO2_NBIO_IDLEX	384.7269145	3123.509239	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	99.60592026
CO2_NBIO_RUNEX	1742.903339	1237.983937	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	1457.5602
CO2_NBIO_STREX	26.8721811	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	19.64149923
NOX_IDLEX	0.064838775	26.04087766	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.715614408
NOX_RUNEX	0.519158573	3.769983589	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	2.356284679
NOX_STREX	0.316481033	1.405450226	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.609497434
PM10_IDLEX	0	0.103587495	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.002837206
PM10_PMBW	0.130340037	0.130340037	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.012000003
PM10_RUNEX	0.000907997	0.093587767	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.053283755
PM10_STREX	0.000272201	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000198958
PM25_IDLEX	0	0.099106346	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.00271447
PM25_PMBW	0.055860016	0.055860016	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.003000001
PM25_RUNEX	0.000834979	0.089539201	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.050964052
PM25_STREX	0.000250517	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000183108
ROG_DIURN	0.073633715	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.002689953
ROG_HTSK	0.030794387	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.02250833
ROG_IDLEX	0.743068193	1.480554616	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.06769703
ROG_RESTL	0.035689345	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.001303787
ROG_RUNEX	0.078846123	0.196894715	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.145558465
ROG_RUNLS	0.347644523	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.254101429
ROG_STREX	0.160757104	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.117501089
SO2_IDLEX	0.003807185	0.02950											

CH4_IDLEX	0.195327862	0.070585648	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.009068932
CH4_RUNEX	0.015888334	0.00914525	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.012077641
CH4_STREX	0.031849214	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.023279328
CO_IDLEX	5.754694525	16.37288238	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.658672395
CO_RUNEX	1.942726057	0.687395148	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	1.23330578
CO_STREX	3.509916163	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	2.565478974
CO2_NBIO_IDLEX	384.7269145	3018.924231	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	96.74139268
CO2_NBIO_RUNEX	1742.809202	1237.983937	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	1457.519262
CO2_NBIO_STREX	27.26037976	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	19.92524262
NOX_IDLEX	0.064838775	25.55949094	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.702429482
NOX_RUNEX	0.579084735	3.915142708	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	2.464378212
NOX_STREX	0.334438128	1.405450226	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.622622691
PM10_IDLEX	0	0.149035096	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.004081992
PM10_PMBW	0.130340037	0.130340037	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.012000003
PM10_RUNEX	0.000907997	0.093587767	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.053283755
PM10_STREX	0.000272201	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000198958
PM25_IDLEX	0	0.142587903	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.003905407
PM25_PMBW	0.055860016	0.055860016	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.003000001
PM25_RUNEX	0.000834979	0.089539201	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.050964052
PM25_STREX	0.000250517	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000183108
ROG_DIURN	0.054038983	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.001974128
ROG_HTSK	0.032233512	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.02356022
ROG_IDLEX	0.743068193	1.519689649	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.068768918
ROG_RESTL	0.025170467	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000919516
ROG_RUNEX	0.07659862	0.196894715	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.144581085
ROG_RUNLS	0.382465314	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.279552752
ROG_STREX	0.169102484	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.12360092
SO2_IDLEX	0.003807185	0.028521299	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000920266
SO2_RUNEX	0.01724651	0.011695858	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.014109692
SO2_STREX	0.000269764	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000197176
TOG_DIURN	0.054038983	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.001974128
TOG_HTSK	0.032233512	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.02356022
TOG_IDLEX	1.084135006	1.730050984	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.0869903
TOG_RESTL	0.025170467	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.000919516
TOG_RUNEX	0.111595159	0.224149645	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.175202638
TOG_RUNLS	0.382465314	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.279552752
TOG_STREX	0.185131464	0	0	3994.029176	2994.516901	0	171885.0066	223367.5296	0	79912.53576	29418.4327	0	0.135316873

UBUS CalEEMod Emission Rate Worksheet

Pollutant	Vehicle Class: UBUS																CalEEMod Emission Rate	
	Emission Rates				Population				VMT				Trips					
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG		
CH4_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
CH4_RUNEX	0.005996	0.072802876	0	0	6.72716485	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	6.219806124
CH4_STREX	0.109714	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.010899466
CO_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
CO_RUNEX	0.356021	0.207356536	0	0	46.207039	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	42.74312885
CO_STREX	7.171866	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.712484037
CO2_NBIO_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
CO2_NBIO_RUNEX	2061.591	1665.244244	0	0	1985.414511	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	1985.09769
CO2_NBIO_STREX	87.99759	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	8.742059659
NOX_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
NOX_RUNEX	0.281379	2.329438205	0	0	1.273676336	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	1.205029425
NOX_STREX	0.840101	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.083459263
PM10_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
PM10_PMBW	0.123562	0.079072893	0.130340079	0.068670129	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.07268035	
PM10_PMTW	0.011341	0.029936049	0.012000007	0.033483234	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.031875586	
PM10_RUNEX	0.000967	0.006299396	0	0.003900944	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.003695202	
PM10_STREX	0.000366	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	3.63938E-05
PM25_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
PM25_PMBW	0.052955	0.033888383	0.055860034	0.029430055	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.031148721	
PM25_PMTW	0.002835	0.007484012	0.003000002	0.008370809	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.007968897	
PM25_RUNEX	0.000889	0.006026887	0	0.003732191	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.003532832	
PM25_STREX	0.000337	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	3.34627E-05
ROG_DIURN	0.022751	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.000613406
ROG_HTSK	0.076814	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.007631012
ROG_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
ROG_RESTL	0.018118	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.000449971
ROG_RUNEX	0.020001	0.003027946	0	0.167085413	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.155874505	
ROG_RUNLS	0.473291	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.047018773
ROG_STREX	0.47559	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.047247184
SO2_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
SO2_RUNEX	0.020401	0.015742547	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.001478101
SO2_STREX	0.000871	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	8.65098E-05
TOG_DIURN	0.022751	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.000613406
TOG_HTSK	0.076814	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.007631012
TOG_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
TOG_RESTL	0.018118	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.000449971
TOG_RUNEX	0.029185	0.076565831	0	0.94642344	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	6.424138971	
TOG_RUNLS	0.473291	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.047018773
TOG_STREX	0.520711	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.051729719
CH4_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
CH4_RUNEX	0.006139	0.072802876	0	0	6.72716485	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	6.219816135
CH4_STREX	0.102002	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.010133286
CO_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
CO_RUNEX	0.363047	0.207356536	0	0	46.207039	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	42.74361957
CO_STREX	6.312688	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.627129657
CO2_NBIO_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
CO2_NBIO_RUNEX	2061.604	1665.244244	0	0	1985.414511	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	1985.09859
CO2_NBIO_STREX	86.51759	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	8.595030342
NOX_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
NOX_RUNEX	0.24776	2.329438205	0	0	1.273646765	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	1.202654199
NOX_STREX	0.8034	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.079813177
PM10_IDLEX	0	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
PM10_PMBW	0.123562	0.079072893	0.130340079	0.068670129	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.07268035	
PM10_PMTW	0.011341	0.029936049	0.012000007	0.033483234	452.5123	14.1944	12	4076.282617	32600.03	1580.590656								

CH4_IDLEX	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
CH4_RUNEX	0.005961	0.072802876	0	6.72716485	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	6.219803687
CH4_STREX	0.111458	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.011072692
CO_IDLEX	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
CO_RUNEX	0.354266	0.207356536	0	46.207039	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	42.74300633
CO_STREX	7.343089	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.729494079
CO2_NBIO_IDLEX	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
CO2_NBIO_RUNEX	2061.588	1665.244244	0	1985.414511	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	1985.097465
CO2_NBIO_STREX	88.29575	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	8.771679952
NOX_IDLEX	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
NOX_RUNEX	0.274245	2.329438205	0	1.273666048	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	1.204521711
NOX_STREX	0.848565	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.084300091
PM10_IDLEX	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
PM10_PMBW	0.123562	0.079072893	0.130340079	0.068670129	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.07268035
PM10_PMTW	0.011341	0.029936049	0.012000007	0.033483234	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.031875586
PM10_RUNEX	0.000967	0.006299396	0	0.003900944	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.003695202
PM10_STREX	0.000366	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	3.63938E-05
PM25_IDLEX	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
PM25_PMBW	0.052955	0.033888383	0.055860034	0.029430055	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.031148721
PM25_PMTW	0.002835	0.007484012	0.003000002	0.008370809	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.007968897
PM25_RUNEX	0.000889	0.006026887	0	0.003732191	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.003532832
PM25_STREX	0.000337	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	3.34627E-05
ROG_DIURN	0.022281	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.00600731
ROG_HTSK	0.082018	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.008148036
ROG_IDLEX	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
ROG_RESTL	0.017231	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.000427941
ROG_RUNEX	0.019899	0.003027946	0	0.167085413	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.155867419
ROG_RUNLS	0.574984	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.057121361
ROG_STREX	0.483562	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.04803909
SO2_IDLEX	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
SO2_RUNEX	0.020401	0.015742547	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.001478098
SO2_STREX	0.000874	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	8.68029E-05
TOG_DIURN	0.022281	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.00600731
TOG_HTSK	0.082018	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.008148036
TOG_IDLEX	0	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0
TOG_RESTL	0.017231	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.000427941
TOG_RUNEX	0.029037	0.076565831	0	6.94642344	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	6.424128632
TOG_RUNLS	0.574984	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.057121361
TOG_STREX	0.529439	0	0	0	452.5123	14.1944	12	4076.282617	32600.03	1580.590656	1070.403311	431536.885	1810.049	56.7776	48	16305.1305	0.052596757

MCY CalEEMod Emission Rate Worksheet

Pollutant	Vehicle Class: MCY												CalEEMod Emission Rate
	Emission Rates			Population			VMT			Trips			
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	
CH4_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
CH4_RUNEX	0.383298034	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.383298034
CH4_STREX	0.237101158	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.237101158
CO_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
CO_RUNEX	19.74398471	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	19.74398471
CO_STREX	8.467870083	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	8.467870083
CO2_NBIO_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
CO2_NBIO_RUNEX	223.4539569	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	223.4539569
CO2_NBIO_STREX	60.30286137	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	60.30286137
NOX_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
NOX_RUNEX	1.133757106	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.133757106
NOX_STREX	0.263191322	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.263191322
PM10_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
PM10_PMBW	0.011760003	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.011760003
PM10_PMTW	0.004000001	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.004000001
PM10_RUNEX	0.002314602	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.002314602
PM10_STREX	0.00344551	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.00344551
PM25_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
PM25_PMBW	0.005040001	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.005040001
PM25_PMTW	0.001	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.001
PM25_RUNEX	0.002165897	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.002165897
PM25_STREX	0.003250763	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.003250763
ROG_DIURN	2.196652571	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.098326286
ROG_HTSK	0.69187704	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.69187704
ROG_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
ROG_RESTL	1.363752759	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.68187638
ROG_RUNEX	2.647083699	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	2.647083699
ROG_RUNLS	2.163250875	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	2.163250875
ROG_STREX	1.836073919	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.836073919
SO2_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
SO2_RUNEX	0.002211258	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.002211258
SO2_STREX	0.000596746	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.000596746
TOG_DIURN	2.196652571	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.098326286
TOG_HTSK	0.69187704	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.69187704
TOG_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
TOG_RESTL	1.363752759	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.68187638
TOG_RUNEX	3.268561277	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	3.268561277
TOG_RUNLS	2.163250875	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	2.163250875
TOG_STREX	1.997967654	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.997967654
CH4_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
CH4_RUNEX	0.375472696	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.375472696
CH4_STREX	0.211387873	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.211387873
CO_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
CO_RUNEX	18.94496473	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	18.94496473
CO_STREX	7.729527101	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	7.729527101
CO2_NBIO_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
CO2_NBIO_RUNEX	221.9377647	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	221.9377647
CO2_NBIO_STREX	58.43135306	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	58.43135306
NOX_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
NOX_RUNEX	0.990253812	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.990253812
NOX_STREX	0.249365973	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.249365973
PM10_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
PM10_PMBW	0.011760003	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.011760003
PM10_PMTW	0.004000001	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.004000001
PM10_RUNEX	0.002314602	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.002314602
PM10_STREX	0.00344551	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.00344551
PM25_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
PM25_PMBW	0.005040001	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.005040001
PM25_PMTW	0.001	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.001
PM25_RUNEX	0.002165897	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.002165897
PM25_STREX	0.003250763	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.003250763
ROG_DIURN	3.491951975	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.745975987
ROG_HTSK	0.747001716	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.747001716
ROG_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
ROG_RESTL	2.189513391	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.094756695
ROG_RUNEX	2.576920233	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	2.576920233
ROG_RUNLS	2.031063992	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	2.031063992
ROG_STREX	1.625049101	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.625049101
SO2_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
SO2_RUNEX	0.002196254	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.002196254
SO2_STREX	0.000578226	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.000578226
TOG_DIURN	3.491951975	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.745975987
TOG_HTSK	0.747001716	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.747001716
TOG_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
TOG_RESTL	2.189513391	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.094756695
TOG_RUNEX	3.184615142	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	3.184615142
TOG_RUNLS	2.031063992	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	2.031063992
TOG_STREX	1.768409622	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.768409622

CH4_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
CH4_RUNEX	0.385048536	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.385048536
CH4_STREX	0.242547683	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.242547683
CO_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
CO_RUNEX	19.90326165	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	19.90326165
CO_STREX	8.609612178	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	8.609612178
CO2_NBIO_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
CO2_NBIO_RUNEX	223.7621943	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	223.7621943
CO2_NBIO_STREX	60.67720073	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	60.67720073
NOX_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
NOX_RUNEX	1.107194869	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.107194869
NOX_STREX	0.266445751	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.266445751
PM10_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
PM10_PMBW	0.011760003	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.011760003
PM10_PMTW	0.004000001	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.004000001
PM10_RUNEX	0.002314602	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.002314602
PM10_STREX	0.00344551	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.00344551
PM25_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
PM25_PMBW	0.005040001	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.005040001
PM25_PMTW	0.001	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.001
PM25_RUNEX	0.002165897	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.002165897
PM25_STREX	0.003250763	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.003250763
ROG_DIURN	2.386563527	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.193281763
ROG_HTSK	0.890111922	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.890111922
ROG_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
ROG_RESTL	1.308935328	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.654467664
ROG_RUNEX	2.662795571	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	2.662795571
ROG_RUNLS	2.477617322	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	2.477617322
ROG_STREX	1.881113642	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.881113642
SO2_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
SO2_RUNEX	0.002214308	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.002214308
SO2_STREX	0.00060045	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.00060045
TOG_DIURN	2.386563527	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	1.193281763
TOG_HTSK	0.890111922	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.890111922
TOG_IDLEX	0	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0
TOG_RESTL	1.308935328	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	0.654467664
TOG_RUNEX	3.287310324	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	3.287310324
TOG_RUNLS	2.477617322	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	2.477617322
TOG_STREX	2.046965596	0	0	162674.9076	0	0	1166527.499	0	0	325349.8152	0	0	2.046965596

SBUS CalEEMod Emission Rate Worksheet

Pollutant	Emission Rates		Vehicle Class: SBUS			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG	Rate		
CH4_IDLEX	2.40435301	0.014250226	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.065664816		
CH4_RUNEX	0.013031167	0.005667334	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.007970136		
CH4_STREX	0.057269332	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.00615127		
CO_IDLEX	81.96026688	6.139538807	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	2.675711515		
CO_RUNEX	1.402152447	0.343426599	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.67450895		
CO_STREX	8.027677564	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.862248762		
CO2_NBIO_IDLEX	2644.128202	3660.618053	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	354.1442866		
CO2_NBIO_RUNEX	887.9592647	1244.986334	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	1133.337637		
CO2_NBIO_STREX	48.5905735	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	5.219088775		
NOX_IDLEX	0.92338533	43.09148434	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	3.357855057		
NOX_RUNEX	0.452006343	7.402431801	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	5.228910485		
NOX_STREX	0.594278192	0.821464403	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.797062447		
PM10_IDLEX	0	0.063238795	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.004891423		
PM10_PMBW	0.744800204	0.744800213	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.74480021		
PM10_PMTW	0.008000002	0.012000003	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.010749132		
PM10_RUNEX	0.001096664	0.045883651	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.031877966		
PM10_STREX	0.000422223	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	4.53507E-05		
PM25_IDLEX	0	0.060503112	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.004679823		
PM25_PMBW	0.319200087	0.319200091	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.31920009		
PM25_PMTW	0.002000001	0.003000001	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.002687283		
PM25_RUNEX	0.001008342	0.043898745	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.030486155		
PM25_STREX	0.000388218	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	4.16983E-05		
ROG_DIURN	0.034742278	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.000932913		
ROG_HTSK	0.074382648	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.007989402		
ROG_IDLEX	10.59516639	0.306803454	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.308236132		
ROG_RESTL	0.017644016	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.000473784		
ROG_RUNEX	0.064525855	0.122016156	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.104037919		
ROG_RUNLS	0.532265579	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.057170375		
ROG_STREX	0.330711136	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.035521515		
SO2_IDLEX	0.026165792	0.034583704	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.00337761		
SO2_RUNEX	0.008787077	0.011762014	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.010831698		
SO2_STREX	0.000480843	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	5.16471E-05		
TOG_DIURN	0.034742278	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.000932913		
TOG_HTSK	0.074382648	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.007989402		
TOG_IDLEX	15.46044192	0.349272378	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.442165231		
TOG_RESTL	0.017644016	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.000473784		
TOG_RUNEX	0.094155976	0.138906106	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.124911946		
TOG_RUNLS	0.532265579	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.057170375		
TOG_STREX	0.362087067	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.038891588		
CH4_IDLEX	2.406291185	0.013993539	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.065697007		
CH4_RUNEX	0.013319187	0.005667334	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.008060205		
CH4_STREX	0.051098717	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.005488487		
CO_IDLEX	81.96026688	5.608331827	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	2.634623473		
CO_RUNEX	1.433259026	0.343426599	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.684236529		
CO_STREX	6.550297765	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.70356415		
CO2_NBIO_IDLEX	2644.128202	3775.157013	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	363.0036988		
CO2_NBIO_RUNEX	888.0149171	1244.986334	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	1133.35504		
CO2_NBIO_STREX	46.12861883	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	4.954651477		
NOX_IDLEX	0.92338533	44.10001177	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	3.4358631		
NOX_RUNEX	0.396214638	6.997539674	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	4.933188251		
NOX_STREX	0.563389105	0.821464403	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.793744666		
PM10_IDLEX	0	0.053401639	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.004130535		
PM10_PMBW	0.744800204	0.744800213	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.74480021		
PM10_PMTW	0.008000002	0.012000003	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.010749132		
PM10_RUNEX	0.001096664	0.045883651	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.031877966		
PM10_STREX	0.000422223	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	4.53507E-05		
PM25_IDLEX	0	0.051091508	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.003951849		
PM25_PMBW	0.319200087	0.319200091	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.31920009		
PM25_PMTW	0.002000001	0.003000001	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.002687283		
PM25_RUNEX	0.001008342	0.043898745	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.030486155		
PM25_STREX	0.000388218	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	4.16983E-05		
ROG_DIURN	0.050097956	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.001345249		
ROG_HTSK	0.075447527	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.008103781		
ROG_IDLEX	10.59516639	0.301277056	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.307808674		
ROG_RESTL	0.024544044	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.000659066		
ROG_RUNEX	0.065997478	0.122016156	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.104498122		
ROG_RUNLS	0.47714778	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.0512502		
ROG_STREX	0.294902388	0	0	1174.759873	3383.904588	0									

CH4_IDLEX	2.403961481	0.014604698	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.065681721
CH4_RUNEX	0.012943605	0.005667334	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.007942753
CH4_STREX	0.058686339	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.00630347
CO_IDLEX	81.96026688	6.873110352	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	2.732452144
CO_RUNEX	1.392603644	0.343426599	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.67152287
CO_STREX	8.30767376	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.892323011
CO2_NBIO_IDLEX	2644.128202	3502.445203	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	341.9098602
CO2_NBIO_RUNEX	887.9421789	1244.986334	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	1133.332294
CO2_NBIO_STREX	49.06196485	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	5.26972068
NOX_IDLEX	0.92338533	41.698756	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	3.250129663
NOX_RUNEX	0.443100396	7.273815661	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	5.137729845
NOX_STREX	0.603308893	0.821464403	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.79803243
PM10_IDLEX	0	0.076823438	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.005942175
PM10_PMBW	0.744800204	0.744800213	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.74480021
PM10_PMTW	0.008000002	0.012000003	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.010749132
PM10_RUNEX	0.001096664	0.045883651	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.031877966
PM10_STREX	0.000422223	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	4.53507E-05
PM25_IDLEX	0	0.07350009	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.005685119
PM25_PMBW	0.319200087	0.319200091	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.31920009
PM25_PMTW	0.002000001	0.003000001	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.002687283
PM25_RUNEX	0.001008342	0.043898745	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.030486155
PM25_STREX	0.000388218	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	4.16983E-05
ROG_DIURN	0.036109256	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.000969619
ROG_HTSK	0.080225268	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.008616955
ROG_IDLEX	10.59516639	0.314435148	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.308826432
ROG_RESTL	0.017108358	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.0004594
ROG_RUNEX	0.06407362	0.122016156	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.103896497
ROG_RUNLS	0.653242228	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.070164415
ROG_STREX	0.338926665	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.036403941
SO2_IDLEX	0.026165792	0.033089366	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.003262025
SO2_RUNEX	0.008786908	0.011762014	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.010831645
SO2_STREX	0.000485508	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	5.21482E-05
TOG_DIURN	0.036109256	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.000969619
TOG_HTSK	0.080225268	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.008616955
TOG_IDLEX	15.46044192	0.35796048	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.442837242
TOG_RESTL	0.017108358	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.0004594
TOG_RUNEX	0.093496076	0.138906106	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.124705584
TOG_RUNLS	0.653242228	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.070164415
TOG_STREX	0.371082036	0	0	1174.759873	3383.904588	0	48830.15752	107317.5496	0	4699.039492	39049.78978	0	0.039857733

CH4_IDLEX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
CH4_RUNEX	0.003433632	0.003433632	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.003433632
CH4_STREX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
CO_IDLEX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
CO_RUNEX	0.308172118	0.308172118	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.308172118
CO_STREX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
CO2_NBIO_IDLEX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
CO2_NBIO_RUNEX	992.0534837	992.0534837	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	992.0534837
CO2_NBIO_STREX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
NOX_IDLEX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
NOX_RUNEX	3.778944235	3.778944235	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	3.778944235
NOX_STREX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
PM10_IDLEX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
PM10_PMBW	0.130340037	0.130340037	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.130340037
PM10_PMTW	0.016000005	0.016000005	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.016000005
PM10_RUNEX	0.091837035	0.091837035	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.091837035
PM10_STREX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
PM25_IDLEX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
PM25_PMBW	0.055860016	0.055860016	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.055860016
PM25_PMTW	0.004000001	0.004000001	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.004000001
PM25_RUNEX	0.087864205	0.087864205	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.087864205
PM25_STREX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
ROG_DIURN	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
ROG_HTSK	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
ROG_IDLEX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
ROG_RESTL	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
ROG_RUNEX	0.073924069	0.073924069	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.073924069
ROG_RUNLS	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
ROG_STREX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
SO2_IDLEX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
SO2_RUNEX	0.009378473	0.009378473	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.009378473
SO2_STREX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
TOG_DIURN	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
TOG_HTSK	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
TOG_IDLEX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
TOG_RESTL	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
TOG_RUNEX	0.084157637	0.084157637	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0.084157637
TOG_RUNLS	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0
TOG_STREX	0	0	0	18811.68292	5250.292691	0	189118.5703	55996.49428	0	1881.920759	525.0292691	0	0

EMFAC2017 Derived CalEEMod Annual Emission Rates: Year 2021^{1,2}

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0037384	0.002525135	0.003966703	0.02840889	0.0079662	0	0	0.1100876	0
Annual	CH4_RUNEX	0.0010782	0.0019861	0.0019087	0.0020251	0.0019456	0.001985214	0.000799197	0.088069003	0.0019214	0.0004079	0.3780392	0.0028543	0.002417
Annual	CH4_STREX	0.0237998	0.0291368	0.0328923	0.034105	0.0068954	0.004384531	0.00867612	4.55795E-07	0.0169742	0.0115655	0.2260798	0.0091771	0
Annual	CO_IDLEX	0	0	0	0	0.1702923	0.134281101	0.381858308	6.759172455	0.6878133	0	0	4.4354981	0
Annual	CO_RUNEX	0.454028	0.5955577	0.6025295	0.6037191	0.2002638	0.200964956	0.109446677	0.542662088	0.2348778	0.0274155	17.903502	0.2566694	0.173788
Annual	CO_STREX	1.489394	1.6116498	1.9648065	1.9826264	0.7738602	0.475500597	0.844652657	0.008450296	1.7848482	0.7148297	8.7220054	1.1778749	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	7.9794822	12.37394193	55.30614248	953.4988402	95.92371	0	0	332.22521	0
Annual	CO2_NBIO_RUNEX	224.34157	271.33056	272.18538	331.56635	547.84166	551.7290709	879.1290664	1155.063823	1131.1815	119.78959	224.97701	926.49956	842.8067
Annual	CO2_NBIO_STREX	43.421054	52.826921	53.124124	63.288728	9.0263719	6.503922399	8.75251757	0.068777822	15.217613	7.4446277	57.180891	7.5761851	0
Annual	NOX_IDLEX	0	0	0	0	0.0414279	0.059957549	0.279108303	5.536591358	0.4324627	0	0	1.7476154	0
Annual	NOX_RUNEX	0.0187133	0.0310964	0.030926	0.0327513	0.1483794	0.210355913	1.074829134	2.480030366	1.1624982	0.0222757	1.13076	1.8408377	2.4689485
Annual	NOX_STREX ³	0.11264	0.1345529	0.1369619	0.1442218	0.1832937	0.119858945	1.664111979	2.340121462	0.9557695	0.0861218	0.2630489	1.5205591	0
Annual	PM10_IDLEX	0	0	0	0	0.001003	0.001454966	9.82968E-05	0.002231523	0.0001463	0	0	0.0009345	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.061117769	0.13034	0.0086294	0.01176	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0100467	0.010815201	0.012000003	0.035622492	0.012	0.0007921	0.004	0.0103177	0.016
Annual	PM10_RUNEX	0.0009759	0.0011835	0.0011091	0.0011077	0.0042455	0.009307807	0.006285385	0.017374237	0.007782	0.0001538	0.0027361	0.0090869	0.0345358
Annual	PM10_STREX	0.0010767	0.0012672	0.0011396	0.0011268	0.0001847	0.000106785	0.000111045	7.4448E-07	0.000195	8.767E-05	0.0029002	0.0001063	0
Annual	PM25_IDLEX	0	0	0	0	0.0009596	0.001392025	9.40445E-05	0.002134988	0.0001399	0	0	0.0008941	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02619333	0.05586	0.0036983	0.00504	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0025117	0.0027038	0.003000001	0.008905623	0.003	0.000198	0.001	0.0025794	0.004
Annual	PM25_RUNEX	0.000898	0.0010883	0.0010215	0.0010206	0.0040387	0.008891739	0.006006889	0.016622593	0.0074306	0.0001415	0.0025508	0.0086735	0.0330418
Annual	PM25_STREX	0.00099	0.0011652	0.0010478	0.001036	0.0001699	9.81847E-05	0.000102102	6.84522E-07	0.0001793	8.061E-05	0.0027073	9.771E-05	0
Annual	ROG_DIURN	0.0265849	0.048257	0.0458176	0.057603	0.0012116	0.000689584	0.000354324	2.12246E-06	0.0015769	0.0006297	1.0789216	0.0016486	0
Annual	ROG_HTSK	0.0553203	0.0826028	0.0689194	0.0818195	0.0404148	0.022722367	0.015561733	8.40683E-05	0.020653	0.0079655	0.6004012	0.0138542	0
Annual	ROG_IDLEX	0	0	0	0	0.0157124	0.013218711	0.018270011	0.449644761	0.055753	0	0	0.5039704	0
Annual	ROG_RESTL	0.0270923	0.047969	0.0494778	0.0636273	0.0008589	0.000521795	0.000273984	1.65964E-06	0.0008841	0.0004655	0.6380497	0.0009969	0
Annual	ROG_RUNEX	0.0035685	0.0076068	0.0071123	0.0076986	0.0264566	0.03448406	0.008485664	0.021579943	0.0143294	0.00137	2.5714944	0.0356594	0.0520358
Annual	ROG_RUNLS	0.1550475	0.3006645	0.2599323	0.2666138	0.274434	0.120513662	0.076010575	0.000408757	0.2595272	0.0496321	1.3019567	0.0867442	0
Annual	ROG_STREX	0.0949672	0.1230249	0.1371562	0.1460421	0.0312896	0.019832969	0.042103837	2.39177E-06	0.0872422	0.0499711	1.7430756	0.0525727	0
Annual	SO2_IDLEX	0	0	0	0	7.714E-05	0.000118227	0.000525394	0.00880637	0.0009112	0	0	0.0031863	0
Annual	SO2_RUNEX	0.0020388	0.0024649	0.0024735	0.0030157	0.0053307	0.005321674	0.008398387	0.010355318	0.0108987	0.0011854	0.0022263	0.008899	0.0079676
Annual	SO2_STREX	0.0003945	0.0004799	0.0004826	0.000575	8.932E-05	6.43616E-05	8.66133E-05	6.80612E-07	0.0001506	7.367E-05	0.0005659	7.497E-05	0
Annual	TOG_DIURN	0.0268036	0.0486564	0.0461965	0.0580796	0.0012116	0.000689584	0.000354324	2.12246E-06	0.0015769	0.0006297	1.0789216	0.0016486	0
Annual	TOG_HTSK	0.0557774	0.0832872	0.06949	0.0824971	0.0404148	0.022722367	0.015561733	8.40683E-05	0.020653	0.0079655	0.6004012	0.0138542	0
Annual	TOG_IDLEX	0	0	0	0	0.0216436	0.017446314	0.025225321	0.519450967	0.0713747	0	0	0.7293376	0
Annual	TOG_RESTL	0.0273165	0.0483668	0.049888	0.0641549	0.0008589	0.000521795	0.000273984	1.65964E-06	0.0008841	0.0004655	0.6380497	0.0009969	0
Annual	TOG_RUNEX	0.0052042	0.0111558	0.0103632	0.0111958	0.0311241	0.039766261	0.010293398	0.112169018	0.0185172	0.001999	3.230044	0.0428639	0.0592393
Annual	TOG_RUNLS	0.1563344	0.3031601	0.2620897	0.2688267	0.274434	0.120513662	0.076010575	0.000408757	0.2595272	0.0496321	1.3019567	0.0867442	0
Annual	TOG_STREX	0.1045178	0.1353972	0.1509497	0.1607292	0.0342582	0.021714604	0.046098402	2.61869E-06	0.0955192	0.0547121	1.8988365	0.0575605	0
Summer	CH4_IDLEX	0	0	0	0	0.0037462	0.00253023	0.003771411	0.030035421	0.0080712	0	0	0.1102285	0
Summer	CH4_RUNEX	0.0011552	0.0021168	0.0020378	0.0021623	0.0019645	0.001995397	0.000812282	0.088070302	0.0019596	0.0004178	0.372755	0.0028901	0.002417
Summer	CH4_STREX	0.021504	0.0262668	0.0296729	0.0307692	0.0066634	0.004237666	0.008375968	4.36649E-07	0.0163384	0.0107521	0.2035209	0.0081913	0
Summer	CO_IDLEX	0	0	0	0	0.1702923	0.134281101	0.325269767	6.66865966	0.6813441	0	0	4.4175182	0

Summer	CO_RUNEX	0.4985326	0.6512237	0.6594798	0.6601844	0.2020699	0.201883614	0.110351119	0.543251537	0.2381443	0.0279565	17.29162	0.2597379	0.173788
Summer	CO_STREX	1.276775	1.3808184	1.6801403	1.6948133	0.7411226	0.455476293	0.802274409	0.008026324	1.6881891	0.6292319	7.8876938	0.9611038	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	7.9794822	12.37394193	54.95773955	941.6782549	94.781519	0	0	332.77424	0
Summer	CO2_NBIO_RUNEX	234.13607	281.43124	281.37619	340.70651	547.84479	551.7306658	879.1306872	1155.064787	1131.1873	119.79057	223.83099	926.50512	842.8067
Summer	CO2_NBIO_STREX	43.024857	52.388511	52.589349	62.745208	8.9706918	6.469784934	8.679794635	0.068105479	15.052671	7.296517	55.249261	7.2134792	0
Summer	NOX_IDLEX	0	0	0	0	0.0414279	0.059957549	0.267209611	5.273004901	0.4109167	0	0	1.730634	0
Summer	NOX_RUNEX	0.0164615	0.0272789	0.0271572	0.0287747	0.1406722	0.199506164	1.014019901	2.34666177	1.0947412	0.0196143	0.9887484	1.7351088	2.3318401
Summer	NOX_STREX ³	0.1042867	0.1245797	0.1268117	0.1335323	0.1756153	0.114837635	1.660272108	2.340117175	0.9470333	0.0823618	0.2497368	1.5150867	0
Summer	PM10_IDLEX	0	0	0	0	0.001003	0.001454966	8.57414E-05	0.001969903	0.00013	0	0	0.0007988	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.061117769	0.13034	0.0086294	0.01176	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0100467	0.010815201	0.012000003	0.035622492	0.012	0.0007921	0.004	0.0103177	0.016
Summer	PM10_RUNEX	0.0009759	0.0011835	0.0011091	0.0011077	0.0042455	0.009307807	0.006285385	0.017374237	0.007782	0.0001538	0.0027361	0.0090869	0.0345358
Summer	PM10_STREX	0.0010767	0.0012672	0.0011396	0.0011268	0.0001847	0.000106785	0.000111045	7.4448E-07	0.000195	8.767E-05	0.0029002	0.0001063	0
Summer	PM25_IDLEX	0	0	0	0	0.0009596	0.001392025	8.20322E-05	0.001884686	0.0001244	0	0	0.0007642	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02619333	0.05586	0.0036983	0.00504	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0025117	0.0027038	0.003000001	0.008905623	0.003	0.000198	0.001	0.0025794	0.004
Summer	PM25_RUNEX	0.000898	0.0010883	0.0010215	0.0010206	0.0040387	0.008891739	0.006006889	0.016622593	0.0074306	0.0001415	0.0025508	0.0086735	0.0330418
Summer	PM25_STREX	0.00099	0.0011652	0.0010478	0.001036	0.0001699	9.81847E-05	0.000102102	6.84522E-07	0.0001793	8.061E-05	0.0027073	9.771E-05	0
Summer	ROG_DIURN	0.0409415	0.0740297	0.0704231	0.0887124	0.001784	0.001015988	0.000523512	3.15817E-06	0.0022695	0.0009126	1.7081899	0.00238	0
Summer	ROG_HTSK	0.0567436	0.08521	0.0710696	0.0845157	0.0413918	0.023269662	0.015916399	8.60318E-05	0.021009	0.0082103	0.6657037	0.013969	0
Summer	ROG_IDLEX	0	0	0	0	0.0157124	0.013218711	0.017712314	0.476282183	0.0576187	0	0	0.5047527	0
Summer	ROG_RESTL	0.0371744	0.0654938	0.0675326	0.087115	0.0011689	0.000707853	0.00037252	2.27647E-06	0.0012057	0.0006415	1.0148259	0.0013492	0
Summer	ROG_RUNEX	0.0037841	0.0080551	0.0075261	0.0081428	0.0265202	0.034516245	0.008529069	0.021586658	0.0144805	0.0013978	2.5239007	0.0358207	0.0520358
Summer	ROG_RUNLS	0.1443815	0.2778521	0.2406402	0.2473364	0.2650348	0.116208683	0.073010373	0.000393308	0.2525826	0.045057	1.2014499	0.0782915	0
Summer	ROG_STREX	0.0850055	0.1099462	0.1226361	0.1305866	0.030161	0.019118722	0.040450307	2.29784E-06	0.0837476	0.0462675	1.5600987	0.0468802	0
Summer	SO2_IDLEX	0	0	0	0	7.714E-05	0.000118227	0.000522218	0.008696398	0.0009004	0	0	0.0031915	0
Summer	SO2_RUNEX	0.0021277	0.0025567	0.002557	0.0030988	0.0053307	0.00532169	0.008398404	0.010355327	0.0108988	0.0011854	0.002215	0.008899	0.0079676
Summer	SO2_STREX	0.0003909	0.0004759	0.0004778	0.00057	8.877E-05	6.40238E-05	8.58936E-05	6.73959E-07	0.000149	7.22E-05	0.0005467	7.138E-05	0
Summer	TOG_DIURN	0.0412777	0.0746421	0.0710052	0.089446	0.001784	0.001015988	0.000523512	3.15817E-06	0.0022695	0.0009126	1.7081899	0.00238	0
Summer	TOG_HTSK	0.0572125	0.0859161	0.071658	0.0852156	0.0413918	0.023269662	0.015916399	8.60318E-05	0.021009	0.0082103	0.6657037	0.013969	0
Summer	TOG_IDLEX	0	0	0	0	0.0216436	0.017446314	0.024324862	0.550166682	0.0734987	0	0	0.7302282	0
Summer	TOG_RESTL	0.0374816	0.0660366	0.0680922	0.0878371	0.0011689	0.000707853	0.00037252	2.27647E-06	0.0012057	0.0006415	1.0148259	0.0013492	0
Summer	TOG_RUNEX	0.0055205	0.0118133	0.0109703	0.0118473	0.0312169	0.039813225	0.010356734	0.112178817	0.0187377	0.0020396	3.1707377	0.0430993	0.0592393
Summer	TOG_RUNLS	0.1455799	0.2801582	0.2426375	0.2493893	0.2650348	0.116208683	0.073010373	0.000393308	0.2525826	0.045057	1.2014499	0.0782915	0
Summer	TOG_STREX	0.0935543	0.1210033	0.1349693	0.1437193	0.0330225	0.020932594	0.044287995	2.51584E-06	0.0916931	0.050657	1.6995396	0.0513279	0

Winter	CH4_IDLEX	0	0	0	0	0.0037367	0.002524071	0.004250471	0.019168295	0.0078424	0	0	0.1100147	0
Winter	CH4_RUNEX	0.0010542	0.0019452	0.0018685	0.0019823	0.0019405	0.001982473	0.000794535	0.000941159	0.0019106	0.0004055	0.3791832	0.0028435	0.002417
Winter	CH4_STREX	0.0243169	0.0297847	0.0336194	0.0348585	0.0069464	0.004416837	0.008724354	4.60305E-07	0.0171273	0.0117492	0.2309507	0.0094031	0
Winter	CO_IDLEX	0	0	0	0	0.1702923	0.134281101	0.461028375	6.742706101	0.6967469	0	0	4.4603274	0
Winter	CO_RUNEX	0.4377372	0.5751571	0.5816654	0.5830315	0.1997716	0.200714626	0.109186791	0.245333872	0.2339392	0.0272804	18.023806	0.2557274	0.173788
Winter	CO_STREX	1.5380288	1.6645558	2.0306185	2.0492281	0.7800016	0.479267127	0.853064264	0.00853445	1.804983	0.7318906	8.8870416	1.2189578	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	7.9794822	12.37394193	55.78236926	948.2118866	97.501022	0	0	331.46702	0
Winter	CO2_NBIO_RUNEX	220.71997	267.59581	268.78711	328.1868	547.8408	551.7286357	879.1286001	1096.017011	1131.1798	119.78935	225.20588	926.49786	842.8067
Winter	CO2_NBIO_STREX	43.511536	52.927187	53.247432	63.414147	9.0369356	6.510418302	8.767128801	0.068911284	15.252352	7.4744838	57.574638	7.6456884	0
Winter	NOX_IDLEX	0	0	0	0	0.0414279	0.059957549	0.295539006	5.773289268	0.4622167	0	0	1.7710659	0
Winter	NOX_RUNEX	0.0181407	0.0301674	0.0300028	0.031773	0.1462014	0.206922589	1.054559942	2.4170254	1.1411085	0.021711	1.1039937	1.8084932	2.4226429
Winter	NOX_STREX ³	0.1144976	0.1367728	0.1392169	0.1465976	0.1850442	0.121004235	1.665025215	2.340122481	0.9578698	0.0869894	0.2661963	1.522159	0
Winter	PM10_IDLEX	0	0	0	0	0.001003	0.001454966	0.000115635	0.002481303	0.0001688	0	0	0.001122	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.059843715	0.13034	0.0086294	0.01176	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0100467	0.010815201	0.012000003	0.034879603	0.012	0.0007921	0.004	0.0103177	0.016
Winter	PM10_RUNEX	0.0009759	0.0011835	0.0011091	0.0011077	0.0042455	0.009307807	0.006285385	0.017295523	0.007782	0.0001538	0.0027361	0.0090869	0.0345358
Winter	PM10_STREX	0.0010767	0.0012672	0.0011396	0.0011268	0.0001847	0.000106785	0.000111045	7.4448E-07	0.000195	8.767E-05	0.0029002	0.0001063	0
Winter	PM25_IDLEX	0	0	0	0	0.0009596	0.001392025	0.000110633	0.002373963	0.0001615	0	0	0.0010734	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.025647306	0.05586	0.0036983	0.00504	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0025117	0.0027038	0.003000001	0.008719901	0.003	0.000198	0.001	0.0025794	0.004
Winter	PM25_RUNEX	0.000898	0.0010883	0.0010215	0.0010206	0.0040387	0.008891739	0.006006889	0.016547285	0.0074306	0.0001415	0.0025508	0.0086735	0.0330418
Winter	PM25_STREX	0.00099	0.0011652	0.0010478	0.001036	0.0001699	9.81847E-05	0.000102102	6.84522E-07	0.0001793	8.061E-05	0.0027073	9.771E-05	0
Winter	ROG_DIURN	0.0252579	0.0461037	0.0430075	0.0538817	0.0011952	0.000661003	0.000337325	2.02369E-06	0.0015592	0.000616	1.1657813	0.0015695	0
Winter	ROG_HTSK	0.0582702	0.0881089	0.0735272	0.087499	0.0445125	0.024087959	0.016263183	8.83671E-05	0.021503	0.0084926	0.750936	0.0141497	0
Winter	ROG_IDLEX	0	0	0	0	0.0157124	0.013218711	0.019055935	0.412688143	0.0531765	0	0	0.5028901	0
Winter	ROG_RESTL	0.0257772	0.0456333	0.0471587	0.0606843	0.0008259	0.000498373	0.00026165	1.59E-06	0.0008471	0.0004421	0.6064365	0.0009493	0
Winter	ROG_RUNEX	0.0034972	0.0074592	0.0069757	0.0075519	0.026439	0.034475164	0.008473052	0.01910087	0.0142855	0.001363	2.5818188	0.0356098	0.0520358
Winter	ROG_RUNLS	0.1801883	0.3555378	0.3062119	0.3128569	0.2985083	0.13170077	0.083650413	0.000449008	0.2781545	0.0603404	1.5430894	0.1052998	0
Winter	ROG_STREX	0.0972064	0.1259632	0.1404239	0.1495216	0.0315367	0.019989577	0.042484641	2.4134E-06	0.0880836	0.0508092	1.7827677	0.0538787	0
Winter	SO2_IDLEX	0	0	0	0	7.714E-05	0.000118227	0.000529732	0.008958236	0.0009261	0	0	0.0031792	0
Winter	SO2_RUNEX	0.0020059	0.002431	0.0024426	0.002985	0.0053307	0.00532167	0.008398383	0.010355315	0.0108987	0.0011854	0.0022286	0.008899	0.0079676
Winter	SO2_STREX	0.0003953	0.0004808	0.0004837	0.0005761	8.943E-05	6.44259E-05	8.67578E-05	6.81933E-07	0.0001509	7.397E-05	0.0005697	7.566E-05	0
Winter	TOG_DIURN	0.0254661	0.0464856	0.0433634	0.0543279	0.0011952	0.000661003	0.000337325	2.02369E-06	0.0015592	0.000616	1.1657813	0.0015695	0
Winter	TOG_HTSK	0.0587517	0.088839	0.0741361	0.0882237	0.0445125	0.024087959	0.016263183	8.83671E-05	0.021503	0.0084926	0.750936	0.0141497	0
Winter	TOG_IDLEX	0	0	0	0	0.0216436	0.017446314	0.026491821	0.469814036	0.0684416	0	0	0.7281077	0
Winter	TOG_RESTL	0.0259908	0.0460118	0.0475498	0.0611877	0.0008259	0.000498373	0.00026165	1.59E-06	0.0008471	0.0004421	0.6064365	0.0009493	0
Winter	TOG_RUNEX	0.0050996	0.0109391	0.0101629	0.0109807	0.0310984	0.039753281	0.010274993	0.021842209	0.0184532	0.0019889	3.2428968	0.0427916	0.0592393
Winter	TOG_RUNLS	0.1816838	0.3584888	0.3087534	0.3154536	0.2985083	0.13170077	0.083650413	0.000449008	0.2781545	0.0603404	1.5430894	0.1052998	0
Winter	TOG_STREX	0.1069822	0.138631	0.1545459	0.1645587	0.0345287	0.021886071	0.046515335	2.64237E-06	0.0964404	0.0556297	1.9420701	0.0589904	0

1 Source: California Air Resources Board. EMFAC2017 Web Database. <https://www.arb.ca.gov/emfac/2017/>; California Air Pollution Control Officers Association (CAPCOA). 2017, November. California Emissions Estimator Model User's Guide, Version 2016.3.2, Appendix A.

2 Unless otherwise noted, per CalEEMod methodology, the calculated CalEEMod emission rates are derived from the emission rates obtained using the EMFAC2017 Web Database for the Los Angeles (SC) region.

3 Because EMFAC2017 provides vehicle trips data for MHDT and HHDT diesel trucks, the formula provided in Appendix A of the CalEEMod User's Guide in calculating the NO_x STREX emission rates are utilized.

Off-Model Adjustment Factors for Gasoline Light Duty Vehicle (LDA, LDT1, LDT2, MDV) Emissio

Year	NOx Exh	TOG Evap	TOG Exh	PM Exh	CO Exh
2021	1.0002	1.0001	1.0002	1.0009	1.0005
2022	1.0004	1.0003	1.0004	1.0018	1.0014
2023	1.0007	1.0006	1.0007	1.0032	1.0027
2024	1.0012	1.001	1.0011	1.0051	1.0044
2025	1.0018	1.0016	1.0016	1.0074	1.0065
2026	1.0023	1.0022	1.002	1.0091	1.0083
2027	1.0028	1.0028	1.0024	1.0105	1.0102
2028	1.0034	1.0035	1.0028	1.0117	1.012
2029	1.004	1.0042	1.0032	1.0129	1.0138
2030	1.0047	1.0051	1.0037	1.0142	1.0156
2031	1.0054	1.0061	1.0042	1.0155	1.0173
2032	1.0061	1.0072	1.0047	1.0169	1.0189
2033	1.0068	1.0083	1.0052	1.0182	1.0204
2034	1.0075	1.0095	1.0058	1.0196	1.0218
2035	1.0081	1.0108	1.0063	1.021	1.0232
2036	1.0088	1.0121	1.0069	1.0223	1.0244
2037	1.0094	1.0134	1.0074	1.0236	1.0255
2038	1.0099	1.0148	1.0079	1.0248	1.0265
2039	1.0104	1.0161	1.0085	1.0259	1.0274
2040	1.0109	1.0174	1.009	1.027	1.0281
2041	1.0113	1.0186	1.0095	1.0279	1.0288
2042	1.0116	1.0198	1.0099	1.0286	1.0294
2043	1.0119	1.0207	1.0103	1.0293	1.0299
2044	1.0122	1.0216	1.0106	1.0299	1.0303
2045	1.0124	1.0225	1.0109	1.0303	1.0306
2046	1.0125	1.0233	1.0111	1.0308	1.0309
2047	1.0127	1.024	1.0113	1.0311	1.0311
2048	1.0128	1.0246	1.0115	1.0314	1.0313
2049	1.0128	1.0252	1.0116	1.0316	1.0315
2050	1.0129	1.0257	1.0117	1.0318	1.0316

2021NOx	2021	NOx	1.0002
2022NOx	2022	NOx	1.0004
2023NOx	2023	NOx	1.0007
2024NOx	2024	NOx	1.0012
2025NOx	2025	NOx	1.0018
2026NOx	2026	NOx	1.0023
2027NOx	2027	NOx	1.0028
2028NOx	2028	NOx	1.0034
2029NOx	2029	NOx	1.004
2030NOx	2030	NOx	1.0047
2031NOx	2031	NOx	1.0054

2032NOx	2032	NOx	1.0061
2033NOx	2033	NOx	1.0068
2034NOx	2034	NOx	1.0075
2035NOx	2035	NOx	1.0081
2036NOx	2036	NOx	1.0088
2037NOx	2037	NOx	1.0094
2038NOx	2038	NOx	1.0099
2039NOx	2039	NOx	1.0104
2040NOx	2040	NOx	1.0109
2041NOx	2041	NOx	1.0113
2042NOx	2042	NOx	1.0116
2043NOx	2043	NOx	1.0119
2044NOx	2044	NOx	1.0122
2045NOx	2045	NOx	1.0124
2046NOx	2046	NOx	1.0125
2047NOx	2047	NOx	1.0127
2048NOx	2048	NOx	1.0128
2049NOx	2049	NOx	1.0128
2050NOx	2050	NOx	1.0129
2021TOG_I	2021	TOG_EV	1.0001
2022TOG_I	2022	TOG_EV	1.0003
2023TOG_I	2023	TOG_EV	1.0006
2024TOG_I	2024	TOG_EV	1.001
2025TOG_I	2025	TOG_EV	1.0016
2026TOG_I	2026	TOG_EV	1.0022
2027TOG_I	2027	TOG_EV	1.0028
2028TOG_I	2028	TOG_EV	1.0035
2029TOG_I	2029	TOG_EV	1.0042
2030TOG_I	2030	TOG_EV	1.0051
2031TOG_I	2031	TOG_EV	1.0061
2032TOG_I	2032	TOG_EV	1.0072
2033TOG_I	2033	TOG_EV	1.0083
2034TOG_I	2034	TOG_EV	1.0095
2035TOG_I	2035	TOG_EV	1.0108
2036TOG_I	2036	TOG_EV	1.0121
2037TOG_I	2037	TOG_EV	1.0134
2038TOG_I	2038	TOG_EV	1.0148
2039TOG_I	2039	TOG_EV	1.0161
2040TOG_I	2040	TOG_EV	1.0174
2041TOG_I	2041	TOG_EV	1.0186
2042TOG_I	2042	TOG_EV	1.0198
2043TOG_I	2043	TOG_EV	1.0207
2044TOG_I	2044	TOG_EV	1.0216
2045TOG_I	2045	TOG_EV	1.0225
2046TOG_I	2046	TOG_EV	1.0233
2047TOG_I	2047	TOG_EV	1.024
2048TOG_I	2048	TOG_EV	1.0246

2049TOG_I	2049	TOG_EV	1.0252
2050TOG_I	2050	TOG_EV	1.0257
2021TOG_I	2021	TOG_Ex	1.0002
2022TOG_I	2022	TOG_Ex	1.0004
2023TOG_I	2023	TOG_Ex	1.0007
2024TOG_I	2024	TOG_Ex	1.0011
2025TOG_I	2025	TOG_Ex	1.0016
2026TOG_I	2026	TOG_Ex	1.002
2027TOG_I	2027	TOG_Ex	1.0024
2028TOG_I	2028	TOG_Ex	1.0028
2029TOG_I	2029	TOG_Ex	1.0032
2030TOG_I	2030	TOG_Ex	1.0037
2031TOG_I	2031	TOG_Ex	1.0042
2032TOG_I	2032	TOG_Ex	1.0047
2033TOG_I	2033	TOG_Ex	1.0052
2034TOG_I	2034	TOG_Ex	1.0058
2035TOG_I	2035	TOG_Ex	1.0063
2036TOG_I	2036	TOG_Ex	1.0069
2037TOG_I	2037	TOG_Ex	1.0074
2038TOG_I	2038	TOG_Ex	1.0079
2039TOG_I	2039	TOG_Ex	1.0085
2040TOG_I	2040	TOG_Ex	1.009
2041TOG_I	2041	TOG_Ex	1.0095
2042TOG_I	2042	TOG_Ex	1.0099
2043TOG_I	2043	TOG_Ex	1.0103
2044TOG_I	2044	TOG_Ex	1.0106
2045TOG_I	2045	TOG_Ex	1.0109
2046TOG_I	2046	TOG_Ex	1.0111
2047TOG_I	2047	TOG_Ex	1.0113
2048TOG_I	2048	TOG_Ex	1.0115
2049TOG_I	2049	TOG_Ex	1.0116
2050TOG_I	2050	TOG_Ex	1.0117
2021PM	2021	PM	1.0009
2022PM	2022	PM	1.0018
2023PM	2023	PM	1.0032
2024PM	2024	PM	1.0051
2025PM	2025	PM	1.0074
2026PM	2026	PM	1.0091
2027PM	2027	PM	1.0105
2028PM	2028	PM	1.0117
2029PM	2029	PM	1.0129
2030PM	2030	PM	1.0142
2031PM	2031	PM	1.0155
2032PM	2032	PM	1.0169
2033PM	2033	PM	1.0182
2034PM	2034	PM	1.0196
2035PM	2035	PM	1.021

2036PM	2036	PM	1.0223
2037PM	2037	PM	1.0236
2038PM	2038	PM	1.0248
2039PM	2039	PM	1.0259
2040PM	2040	PM	1.027
2041PM	2041	PM	1.0279
2042PM	2042	PM	1.0286
2043PM	2043	PM	1.0293
2044PM	2044	PM	1.0299
2045PM	2045	PM	1.0303
2046PM	2046	PM	1.0308
2047PM	2047	PM	1.0311
2048PM	2048	PM	1.0314
2049PM	2049	PM	1.0316
2050PM	2050	PM	1.0318
2021CO	2021	CO	1.0005
2022CO	2022	CO	1.0014
2023CO	2023	CO	1.0027
2024CO	2024	CO	1.0044
2025CO	2025	CO	1.0065
2026CO	2026	CO	1.0083
2027CO	2027	CO	1.0102
2028CO	2028	CO	1.012
2029CO	2029	CO	1.0138
2030CO	2030	CO	1.0156
2031CO	2031	CO	1.0173
2032CO	2032	CO	1.0189
2033CO	2033	CO	1.0204
2034CO	2034	CO	1.0218
2035CO	2035	CO	1.0232
2036CO	2036	CO	1.0244
2037CO	2037	CO	1.0255
2038CO	2038	CO	1.0265
2039CO	2039	CO	1.0274
2040CO	2040	CO	1.0281
2041CO	2041	CO	1.0288
2042CO	2042	CO	1.0294
2043CO	2043	CO	1.0299
2044CO	2044	CO	1.0303
2045CO	2045	CO	1.0306
2046CO	2046	CO	1.0309
2047CO	2047	CO	1.0311
2048CO	2048	CO	1.0313
2049CO	2049	CO	1.0315
2050CO	2050	CO	1.0316
2021CO2	2021	CO2	1.0023
2022CO2	2022	CO2	1.0065

2023CO2	2023	CO2	1.0126
2024CO2	2024	CO2	1.0207
2025CO2	2025	CO2	1.0309
2026CO2	2026	CO2	1.0394
2027CO2	2027	CO2	1.0475
2028CO2	2028	CO2	1.0554
2029CO2	2029	CO2	1.0629
2030CO2	2030	CO2	1.0702
2031CO2	2031	CO2	1.077
2032CO2	2032	CO2	1.0834
2033CO2	2033	CO2	1.0893
2034CO2	2034	CO2	1.0947
2035CO2	2035	CO2	1.0997
2036CO2	2036	CO2	1.1041
2037CO2	2037	CO2	1.108
2038CO2	2038	CO2	1.1114
2039CO2	2039	CO2	1.1143
2040CO2	2040	CO2	1.1168
2041CO2	2041	CO2	1.1189
2042CO2	2042	CO2	1.1207
2043CO2	2043	CO2	1.1221
2044CO2	2044	CO2	1.1233
2045CO2	2045	CO2	1.1243
2046CO2	2046	CO2	1.1251
2047CO2	2047	CO2	1.1258
2048CO2	2048	CO2	1.1263
2049CO2	2049	CO2	1.1268
2050CO2	2050	CO2	1.1272

ns in EMFAC2017

CO2 Exh

- 1.0023
- 1.0065
- 1.0126
- 1.0207
- 1.0309
- 1.0394
- 1.0475
- 1.0554
- 1.0629
- 1.0702
- 1.077
- 1.0834
- 1.0893
- 1.0947
- 1.0997
- 1.1041
- 1.108
- 1.1114
- 1.1143
- 1.1168
- 1.1189
- 1.1207
- 1.1221
- 1.1233
- 1.1243
- 1.1251
- 1.1258
- 1.1263
- 1.1268
- 1.1272

LDA CalEEMod Emission Rate Worksheet

Pollutant	Adjustment Factor	Vehicle Class: LDA											CalEEMod Emission Rate		
		Emission Rates			Population			VMT			Trips				
		Gas	DSL	ELEC	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL	LDA Elec	LDA Gas	LDA DSL		LDA Elec	
CH4_IDLEX		0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
CH4_RUNEX		0.001148997	0.000380736	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.001078156
CH4_STREX		0.025366855	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.023799775
CO_IDLEX	1.0204	0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
CO_RUNEX	1.0204	0.483011757	0.231418428	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.454028035
CO_STREX	1.0204	1.587462211	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	1.489394042
CO2_NBIO_IDLEX	1.0893	0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
CO2_NBIO_RUNEX	1.0893	237.9430104	174.6685027	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	224.3415703
CO2_NBIO_STREX	1.0893	46.28008454	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	43.42105388
NOX_IDLEX	1.0068	0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
NOX_RUNEX	1.0068	0.019846158	0.014713621	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.018713318
NOX_STREX	1.0068	0.120056759	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.11264005
PM10_IDLEX	1.0182	0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.008000002
PM10_RUNEX	1.0182	0.001026012	0.001521984	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.000975938
PM10_STREX	1.0182	0.001147622	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.001076726
PM25_IDLEX	1.0182	0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.015750005
PM25_PMTW		0.002000001	0.002000001	0.002000001	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.002000001
PM25_RUNEX	1.0182	0.00094338	0.001456143	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.000897971
PM25_STREX	1.0182	0.001055196	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.00099001
ROG_DIURN		0.132139393	0	0.022407439	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.02658487
ROG_HTSK		0.058698043	0	0.004888026	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.055320321
ROG_IDLEX		0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
ROG_RESTL		0.135466309	0	0.007500233	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.027092301
ROG_RUNEX		0.003720211	0.008197029	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.003568519
ROG_RUNLS		0.165256517	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.155047516
ROG_STREX		0.101220284	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.09496723
SO2_IDLEX		0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
SO2_RUNEX		0.002161607	0.001651245	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.002038763
SO2_STREX		0.000420434	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.000394461
TOG_DIURN	1.0083	0.133236149	0	0.022407439	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.026803578
TOG_HTSK	1.0083	0.059185237	0	0.004888026	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.055777418
TOG_IDLEX	1.0052	0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
TOG_RESTL	1.0083	0.13659068	0	0.007500233	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.027316516
TOG_RUNEX	1.0052	0.005456752	0.009331772	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.005204233
TOG_RUNLS	1.0083	0.166628146	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.15633441
TOG_STREX	1.0052	0.111399753	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.104517844
CH4_IDLEX		0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
CH4_RUNEX		0.001231404	0.000380736	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.001155178
CH4_STREX		0.022919965	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.021504045
CO_IDLEX	1.0204	0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
CO_RUNEX	1.0204	0.530628038	0.231418428	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.498532595
CO_STREX	1.0204	1.360843364	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	1.276774959
CO2_NBIO_IDLEX	1.0893	0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
CO2_NBIO_RUNEX	1.0893	248.4223289	174.6685027	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	234.136066
CO2_NBIO_STREX	1.0893	45.85780034	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	43.02485701
NOX_IDLEX	1.0068	0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
NOX_RUNEX	1.0068	0.017446535	0.013903895	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.016461479
NOX_STREX	1.0068	0.111153389	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.1042867
PM10_IDLEX	1.0182	0	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.008000002
PM10_RUNEX	1.0182	0.001026012	0.001521984	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.000975938
PM10_STREX	1.0182	0.001147622	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.001076726
PM25_IDLEX															

CH4_IDLEX		0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
CH4_RUNEX		0.001123384	0.000380736	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.001054217
CH4_STREX		0.025918036	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.024316905
CO_IDLEX	1.0204	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
CO_RUNEX	1.0204	0.46558191	0.231418428	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.437737228
CO_STREX	1.0204	1.639299265	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	1.538028774
CO2_NBIO_IDLEX	1.0893	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
CO2_NBIO_RUNEX	1.0893	234.0681958	174.6685027	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	220.7199746
CO2_NBIO_STREX	1.0893	46.37652453	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	43.51153612
NOX_IDLEX	1.0068	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
NOX_RUNEX	1.0068	0.019236833	0.0144342	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.018140696
NOX_STREX	1.0068	0.122036569	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.114497554
PM10_IDLEX	1.0182	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.008000002
PM10_RUNEX	1.0182	0.001026012	0.001521984	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.000975938
PM10_STREX	1.0182	0.001147622	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.001076726
PM25_IDLEX	1.0182	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.015750005
PM25_PMTW		0.002000001	0.002000001	0.002000001	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.002000001
PM25_RUNEX	1.0182	0.00094338	0.001456143	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.000897971
PM25_STREX	1.0182	0.001055196	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.00099001
ROG_DIURN		0.12581429	0	0.016129757	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.025257864
ROG_HTSK		0.06184211	0	0.004888026	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.058270158
ROG_IDLEX		0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
ROG_RESTL		0.129025251	0	0.004571725	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.025777221
ROG_RUNEX		0.003643862	0.008197029	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.003497159
ROG_RUNLS		0.192052632	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.180188255
ROG_STREX		0.103606924	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.09720643
SO2_IDLEX		0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
SO2_RUNEX		0.002126406	0.001651245	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.002005863
SO2_STREX		0.00042131	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.000395283
TOG_DIURN	1.0083	0.126858548	0	0.016129757	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.025466103
TOG_HTSK	1.0083	0.0623554	0	0.004888026	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.058751738
TOG_IDLEX	1.0052	0	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0
TOG_RESTL	1.0083	0.13009616	0	0.004571725	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.025990775
TOG_RUNEX	1.0052	0.005344763	0.009331772	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.005099563
TOG_RUNLS	1.0083	0.193646669	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.181683818
TOG_STREX	1.0052	0.11402641	0	0	4323974.14	49714.14036	226912.6863	145368419.9	1734692.075	8429344.477	20343923.64	237403.429	1102128.808	0.106982236

LDT1 CalEEMod Emission Rate Worksheet

Pollutant	Adjustment Factor	Vehicle Class: LDT1											CalEEMod Emission Rate	
		Emission Rates			Population			VMT			Trips			
		Gas	DSL	ELEC	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL	LDT1 Elec	LDT1 Gas	LDT1 DSL		LDT1 Elec
CH4_IDLEX		0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
CH4_RUNEX		0.002051166	0.001739947	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.001986057
CH4_STREX		0.03002072	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.029136815
CO_IDLEX	1.0204	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
CO_RUNEX	1.0204	0.615107355	0.358715804	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.595557729
CO_STREX	1.0204	1.66054135	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	1.611649777
CO2_NBIO_IDLEX	1.0893	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
CO2_NBIO_RUNEX	1.0893	280.2051835	369.2070943	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	271.3305557
CO2_NBIO_STREX	1.0893	54.4294973	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	52.82692128
NOX_IDLEX	1.0068	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
NOX_RUNEX	1.0068	0.032083182	0.236946391	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.031096355
NOX_STREX	1.0068	0.13863476	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.134552915
PM10_IDLEX	1.0182	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.008000002
PM10_RUNEX	1.0182	0.00122008	0.015592794	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.001183543
PM10_STREX	1.0182	0.001305669	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.001267226
PM25_IDLEX	1.0182	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.015750005
PM25_PMTW		0.002000001	0.002000001	0.002000001	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.002000001
PM25_RUNEX	1.0182	0.001121818	0.014918257	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.001088311
PM25_STREX	1.0182	0.001200515	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.001165168
ROG_DIURN		0.229506839	0	0.022407439	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.048257022
ROG_HTSK		0.084961191	0	0.004888026	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.08260283
ROG_IDLEX		0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
ROG_RESTL		0.228561361	0	0.007500233	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.047968987
ROG_RUNEX		0.007851435	0.037460036	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.007606848
ROG_RUNLS		0.309785611	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.300664546
ROG_STREX		0.12675704	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.123024913
SO2_IDLEX		0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
SO2_RUNEX		0.002545541	0.003490335	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.002464939
SO2_STREX		0.000494468	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.000479909
TOG_DIURN	1.0083	0.231411746	0	0.022407439	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.048656436
TOG_HTSK	1.0083	0.085666369	0	0.004888026	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.083287245
TOG_IDLEX	1.0052	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
TOG_RESTL	1.0083	0.230458421	0	0.007500233	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.048366755
TOG_RUNEX	1.0052	0.011516371	0.042645761	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.011155762
TOG_RUNLS	1.0083	0.312356831	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.303160061
TOG_STREX	1.0052	0.139504675	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.135397218
CH4_IDLEX		0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
CH4_RUNEX		0.002186192	0.001739947	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.00211678
CH4_STREX		0.027063611	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.026266773
CO_IDLEX	1.0204	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
CO_RUNEX	1.0204	0.672605814	0.358715804	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.651223697
CO_STREX	1.0204	1.4227074	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	1.380818408
CO2_NBIO_IDLEX	1.0893	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
CO2_NBIO_RUNEX	1.0893	290.6383747	369.2070943	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	281.4312384
CO2_NBIO_STREX	1.0893	53.97778721	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	52.38851096
NOX_IDLEX	1.0068	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
NOX_RUNEX	1.0068	0.028142058	0.22394305	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.027278878
NOX_STREX	1.0068	0.128359027	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.124579732
PM10_IDLEX	1.0182	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	592908.7295	100.015								

CH4_IDLEX	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0	
CH4_RUNEX	0.00200897	0.001739947	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.001945205	
CH4_STREX	0.030688241	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.029784683	
CO_IDLEX	1.0204	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0	
CO_RUNEX	1.0204	0.594035138	0.358715804	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.575157088	
CO_STREX	1.0204	1.715052383	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	1.664555833	
CO2_NBIO_IDLEX	1.0893	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0	
CO2_NBIO_RUNEX	1.0893	276.3474924	369.2070943	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	267.5958102	
CO2_NBIO_STREX	1.0893	54.53280485	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	52.92718713	
NOX_IDLEX	1.0068	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0	
NOX_RUNEX	1.0068	0.031124317	0.232460495	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.030167374	
NOX_STREX	1.0068	0.140921973	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.136772786	
PM10_IDLEX	1.0182	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0	
PM10_PMBW	0.036750011	0.036750011	0.036750011	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.036750011	
PM10_PMTW	0.008000002	0.008000002	0.008000002	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.008000002	
PM10_RUNEX	1.0182	0.00122008	0.015592794	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.001183543	
PM10_STREX	1.0182	0.001305669	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.001267226	
PM25_IDLEX	1.0182	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0	
PM25_PMBW	0.015750005	0.015750005	0.015750005	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.015750005	
PM25_PMTW	0.002000001	0.002000001	0.002000001	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.002000001	
PM25_RUNEX	1.0182	0.001121818	0.014918257	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.001088311	
PM25_STREX	1.0182	0.001200515	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.001165168	
ROG_DIURN	0.219417438	0	0.016129757	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.046103706	
ROG_HTSK	0.090634321	0	0.004888026	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.088108924	
ROG_IDLEX	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0	
ROG_RESTL	0.217505744	0	0.004571725	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.045633251	
ROG_RUNEX	0.007698894	0.037460036	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.007459168	
ROG_RUNLS	0.366323551	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.35553783	
ROG_STREX	0.12978447	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.125963206	
SO2_IDLEX	0	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0	
SO2_RUNEX	0.002510495	0.003490335	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.002431011	
SO2_STREX	0.000495407	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.00048082	
TOG_DIURN	1.0083	0.221238603	0	0.016129757	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.04648556
TOG_HTSK	1.0083	0.091386586	0	0.004888026	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.08883904
TOG_IDLEX	1.0052	0	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0	
TOG_RESTL	1.0083	0.219311041	0	0.004571725	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.046011779
TOG_RUNEX	1.0052	0.011292626	0.042645761	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.010939147	
TOG_RUNLS	1.0083	0.369364036	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.358488794	
TOG_STREX	1.0052	0.14283657	0	592908.7295	100.0156329	17032.45314	19369391.86	3012.057032	634616.8868	2744481.4	436.9265178	82820.62422	0.138631008	

LDT2 CalEEMod Emission Rate Worksheet

Pollutant	Adjustment Factor	Vehicle Class: LDT2											CalEEMod Emission Rate	
		Emission Rates			Population			VMT			Trips			
		Gas	DSL	ELEC	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL	LDT2 Elec	LDT2 Gas	LDT2 DSL		LDT2 Elec
CH4_IDLEX		0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
CH4_RUNEX		0.001970325	0.001024091	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001908732
CH4_STREX		0.034437791	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.032892271
CO_IDLEX	1.0204	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
CO_RUNEX	1.0204	0.622971037	0.222274123	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.602529509
CO_STREX	1.0204	2.057127428	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	1.964806453
CO2_NBIO_IDLEX	1.0893	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
CO2_NBIO_RUNEX	1.0893	280.0847321	235.4338496	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	272.1853832
CO2_NBIO_STREX	1.0893	55.62028357	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	53.12412376
NOX_IDLEX	1.0068	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
NOX_RUNEX	1.0068	0.031726542	0.036563933	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.030926027
NOX_STREX	1.0068	0.143397323	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.136961853
PM10_IDLEX	1.0182	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.008000002
PM10_RUNEX	1.0182	0.001103933	0.00474156	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001109135
PM10_STREX	1.0182	0.001193166	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001139618
PM25_IDLEX	1.0182	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.015750005
PM25_PMTW		0.002000001	0.002000001	0.002000001	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.002000001
PM25_RUNEX	1.0182	0.001015026	0.004536442	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001021493
PM25_STREX	1.0182	0.001097072	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001047837
ROG_DIURN		0.223537583	0	0.022407439	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.045817606
ROG_HTSK		0.071975772	0	0.004888026	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.068919382
ROG_IDLEX		0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
ROG_RESTL		0.241993018	0	0.007500233	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.049477794
ROG_RUNEX		0.007161546	0.022048076	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.007112284
ROG_RUNLS		0.272145826	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.259932306
ROG_STREX		0.14360082	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.137156218
SO2_IDLEX		0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
SO2_RUNEX		0.002544446	0.002225697	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.002473512
SO2_STREX		0.000505286	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.000482609
TOG_DIURN	1.0083	0.225392945	0	0.022407439	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.046196532
TOG_HTSK	1.0083	0.072573171	0	0.004888026	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.069489971
TOG_IDLEX	1.0052	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
TOG_RESTL	1.0083	0.24400156	0	0.007500233	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.049888004
TOG_RUNEX	1.0052	0.010504451	0.025100269	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.010363216
TOG_RUNLS	1.0083	0.274404637	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.262089744
TOG_STREX	1.0052	0.158042392	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.150949673
CH4_IDLEX		0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
CH4_RUNEX		0.00210421	0.001024091	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.002037769
CH4_STREX		0.031067161	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.029672911
CO_IDLEX	1.0204	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
CO_RUNEX	1.0204	0.682061149	0.222274123	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.659479816
CO_STREX	1.0204	1.759085582	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	1.680140304
CO2_NBIO_IDLEX	1.0893	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
CO2_NBIO_RUNEX	1.0893	289.6208667	235.4338496	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	281.3761899
CO2_NBIO_STREX	1.0893	55.06038119	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	52.58934901
NOX_IDLEX	1.0068	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
NOX_RUNEX	1.0068	0.027836015	0.034550997	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.027157207
NOX_STREX	1.0068	0.132770264	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.126811722
PM10_IDLEX	1.0182	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.008000002
PM10_RUNEX	1.0182	0.001103933	0.00474156	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001109135
PM10_STREX	1.0182	0.001193166	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001139618
PM25_IDLEX	1.0182	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	1652226.144	15835.24098	59163.4335	55051434.38	544244.04					

CH4_IDLEX	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
CH4_RUNEX	0.001928596	0.001024091	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001868514
CH4_STREX	0.035199072	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.033619387
CO_IDLEX	1.0204	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
CO_RUNEX	1.0204	0.601322948	0.222274123	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.581665352
CO_STREX	1.0204	2.126031806	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	2.0306185
CO2_NBIO_IDLEX	1.0893	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
CO2_NBIO_RUNEX	1.0893	276.5587786	235.4338496	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	268.7871136
CO2_NBIO_STREX	1.0893	55.74938581	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	53.24743207
NOX_IDLEX	1.0068	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
NOX_RUNEX	1.0068	0.030775466	0.035869282	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.030002773
NOX_STREX	1.0068	0.145758377	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.139216947
PM10_IDLEX	1.0182	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
PM10_PMBW	0.036750011	0.036750011	0.036750011	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.036750011
PM10_PMTW	0.008000002	0.008000002	0.008000002	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.008000002
PM10_RUNEX	1.0182	0.001103933	0.00474156	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001109135
PM10_STREX	1.0182	0.001193166	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001139618
PM25_IDLEX	1.0182	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
PM25_PMBW	0.015750005	0.015750005	0.015750005	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.015750005
PM25_PMTW	0.002000001	0.002000001	0.002000001	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.002000001
PM25_RUNEX	1.0182	0.001015026	0.004536442	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001021493
PM25_STREX	1.0182	0.001097072	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.001047837
ROG_DIURN	0.210002872	0	0.016129757	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.043007462
ROG_HTSK	0.076800119	0	0.004888026	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.073527219
ROG_IDLEX	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
ROG_RESTL	0.230742662	0	0.004571725	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.047158684
ROG_RUNEX	0.00701986	0.022048076	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.006975729
ROG_RUNLS	0.320599955	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.306211881
ROG_STREX	0.147021991	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.140423851
SO2_IDLEX	0	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
SO2_RUNEX	0.002512415	0.002225697	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.00244264
SO2_STREX	0.000506459	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0.000483729
TOG_DIURN	1.0083	0.211745896	0	0.016129757	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	0.043363445
TOG_HTSK	1.0083	0.07743756	0	0.004888026	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	0.074136053
TOG_IDLEX	1.0052	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	287616.6338	0
TOG_RESTL	1.0083	0.232657826	0	0.004571725	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	0.047549823
TOG_RUNEX	1.0052	0.010296629	0.025100269	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	0.01016292
TOG_RUNLS	1.0083	0.323260934	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	0.30875344
TOG_STREX	1.0052	0.16180762	0	0	1652226.144	15835.24098	59163.4335	55051434.38	544244.0431	1524213.674	7726846.894	75447.1367	0.154545923

MDV CalEEMod Emission Rate Worksheet

Pollutant	Adjustment Factor	Vehicle Class: MDV											CalEEMod Emission Rate	
		Emission Rates			Population			VMT			Trips			
		Gas	DSL	ELEC	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL	MDV Elec	MDV Gas	MDV DSL		MDV Elec
CH4_IDLEX		0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
CH4_RUNEX	0.002145696	0.000427018	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.002025088
CH4_STREX	0.036659464	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.034105049
CO_IDLEX	1.0204	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
CO_RUNEX	1.0204	0.635267671	0.256748583	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.603719133
CO_STREX	1.0204	2.131122066	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	1.98262645
CO2_NBIO_IDLEX	1.0893	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
CO2_NBIO_RUNEX	1.0893	343.3314679	304.3720769	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	331.5663461
CO2_NBIO_STREX	1.0893	68.0289543	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	63.28872769
NOX_IDLEX	1.0068	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
NOX_RUNEX	1.0068	0.034388028	0.016123224	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.032751266
NOX_STREX	1.0068	0.1550238	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.144221812
PM10_IDLEX	1.0182	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.008000002
PM10_RUNEX	1.0182	0.001121471	0.001766592	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001107691
PM10_STREX	1.0182	0.001211143	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001126751
PM25_IDLEX	1.0182	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.015750005
PM25_PMTW		0.002000001	0.002000001	0.002000001	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.002000001
PM25_RUNEX	1.0182	0.001031151	0.00169017	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001020582
PM25_STREX	1.0182	0.001113601	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001036006
ROG_DIURN		0.287130992	0	0.022407439	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.057602987
ROG_HTSK		0.087746062	0	0.004888026	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.081819539
ROG_IDLEX		0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
ROG_RESTL		0.317837507	0	0.007500233	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.06362725
ROG_RUNEX		0.007899336	0.009193438	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.007698553
ROG_RUNLS		0.286582727	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.266613773
ROG_STREX		0.156980476	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.146042148
SO2_IDLEX		0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
SO2_RUNEX		0.003119015	0.002877411	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.003015719
SO2_STREX		0.000618013	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.00057495
TOG_DIURN	1.0083	0.289514179	0	0.022407439	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.05807963
TOG_HTSK	1.0083	0.088474355	0	0.004888026	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.082497084
TOG_IDLEX	1.0052	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
TOG_RESTL	1.0083	0.320475558	0	0.007500233	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.064154867
TOG_RUNEX	1.0052	0.011586632	0.010466118	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.011195787
TOG_RUNLS	1.0083	0.288961364	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.268826667
TOG_STREX	1.0052	0.172767606	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.160729237
CH4_IDLEX		0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
CH4_RUNEX		0.002292107	0.000427018	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.002162341
CH4_STREX		0.033073758	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.030769194
CO_IDLEX	1.0204	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
CO_RUNEX	1.0204	0.695501195	0.256748583	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.660184441
CO_STREX	1.0204	1.821752153	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	1.694813292
CO2_NBIO_IDLEX	1.0893	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
CO2_NBIO_RUNEX	1.0893	353.0816058	304.3720769	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	340.7065144
CO2_NBIO_STREX	1.0893	67.44472538	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	62.74520758
NOX_IDLEX	1.0068	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
NOX_RUNEX	1.0068	0.03017628	0.015235882	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.028774686
NOX_STREX	1.0068	0.143533697	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.133532334
PM10_IDLEX	1.0182	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.008000002
PM10_RUNEX	1.0182	0.001121471	0.001766592	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001107691
PM10_STREX	1.0182	0.001211143	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001126751
PM25_IDLEX	1.0182	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.015750005
PM25_PMTW		0.002000001												

CH4_IDLEX		0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
CH4_RUNEX		0.002100101	0.000427018	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001982346
CH4_STREX		0.037469392	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.034858541
CO_IDLEX	1.0204	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
CO_RUNEX	1.0204	0.613199406	0.256748583	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.583031461
CO_STREX	1.0204	2.202712099	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	2.049228121
CO2_NBIO_IDLEX	1.0893	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
CO2_NBIO_RUNEX	1.0893	339.7263904	304.3720769	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	328.1868026
CO2_NBIO_STREX	1.0893	68.16376705	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	63.41414675
NOX_IDLEX	1.0068	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
NOX_RUNEX	1.0068	0.033354952	0.015817018	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.031773047
NOX_STREX	1.0068	0.157577518	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.146597588
PM10_IDLEX	1.0182	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
PM10_PMBW		0.036750011	0.036750011	0.036750011	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.036750011
PM10_PMTW		0.008000002	0.008000002	0.008000002	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.008000002
PM10_RUNEX	1.0182	0.001121471	0.001766592	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001107691
PM10_STREX	1.0182	0.001211143	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001126751
PM25_IDLEX	1.0182	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
PM25_PMBW		0.015750005	0.015750005	0.015750005	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.015750005
PM25_PMTW		0.002000001	0.002000001	0.002000001	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.002000001
PM25_RUNEX	1.0182	0.001031151	0.00169017	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001020582
PM25_STREX	1.0182	0.001113601	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.001036006
ROG_DIURN		0.268771559	0	0.016129757	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.053881732
ROG_HTSK		0.093850951	0	0.004888026	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.087499042
ROG_IDLEX		0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
ROG_RESTL		0.303238215	0	0.004571725	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.060684346
ROG_RUNEX		0.007742912	0.009193438	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.007551914
ROG_RUNLS		0.336289405	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.312856913
ROG_STREX		0.16072058	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.149521643
SO2_IDLEX		0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
SO2_RUNEX		0.003086265	0.002877411	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.002985017
SO2_STREX		0.000619238	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.00057609
TOG_DIURN	1.0083	0.271002363	0	0.016129757	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.054327898
TOG_HTSK	1.0083	0.094629914	0	0.004888026	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.088223727
TOG_IDLEX	1.0052	0	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0
TOG_RESTL	1.0083	0.305755092	0	0.004571725	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.061187728
TOG_RUNEX	1.0052	0.011357191	0.010466118	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.0109807
TOG_RUNLS	1.0083	0.339080608	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.315453625
TOG_STREX	1.0052	0.17688384	0	0	1048936.262	34503.25737	41204.537	32921897.1	1120786.035	1076258.724	4879171.153	164175.405	201266.8745	0.164558656

LDH1 CalEEMod Emission Rate Worksheet

Pollutant	Emission Rates		Vehicle Class: LHDT1			VMT			Trips			CalEEMod Emission	
	Gas	DSL	ELEC	Population		LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	LHDT1 Gas	LHDT1 DSL	LHDT1 Elec	Rate	
				LHDT1 Gas	LHDT1 DSL								
CH4_IDLEX	0.097776297	0.005098128	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.003738364
CH4_RUNEX	0.001765718	0.002117191	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.001945562
CH4_STREX	0.012738567	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.006895381
CO_IDLEX	3.773958751	0.909745076	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.17029227
CO_RUNEX	0.187928522	0.212035631	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.200263754
CO_STREX	1.429633894	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.773860187
CO2_NBIO_IDLEX	106.4195665	112.7889276	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	7.979482158
CO2_NBIO_RUNEX	701.9801397	400.7427268	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	547.8416573
CO2_NBIO_STREX	16.67537294	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	9.026371911
NOX_IDLEX	0.028086165	1.108075862	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.04142789
NOX_RUNEX	0.057086705	0.23550282	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.148379446
NOX_STREX	0.338617955	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.183293747
PM10_IDLEX	0	0.027504236	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.001002978
PM10_PMBW	0.076440022	0.076440022	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.076440022
PM10_PMTW	0.008000002	0.012000003	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.01004674
PM10_RUNEX	0.001271344	0.0070838	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.004245487
PM10_STREX	0.0003413	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.000184746
PM25_IDLEX	0	0.026314415	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.00095959
PM25_PMBW	0.032760009	0.032760009	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.032760009
PM25_PMTW	0.002000001	0.003000001	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.002511685
PM25_RUNEX	0.001168954	0.006777358	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.004038687
PM25_STREX	0.000313813	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.000169867
ROG_DIURN	0.033348565	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.001211635
ROG_HTSK	0.074662542	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.040414801
ROG_IDLEX	0.322296506	0.109759705	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.015712358
ROG_RESTL	0.023639166	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.000858869
ROG_RUNEX	0.006416102	0.045581882	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.02645662
ROG_RUNLS	0.506990981	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.274433991
ROG_STREX	0.057804664	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.031289639
SO2_IDLEX	0.001053108	0.001066261	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	7.71446E-05
SO2_RUNEX	0.006946663	0.00378846	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.00533066
SO2_STREX	0.000165016	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	8.93233E-05
TOG_DIURN	0.033348565	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.001211635
TOG_HTSK	0.074662542	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.040414801
TOG_IDLEX	0.470294305	0.124954127	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.021643567
TOG_RESTL	0.023639166	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.000858869
TOG_RUNEX	0.009362361	0.051891942	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.031124084
TOG_RUNLS	0.506990981	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.274433991
TOG_STREX	0.063288831	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.034258216
CH4_IDLEX	0.097990915	0.005098128	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.003746161
CH4_RUNEX	0.001804457	0.002117191	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.001964478
CH4_STREX	0.01231005	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.006663425
CO_IDLEX	3.773958751	0.909745076	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.17029227
CO_RUNEX	0.191627156	0.212035631	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.202069854
CO_STREX	1.369154247	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.741122581
CO2_NBIO_IDLEX	106.4195665	112.7889276	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	7.979482158
CO2_NBIO_RUNEX	701.9865641	400.7427268	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	547.8447944
CO2_NBIO_STREX	16.57250921	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	8.970691822
NOX_IDLEX	0.028086165	1.108075862	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.04142789
NOX_RUNEX	0.052205839	0.225098278	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.140672201
NOX_STREX	0.324432654	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.17561525
PM10_IDLEX	0	0.027504236	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.001002978
PM10_PMBW	0.076440022	0.076440022	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.076440022
PM10_PMTW	0.008000002	0.012000003	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.01004674
PM10_RUNEX	0.001271344	0.0070838	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.004245487
PM10_STREX	0.0003413	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.000184746
PM25_IDLEX	0	0.026314415	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.00095959
PM25_PMBW	0.032760009	0.032760009	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.032760009
PM25_PMTW	0.002000001	0.003000001	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.002511685
PM25_RUNEX	0.001168954	0.006777358	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.004038687
PM25_STREX	0.000313813	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.000169867
ROG_DIURN	0.04910116	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.001783966
ROG_HTSK	0.076467399	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.041391769
ROG_IDLEX	0.322296506	0.109759705	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.015712358
ROG_RESTL	0.032172971	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.001168923
ROG_RUNEX	0.006546376	0.045581882	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.026520235
ROG_RUNLS	0.489626824	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.265034781
ROG_STREX	0.055719537	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0</				

CH4_IDLEX	0.097731639	0.005098128	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.003736741
CH4_RUNEX	0.001755277	0.002117191	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.001940463
CH4_STREX	0.012832741	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.006946357
CO_IDLEX	3.773958751	0.909745076	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.17029227
CO_RUNEX	0.18692066	0.212035631	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.199771599
CO_STREX	1.44097951	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.780001564
CO2_NBIO_IDLEX	106.4195665	112.7889276	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	7.979482158
CO2_NBIO_RUNEX	701.9783869	400.7427268	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	547.8408014
CO2_NBIO_STREX	16.69488843	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	9.036935637
NOX_IDLEX	0.028086165	1.108075862	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.04142789
NOX_RUNEX	0.056369361	0.231930697	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.146201356
NOX_STREX	0.341851706	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.185044176
PM10_IDLEX	0	0.027504236	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.001002978
PM10_PMBW	0.076440022	0.076440022	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.076440022
PM10_PMTW	0.008000002	0.012000003	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.01004674
PM10_RUNEX	0.001271344	0.0070838	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.004245487
PM10_STREX	0.0003413	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.000184746
PM25_IDLEX	0	0.026314415	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.00095959
PM25_PMBW	0.032760009	0.032760009	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.032760009
PM25_PMTW	0.002000001	0.003000001	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.002511685
PM25_RUNEX	0.001168954	0.006777358	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.004038687
PM25_STREX	0.000313813	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.000169867
ROG_DIURN	0.032896479	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.00119521
ROG_HTSK	0.082232723	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.044512536
ROG_IDLEX	0.322296506	0.109759705	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.015712358
ROG_RESTL	0.022731459	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.00082589
ROG_RUNEX	0.006380095	0.045581882	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.026439038
ROG_RUNLS	0.551466077	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.298508341
ROG_STREX	0.058261031	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.03153667
SO2_IDLEX	0.001053108	0.001066261	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	7.71446E-05
SO2_RUNEX	0.006946645	0.00378846	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.005330651
SO2_STREX	0.000165209	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	8.94278E-05
TOG_DIURN	0.032896479	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.00119521
TOG_HTSK	0.082232723	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.044512536
TOG_IDLEX	0.470294305	0.124954127	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.021643567
TOG_RESTL	0.022731459	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.00082589
TOG_RUNEX	0.00930982	0.051891942	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.031098427
TOG_RUNLS	0.551466077	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.298508341
TOG_STREX	0.063788496	0	0	109522.6687	109926.1811	0	3685925.934	3862319.242	0	1631724.575	1382733.071	0	0.034528684

LDH2 CalEEMod Emission Rate Worksheet

Pollutant	Emission Rates		Vehicle Class: LHD2			Population			VMT			Trips			CalEEMod Emission
	Gas	DSL	ELEC	LHD2 Gas	LHD2 DSL	LHD2 Elec	LHD2 Gas	LHD2 DSL	LHD2 Elec	LHD2 Gas	LHD2 DSL	LHD2 Elec	Rate		
CH4_IDLEX	0.098452551	0.005098128	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.002525135		
CH4_RUNEX	0.001543283	0.002171205	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.001985214		
CH4_STREX	0.012829699	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.004384531		
CO_IDLEX	3.778535909	0.909745076	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.134281101		
CO_RUNEX	0.157586447	0.219221211	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.200964956		
CO_STREX	1.39137553	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.475500597		
CO2_NBIO_IDLEX	123.0800275	182.5070346	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	12.37394193		
CO2_NBIO_RUNEX	808.1146403	443.8267895	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	551.7290709		
CO2_NBIO_STREX	19.03130835	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	6.503922399		
NOX_IDLEX	0.028381754	1.133307618	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.059957549		
NOX_RUNEX	0.060196223	0.273552033	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.210355913		
NOX_STREX	0.350722596	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.119858945		
PM10_IDLEX	0	0.027803416	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.001454966		
PM10_PMBW	0.089180026	0.089180026	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.089180026		
PM10_PMTW	0.008000002	0.012000003	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.010815201		
PM10_RUNEX	0.001215088	0.012713704	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.009307807		
PM10_STREX	0.000312466	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000106785		
PM25_IDLEX	0	0.026600652	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.001392025		
PM25_PMBW	0.038220011	0.038220011	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.038220011		
PM25_PMTW	0.002000001	0.003000001	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.0027038		
PM25_RUNEX	0.001117229	0.012163714	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.008891739		
PM25_STREX	0.000287301	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	9.81847E-05		
ROG_DIURN	0.030062364	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000689584		
ROG_HTSK	0.06648855	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.022722367		
ROG_IDLEX	0.325869348	0.109759705	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.013218711		
ROG_RESTL	0.022747607	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000521795		
ROG_RUNEX	0.005351527	0.046744761	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.03448406		
ROG_RUNLS	0.35263838	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.120513662		
ROG_STREX	0.058033802	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.019832969		
SO2_IDLEX	0.001217977	0.001725348	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000118227		
SO2_RUNEX	0.007996949	0.004195759	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.005321674		
SO2_STREX	0.00018833	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	6.43616E-05		
TOG_DIURN	0.030062364	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000689584		
TOG_HTSK	0.06648855	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.022722367		
TOG_IDLEX	0.475507787	0.124954127	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.017446314		
TOG_RESTL	0.022747607	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000521795		
TOG_RUNEX	0.007808936	0.053215802	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.039766261		
TOG_RUNLS	0.35263838	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.120513662		
TOG_STREX	0.063539708	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.021714604		
CH4_IDLEX	0.09867465	0.005098128	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.00253023		
CH4_RUNEX	0.00157766	0.002171205	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.001995397		
CH4_STREX	0.012399952	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.004237666		
CO_IDLEX	3.778535909	0.909745076	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.134281101		
CO_RUNEX	0.160687916	0.219221211	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.201883614		
CO_STREX	1.332781857	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.455476293		
CO2_NBIO_IDLEX	123.0800275	182.5070346	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	12.37394193		
CO2_NBIO_RUNEX	808.1200249	443.8267895	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	551.7306658		
CO2_NBIO_STREX	18.93141776	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	6.469784934		
NOX_IDLEX	0.028381754	1.133307618	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.059957549		
NOX_RUNEX	0.052991245	0.261168347	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.199506164		
NOX_STREX	0.336029601	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.114837635		
PM10_IDLEX	0	0.027803416	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.001454966		
PM10_PMBW	0.089180026	0.089180026	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.089180026		
PM10_PMTW	0.008000002	0.012000003	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.010815201		
PM10_RUNEX	0.001215088	0.012713704	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.009307807		
PM10_STREX	0.000312466	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000106785		
PM25_IDLEX	0	0.026600652	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.001392025		
PM25_PMBW	0.038220011	0.038220011	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.038220011		
PM25_PMTW	0.002000001	0.003000001	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.0027038		
PM25_RUNEX	0.001117229	0.012163714	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.008891739		
PM25_STREX	0.000287301	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	9.81847E-05		
ROG_DIURN	0.044291961	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.001015988		
ROG_HTSK	0.068090006	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.023269662		
ROG_IDLEX	0.325869348	0.109759705	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.013218711		
ROG_RESTL	0.030858829	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000707853		
ROG_RUNEX	0.005460185	0.046744761	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.034516245		
ROG_RUNLS	0.340041462	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.116208683		
ROG_STREX	0.055943826	0	0	19593.42825	44699.34558	0	634799.73								

CH4_IDLEX	0.098406131	0.005098128	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.002524071
CH4_RUNEX	0.001534028	0.002171205	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.001982473
CH4_STREX	0.012924231	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.004416837
CO_IDLEX	3.778535909	0.909745076	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.134281101
CO_RUNEX	0.156741309	0.219221211	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.200714626
CO_STREX	1.40239688	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.479267127
CO2_NBIO_IDLEX	123.0800275	182.5070346	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	12.37394193
CO2_NBIO_RUNEX	808.1131712	443.8267895	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	551.7286357
CO2_NBIO_STREX	19.05031619	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	6.510418302
NOX_IDLEX	0.028381754	1.133307618	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.059957549
NOX_RUNEX	0.058706768	0.269300613	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.206922589
NOX_STREX	0.354073861	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.121004235
PM10_IDLEX	0	0.027803416	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.001454966
PM10_PMBW	0.089180026	0.089180026	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.089180026
PM10_PMTW	0.008000002	0.012000003	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.010815201
PM10_RUNEX	0.001215088	0.012713704	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.009307807
PM10_STREX	0.000312466	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000106785
PM25_IDLEX	0	0.026600652	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.001392025
PM25_PMBW	0.038220011	0.038220011	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.038220011
PM25_PMTW	0.002000001	0.003000001	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.0027038
PM25_RUNEX	0.001117229	0.012163714	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.008891739
PM25_STREX	0.000287301	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	9.81847E-05
ROG_DIURN	0.028816392	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000661003
ROG_HTSK	0.070484447	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.024087959
ROG_IDLEX	0.325869348	0.109759705	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.013218711
ROG_RESTL	0.021726558	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000498373
ROG_RUNEX	0.005321495	0.046744761	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.034475164
ROG_RUNLS	0.385373288	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.13170077
ROG_STREX	0.058492057	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.019989577
SO2_IDLEX	0.001217977	0.001725348	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000118227
SO2_RUNEX	0.007996935	0.004195759	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.00532167
SO2_STREX	0.000188518	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	6.44259E-05
TOG_DIURN	0.028816392	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000661003
TOG_HTSK	0.070484447	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.024087959
TOG_IDLEX	0.475507787	0.124954127	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.017446314
TOG_RESTL	0.021726558	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.000498373
TOG_RUNEX	0.007765113	0.053215802	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.039753281
TOG_RUNLS	0.385373288	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.13170077
TOG_STREX	0.06404144	0	0	19593.42825	44699.34558	0	634799.7321	1508341.518	0	291912.8868	562261.5357	0	0.021886071

MHDT CalEEMod Emission Rate Worksheet

Pollutant	Emission Rates		Vehicle Class: MHDT			VMT			Trips			CalEEMod Emission Rate	
	Gas	DSL	ELEC	Population		MHDT Elec	MHDT Gas	MHDT DSL	MHDT Elec	MHDT Gas	MHDT DSL		MHDT Elec
				MHDT Gas	MHDT DSL								
CH4_IDLEX	0.276514261	0.002908992	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.003966703
CH4_RUNEX	0.003412931	0.000353984	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000799197
CH4_STREX	0.031898028	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.00867612
CO_IDLEX	14.49417879	2.588849183	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.381858308
CO_RUNEX	0.293080612	0.078167224	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.109446677
CO_STREX	3.105392087	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.844652657
CO2_NBIO_IDLEX	474.0860761	684.4212065	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	55.30614248
CO2_NBIO_RUNEX	1422.438059	786.5840336	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	879.1290664
CO2_NBIO_STREX	32.17890642	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	8.75251757
NOX_IDLEX	0.090099763	3.892436335	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.279108303
NOX_RUNEX	0.114444368	1.238417149	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	1.074829134
NOX_STREX	0.323721689	2.164905748	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	1.664111979
PM10_IDLEX	0	0.001376887	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	9.82968E-05
PM10_PMBW	0.130340037	0.130340037	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.012000003
PM10_RUNEX	0.001215175	0.007149024	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.006285385
PM10_STREX	0.000408261	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000111045
PM25_IDLEX	0	0.001317323	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	9.40445E-05
PM25_PMBW	0.055860016	0.055860016	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.003000001
PM25_RUNEX	0.001117308	0.00683976	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.006006889
PM25_STREX	0.000375381	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000102102
ROG_DIURN	0.026064085	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000354324
ROG_HTSK	0.057213203	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.015561733
ROG_IDLEX	1.015042643	0.06262979	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.018270011
ROG_RESTL	0.020154239	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000273984
ROG_RUNEX	0.013560881	0.007621173	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.008485664
ROG_RUNLS	0.279455274	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.076010575
ROG_STREX	0.154796083	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.042103837
SO2_IDLEX	0.004691466	0.006466072	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000525394
SO2_RUNEX	0.014076178	0.007431256	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.008398387
SO2_STREX	0.000318436	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	8.66133E-05
TOG_DIURN	0.026064085	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000354324
TOG_HTSK	0.057213203	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.015561733
TOG_IDLEX	1.481147842	0.071299248	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.025225321
TOG_RESTL	0.020154239	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000273984
TOG_RUNEX	0.019788006	0.008676125	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.010293398
TOG_RUNLS	0.279455274	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.076010575
TOG_STREX	0.169482226	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.046098402
CH4_IDLEX	0.261225434	0.003084774	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.003771411
CH4_RUNEX	0.003502835	0.000353984	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000812282
CH4_STREX	0.030794511	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.008375968
CO_IDLEX	10.53964071	2.549219087	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.325269767
CO_RUNEX	0.299294808	0.078167224	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.110351119
CO_STREX	2.949587125	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.802274409
CO2_NBIO_IDLEX	493.0135199	675.9367733	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	54.95773955
CO2_NBIO_RUNEX	1422.449195	786.5840336	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	879.1306872
CO2_NBIO_STREX	31.91153826	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	8.679794635
NOX_IDLEX	0.093282058	3.725160126	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.267209611
NOX_RUNEX	0.100188245	1.16967825	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	1.014019901
NOX_STREX	0.309604283	2.164905748	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	1.660272108
PM10_IDLEX	0	0.001201017	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	8.57414E-05
PM10_PMBW	0.130340037	0.130340037	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.012000003
PM10_RUNEX	0.001215175	0.007149024	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.006285385
PM10_STREX	0.000408261	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000111045
PM25_IDLEX	0	0.001149062	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	8.20322E-05
PM25_PMBW	0.055860016	0.055860016	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.003000001
PM25_RUNEX	0.001117308	0.00683976	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.006006889
PM25_STREX	0.000375381	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000102102
ROG_DIURN	0.0385096	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000523512
ROG_HTSK	0.058517142	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.015916399
ROG_IDLEX	0.954143832	0.066414336	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.017712314
ROG_RESTL	0.027402616	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.00037252
ROG_RUNEX	0.013859106	0.007621173	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.008529069
ROG_RUNLS	0.268424937	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.073010373
ROG_STREX	0.148716827	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.040450307
SO2_IDLEX	0.004878768	0.006385915	0	16547.8482									

CH4_IDLEX	0.298663082	0.002666244	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.004250471
CH4_RUNEX	0.003380904	0.000353984	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000794535
CH4_STREX	0.032075364	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.008724354
CO_IDLEX	20.03053212	2.643576459	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.461028375
CO_RUNEX	0.291294995	0.078167224	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.109186791
CO_STREX	3.136317627	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.853064264
CO2_NBIO_IDLEX	447.5876548	696.1378047	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	55.78236926
CO2_NBIO_RUNEX	1422.434855	786.5840336	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	879.1286001
CO2_NBIO_STREX	32.23262507	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	8.767128801
NOX_IDLEX	0.085644549	4.123436815	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.295539006
NOX_RUNEX	0.111718004	1.215159783	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	1.054559942
NOX_STREX	0.32707923	2.164905748	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	1.665025215
PM10_IDLEX	0	0.001619755	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000115635
PM10_PMBW	0.130340037	0.130340037	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.012000003
PM10_RUNEX	0.001215175	0.007149024	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.006285385
PM10_STREX	0.000408261	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000111045
PM25_IDLEX	0	0.001549685	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000110633
PM25_PMBW	0.055860016	0.055860016	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.003000001
PM25_RUNEX	0.001117308	0.00683976	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.006006889
PM25_STREX	0.000375381	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000102102
ROG_DIURN	0.024813657	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000337325
ROG_HTSK	0.059792106	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.016263183
ROG_IDLEX	1.100300978	0.057403511	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.019055935
ROG_RESTL	0.019247008	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.00026165
ROG_RUNEX	0.013474223	0.007621173	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.008473052
ROG_RUNLS	0.307543376	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.083650413
ROG_STREX	0.156196122	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.042484641
SO2_IDLEX	0.004429243	0.006576765	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000529732
SO2_RUNEX	0.014076146	0.007431256	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.008398383
SO2_STREX	0.000318968	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	8.67578E-05
TOG_DIURN	0.024813657	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.000337325
TOG_HTSK	0.059792106	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.016263183
TOG_IDLEX	1.605556604	0.065349528	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.026491821
TOG_RESTL	0.019247008	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.00026165
TOG_RUNEX	0.019661554	0.008676125	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.010274993
TOG_RUNLS	0.307543376	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.083650413
TOG_STREX	0.171015093	0	0	16547.8482	86900.97949	0	847102.4609	4973128.98	0	331089.3474	886171.0626	0	0.046515335

HHH CalEEMod Emission Rate Worksheet

Pollutant	Vehicle Class: HHDT													CalEEMod Emission Rate
	Emission Rates			Population			VMT			Trips				
	Gas	DSL	NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG	HHDT Gas	HHDT DSL	HHDT NG		
CH4_IDLEX	0	0.221300475	1.186004436	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.02840889	
CH4_RUNEX	0.074541048	0.000892327	4.222153107	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.088069003	
CH4_STREX	0.000254801	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	4.55795E-07	
CO_IDLEX	0	70.18880302	21.69636581	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	6.759172455	
CO_RUNEX	30.27705596	0.222498755	14.40016777	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.542662088	
CO_STREX	4.723933017	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.008450296	
CO2_NBIO_IDLEX	0	9880.956704	3363.598215	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	953.4988402	
CO2_NBIO_RUNEX	1676.028949	1118.588405	2861.365355	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	1155.063823	
CO2_NBIO_STREX	38.44857278	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.06877822	
NOX_IDLEX	0	57.41176564	18.98221355	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	5.536591358	
NOX_RUNEX	2.979119793	2.510828746	0.997518027	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.480030366	
NOX_STREX	0.054952114	2.403862808	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.340121462	
PM10_IDLEX	0	0.022661444	0.014756514	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.002231523	
PM10_PMBW	0.061740018	0.061104062	0.061740018	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.061117769	
PM10_PMTW	0.020000006	0.03562919	0.03600001	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.035622492	
PM10_RUNEX	0.001232645	0.017675366	0.003814433	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.017374237	
PM10_STREX	0.000416183	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	7.4448E-07	
PM25_IDLEX	0	0.02168112	0.014118154	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.002134988	
PM25_PMBW	0.026460008	0.026187455	0.026460008	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.02619333	
PM25_PMTW	0.005000001	0.008907298	0.009000003	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.008905623	
PM25_RUNEX	0.001133371	0.016910738	0.003649422	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.016622593	
PM25_STREX	0.000382665	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	6.84522E-07	
ROG_DIURN	0.023739743	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.12246E-06	
ROG_HTSK	0.04699632	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	8.40683E-05	
ROG_IDLEX	0	4.764538538	0.027361346	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.449644761	
ROG_RESTL	0.018563011	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	1.65964E-06	
ROG_RUNEX	0.33255384	0.019211558	0.120040078	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.021579943	
ROG_RUNLS	0.228505567	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.000408757	
ROG_STREX	0.00133706	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.39177E-06	
SO2_IDLEX	0	0.09335038	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.00880637	
SO2_RUNEX	0.016585665	0.010567869	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.010355318	
SO2_STREX	0.00038048	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	6.80612E-07	
TOG_DIURN	0.023739743	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.12246E-06	
TOG_HTSK	0.04699632	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	8.40683E-05	
TOG_IDLEX	0	5.424064443	1.222271944	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.519450967	
TOG_RESTL	0.018563011	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	1.65964E-06	
TOG_RUNEX	0.485261783	0.021870896	4.377053724	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.112169018	
TOG_RUNLS	0.228505567	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.000408757	
TOG_STREX	0.001463912	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.61869E-06	
CH4_IDLEX	0	0.234414843	1.247313499	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.030035421	
CH4_RUNEX	0.075956262	0.000892327	4.222153107	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.088070302	
CH4_STREX	0.000244098	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	4.36649E-07	
CO_IDLEX	0	69.25750949	21.27790034	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	6.66865966	
CO_RUNEX	30.91902119	0.222498755	14.40016777	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.543251537	
CO_STREX	4.486921976	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.008026324	
CO2_NBIO_IDLEX	0	9757.565542	3335.213567	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	941.6782549	
CO2_NBIO_RUNEX	1677.078051	1118.588405	2861.365355	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	1155.064787	
CO2_NBIO_STREX	38.07271568	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.068105479	
NOX_IDLEX	0	54.66947263	18.21263075	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	5.273004901	
NOX_RUNEX	2.608016361	2.376071824	0.940555018	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.34666177	
NOX_STREX	0.052555669	2.403862808	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.340117175	
PM10_IDLEX	0	0.020024734	0.012728235	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.001969903	
PM10_PMBW	0.061740018	0.061104062	0.061740018	59.29721551	625									

CH4_IDLEX	0	0.203190158	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.019168295
CH4_RUNEX	0.074129038	0.000892327	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.000941159
CH4_STREX	0.000257322	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	4.60305E-07
CO_IDLEX	0	71.47487502	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	6.742706101
CO_RUNEX	30.09259051	0.222498755	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.245333872
CO_STREX	4.770977055	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.00853445
CO2_NBIO_IDLEX	0	10051.35402	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	948.2118866
CO2_NBIO_RUNEX	1675.727393	1118.588405	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	1096.017011
CO2_NBIO_STREX	38.52318181	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.068911284
NOX_IDLEX	0	61.19874169	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	5.773289268
NOX_RUNEX	2.908149369	2.467540483	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.4170254
NOX_STREX	0.05552206	2.403862808	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.340122481
PM10_IDLEX	0	0.026302615	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.002481303
PM10_PMBW	0.061740018	0.061104062	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.059843715
PM10_PMTW	0.020000006	0.03562919	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.034879603
PM10_RUNEX	0.001232645	0.017675366	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.017295523
PM10_STREX	0.000416183	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	7.4448E-07
PM25_IDLEX	0	0.025164776	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.002373963
PM25_PMBW	0.026460008	0.026187455	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.025647306
PM25_PMTW	0.005000001	0.008907298	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.008719901
PM25_RUNEX	0.001133371	0.016910738	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.016547285
PM25_STREX	0.000382665	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	6.84522E-07
ROG_DIURN	0.022634958	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.02369E-06
ROG_HTSK	0.049399497	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	8.83671E-05
ROG_IDLEX	0	4.374628372	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.412688143
ROG_RESTL	0.017784111	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	1.59E-06
ROG_RUNEX	0.330428716	0.019211558	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.01910087
ROG_RUNLS	0.251006866	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.000449008
ROG_STREX	0.001349153	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.4134E-06
SO2_IDLEX	0	0.094960209	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.008958236
SO2_RUNEX	0.016582681	0.010567869	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.010355315
SO2_STREX	0.000381218	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	6.81933E-07
TOG_DIURN	0.022634958	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.02369E-06
TOG_HTSK	0.049399497	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	8.83671E-05
TOG_IDLEX	0	4.980181399	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.469814036
TOG_RESTL	0.017784111	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	1.59E-06
TOG_RUNEX	0.482160807	0.021870896	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.021842209
TOG_RUNLS	0.251006866	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	0.000449008
TOG_STREX	0.001477153	0	0	59.29721551	62567.76039	4212.123255	7638.640617	8139884.447	171673.189	1186.418688	645624.8857	16427.28069	2.64237E-06

OBUS CalEEMod Emission Rate Worksheet

Pollutant	Emission Rates		Population			VMT			Trips			CalEEMod Emission	
	Gas	DSL	NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	OBUS Gas	OBUS DSL	OBUS NG	Rate
CH4_IDLEX	0.197800319	0.041260459	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.007966233
CH4_RUNEX	0.004786931	0.000516253	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.001921444
CH4_STREX	0.025732803	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.016974181
CO_IDLEX	5.781428766	14.19658459	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.687813302
CO_RUNEX	0.468215915	0.120452358	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.23487783
CO_STREX	2.705824061	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	1.78484823
CO2_NBIO_IDLEX	336.2730767	2422.322935	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	95.92371011
CO2_NBIO_RUNEX	1436.504597	981.4556662	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	1131.181501
CO2_NBIO_STREX	23.06985152	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	15.21761309
NOX_IDLEX	0.065135128	12.28660378	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.432462667
NOX_RUNEX	0.180913015	1.64385282	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	1.162498247
NOX_STREX	0.303104522	2.220632063	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.95576947
PM10_IDLEX	0	0.004176448	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000146272
PM10_PMBW	0.130340037	0.130340037	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.012000003
PM10_RUNEX	0.001203673	0.011007941	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.00778202
PM10_STREX	0.000295623	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000195002
PM25_IDLEX	0	0.003995777	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000139945
PM25_PMBW	0.055860016	0.055860016	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.003000001
PM25_RUNEX	0.001106733	0.010531743	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.007430609
PM25_STREX	0.000271814	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000179297
ROG_DIURN	0.047831664	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.001576934
ROG_HTSK	0.03130982	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.02065296
ROG_IDLEX	0.747412206	0.888326374	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.055752961
ROG_RESTL	0.026816984	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000884113
ROG_RUNEX	0.020884766	0.011114775	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.014329418
ROG_RUNLS	0.393442315	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.259527154
ROG_STREX	0.132258857	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.087242179
SO2_IDLEX	0.003327695	0.022884906	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.00091121
SO2_RUNEX	0.014215377	0.009272306	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.010898737
SO2_STREX	0.000228295	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000150591
TOG_DIURN	0.047831664	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.001576934
TOG_HTSK	0.03130982	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.02065296
TOG_IDLEX	1.090622137	1.011291956	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.071374688
TOG_RESTL	0.026816984	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000884113
TOG_RUNEX	0.030475001	0.012653325	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.018517234
TOG_RUNLS	0.393442315	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.259527154
TOG_STREX	0.144806801	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.095519205
CH4_IDLEX	0.198357144	0.043734772	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.008071249
CH4_RUNEX	0.004902812	0.000516253	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.001959573
CH4_STREX	0.024768904	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.016338363
CO_IDLEX	5.781428766	14.01187367	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.681344148
CO_RUNEX	0.47814351	0.120452358	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.23814433
CO_STREX	2.559289074	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	1.688189058
CO2_NBIO_IDLEX	336.2730767	2389.710446	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	94.78151882
CO2_NBIO_RUNEX	1436.522314	981.4556662	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	1131.18733
CO2_NBIO_STREX	22.81979996	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	15.05267107
NOX_IDLEX	0.065135128	11.67141019	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.410916665
NOX_RUNEX	0.158377016	1.553920021	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	1.094741178
NOX_STREX	0.289860569	2.220632063	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.947033335
PM10_IDLEX	0	0.003711056	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000129973
PM10_PMBW	0.130340037	0.130340037	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.012000003
PM10_RUNEX	0.001203673	0.011007941	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.00778202
PM10_STREX	0.000295623	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000195002
PM25_IDLEX	0	0.003550517	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.00012435
PM25_PMBW	0.055860016	0.055860016	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.003000001
PM25_RUNEX	0.001106733	0.010531743	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.007430609
PM25_STREX	0.000271814	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000179297
ROG_DIURN	0.068837841	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.002269474
ROG_HTSK	0.031849596	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.021009014
ROG_IDLEX	0.747412206	0.941597651	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.057618688
ROG_RESTL	0.036570788	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.001205681
ROG_RUNEX	0.021344054	0.011114775	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.014480539
ROG_RUNLS	0.382914328	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.252582557
ROG_STREX	0.126961052	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.083747577
SO2_IDLEX	0.003327695	0.022576799	0	4003.039919	4252.523876	0	141786.407	289132.8994					

CH4_IDLEX	0.197672704	0.037843551	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.007842355
CH4_RUNEX	0.004754082	0.000516253	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.001910636
CH4_STREX	0.025964996	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.017127343
CO_IDLEX	5.781428766	14.45166159	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.696746896
CO_RUNEX	0.465363271	0.120452358	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.233939218
CO_STREX	2.736348271	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	1.804982977
CO2_NBIO_IDLEX	336.2730767	2467.35923	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	97.5010219
CO2_NBIO_RUNEX	1436.4995	981.4556662	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	1131.179824
CO2_NBIO_STREX	23.12251628	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	15.25235245
NOX_IDLEX	0.065135128	13.13615682	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.46221667
NOX_RUNEX	0.176603194	1.614087309	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	1.141108483
NOX_STREX	0.306288667	2.220632063	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.957869834
PM10_IDLEX	0	0.004819133	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000168781
PM10_PMBW	0.130340037	0.130340037	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.130340037
PM10_PMTW	0.012000003	0.012000003	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.012000003
PM10_RUNEX	0.001203673	0.011007941	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.00778202
PM10_STREX	0.000295623	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000195002
PM25_IDLEX	0	0.00461066	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.00016148
PM25_PMBW	0.055860016	0.055860016	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.055860016
PM25_PMTW	0.003000001	0.003000001	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.003000001
PM25_RUNEX	0.001106733	0.010531743	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.007430609
PM25_STREX	0.000271814	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000179297
ROG_DIURN	0.047295142	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.001559246
ROG_HTSK	0.032598528	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.021503033
ROG_IDLEX	0.747412206	0.814761276	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.053176482
ROG_RESTL	0.025695125	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000847128
ROG_RUNEX	0.020751306	0.011114775	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.014285506
ROG_RUNLS	0.421681249	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.27815446
ROG_STREX	0.133534434	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.088083591
SO2_IDLEX	0.003327695	0.023310387	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000926111
SO2_RUNEX	0.014215327	0.009272306	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.01089872
SO2_STREX	0.000228816	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000150934
TOG_DIURN	0.047295142	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.001559246
TOG_HTSK	0.032598528	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.021503033
TOG_IDLEX	1.090622137	0.927543692	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.068441562
TOG_RESTL	0.025695125	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.000847128
TOG_RUNEX	0.030280256	0.012653325	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.018453156
TOG_RUNLS	0.421681249	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.27815446
TOG_STREX	0.146203397	0	0	4003.039919	4252.523876	0	141786.407	289132.8994	0	80092.8227	41327.6338	0	0.096440444

UBUS CalEEMod Emission Rate Worksheet

Pollutant	Vehicle Class: UBUS																CalEEMod Emission Rate
	Emission Rates				Population				VMT				Trips				
	Gas	DSL	ELEC	NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	UBUS Gas	UBUS DSL	UBUS ELEC	UBUS NG	
CH4_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
CH4_RUNEX	0.00584	0	6.31438489	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000407869
CH4_STREX	0.115628	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.01156548
CO_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
CO_RUNEX	0.392552	0	49.02101286	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.027415476
CO_STREX	7.146651	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.714829655
CO2_NBIO_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
CO2_NBIO_RUNEX	1715.223	0	1993.873167	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	119.7895901
CO2_NBIO_STREX	74.42913	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	7.444627654
NOX_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
NOX_RUNEX	0.318958	0	0.482814652	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.022275727
NOX_STREX	0.861019	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.086121781
PM10_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
PM10_PMBW	0.123562	0	0.068860033	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.008629437
PM10_PMTW	0.011341	0	0.033417359	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000792064
PM10_RUNEX	0.002203	0	0.003334645	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000153848
PM10_STREX	0.000877	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	8.76743E-05
PM25_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
PM25_PMBW	0.052955	0	0.029511443	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.00369833
PM25_PMTW	0.002835	0	0.00835434	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000198016
PM25_RUNEX	0.002025	0	0.00319039	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000141457
PM25_STREX	0.000806	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	8.06132E-05
ROG_DIURN	0.023294	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000629712
ROG_HTSK	0.079637	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.007965488
ROG_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
ROG_RESTL	0.018615	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000465486
ROG_RUNEX	0.019616	0	0.090513404	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.001369961
ROG_RUNLS	0.496207	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.049632149
ROG_STREX	0.499596	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.049971135
SO2_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
SO2_RUNEX	0.016974	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.001185415
SO2_STREX	0.000737	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	7.36706E-05
TOG_DIURN	0.023294	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000629712
TOG_HTSK	0.079637	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.007965488
TOG_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
TOG_RESTL	0.018615	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000465486
TOG_RUNEX	0.028624	0	6.444613139	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.001999044
TOG_RUNLS	0.496207	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.049632149
TOG_STREX	0.546995	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.054712103
CH4_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
CH4_RUNEX	0.005983	0	6.31438489	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000417819
CH4_STREX	0.107497	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.010752143
CO_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
CO_RUNEX	0.4003	0	49.02101286	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.027956547
CO_STREX	6.29087	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.629231886
CO2_NBIO_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
CO2_NBIO_RUNEX	1715.237	0	1993.873167	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	119.7905678
CO2_NBIO_STREX	72.94837	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	7.296517027
NOX_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
NOX_RUNEX	0.28085	0	0.482814652	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.019614297
NOX_STREX	0.823428	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.082361815
PM10_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
PM10_PMBW	0.123562	0	0.068860033	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.008629437
PM10_PMTW	0.011341	0	0.033417359	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000792064
PM10_RUNEX	0.002203	0	0.003334645	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000153848
PM10_STREX	0.000877	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	8.76743E-05
PM25_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
PM25_PMBW	0.052955	0	0.029511443	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.00369833
PM25_PMTW	0.002835	0	0.00835434	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000198016
PM25_RUNEX	0.002025	0	0.00319039	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000141457
PM25_STREX	0.000806	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	8.06132E-05
ROG_DIURN	0.033757	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000912572
ROG_HTSK	0.082084	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.008210327
ROG_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
ROG_RESTL	0.025655	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000641523
ROG_RUNEX	0.020014	0	0.090513404	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.001397787
ROG_RUNLS	0.450466	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0						

CH4_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
CH4_RUNEX	0.005806	0	6.31438489	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000405453
CH4_STREX	0.117465	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.011749161
CO_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
CO_RUNEX	0.390618	0	49.02101286	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.027280387
CO_STREX	7.317221	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.731890638
CO2_NBIO_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
CO2_NBIO_RUNEX	1715.22	0	1993.873167	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	119.7893461
CO2_NBIO_STREX	74.72763	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	7.47448375
NOX_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
NOX_RUNEX	0.310872	0	0.482814652	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.021710987
NOX_STREX	0.869693	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.086989371
PM10_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
PM10_PMBW	0.123562	0	0.068860033	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.008629437
PM10_PMTW	0.011341	0	0.033417359	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000792064
PM10_RUNEX	0.002203	0	0.003334645	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000153848
PM10_STREX	0.000877	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	8.76743E-05
PM25_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
PM25_PMBW	0.052955	0	0.029511443	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.00369833
PM25_PMTW	0.002835	0	0.00835434	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000198016
PM25_RUNEX	0.002025	0	0.00319039	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000141457
PM25_STREX	0.000806	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	8.06132E-05
ROG_DIURN	0.022785	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000615959
ROG_HTSK	0.084907	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.008492608
ROG_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
ROG_RESTL	0.017681	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000442129
ROG_RUNEX	0.019517	0	0.090513404	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.001363014
ROG_RUNLS	0.603265	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.060340428
ROG_STREX	0.507975	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.050809237
SO2_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
SO2_RUNEX	0.016973	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.001185413
SO2_STREX	0.000739	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	7.39661E-05
TOG_DIURN	0.022785	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000615959
TOG_HTSK	0.084907	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.008492608
TOG_IDLEX	0	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0
TOG_RESTL	0.017681	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.000442129
TOG_RUNEX	0.028478	0	6.444613139	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.001988907
TOG_RUNLS	0.603265	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.060340428
TOG_STREX	0.556169	0	0	0	491.3399	0	0	4420.928108	35130.42	0	0	467889.248	1965.36	0	0	17683.7124	0.055629719

MCY CalEEMod Emission Rate Worksheet

Pollutant	Vehicle Class: MCY												CalEEMod Emission Rate
	Emission Rates			Population			VMT			Trips			
	Gas	DSL	NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	MCY Gas	MCY DSL	MCY NG	
CH4_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
CH4_RUNEX	0.378039244	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.378039244
CH4_STREX	0.226079809	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.226079809
CO_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
CO_RUNEX	17.90350239	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	17.90350239
CO_STREX	8.722005431	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	8.722005431
CO2_NBIO_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
CO2_NBIO_RUNEX	224.9770144	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	224.9770144
CO2_NBIO_STREX	57.18089061	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	57.18089061
NOX_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
NOX_RUNEX	1.130759951	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.130759951
NOX_STREX	0.263048888	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.263048888
PM10_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
PM10_PMBW	0.011760003	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.011760003
PM10_PMTW	0.004000001	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.004000001
PM10_RUNEX	0.002736057	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002736057
PM10_STREX	0.002900215	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002900215
PM25_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
PM25_PMBW	0.005040001	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.005040001
PM25_PMTW	0.001	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.001
PM25_RUNEX	0.002550768	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002550768
PM25_STREX	0.002707322	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002707322
ROG_DIURN	2.157843112	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.078921556
ROG_HTSK	0.600401182	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.600401182
ROG_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
ROG_RESTL	1.276099337	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.638049668
ROG_RUNEX	2.571494393	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	2.571494393
ROG_RUNLS	1.301956657	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.301956657
ROG_STREX	1.743075563	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.743075563
SO2_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
SO2_RUNEX	0.00222633	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.00222633
SO2_STREX	0.000565851	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.000565851
TOG_DIURN	2.157843112	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.078921556
TOG_HTSK	0.600401182	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.600401182
TOG_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
TOG_RESTL	1.276099337	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.638049668
TOG_RUNEX	3.230044046	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	3.230044046
TOG_RUNLS	1.301956657	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.301956657
TOG_STREX	1.898836458	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.898836458
CH4_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
CH4_RUNEX	0.372754963	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.372754963
CH4_STREX	0.203520863	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.203520863
CO_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
CO_RUNEX	17.29162042	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	17.29162042
CO_STREX	7.887693792	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	7.887693792
CO2_NBIO_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
CO2_NBIO_RUNEX	223.8309879	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	223.8309879
CO2_NBIO_STREX	55.24926092	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	55.24926092
NOX_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
NOX_RUNEX	0.988748429	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.988748429
NOX_STREX	0.249736811	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.249736811
PM10_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
PM10_PMBW	0.011760003	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.011760003
PM10_PMTW	0.004000001	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.004000001
PM10_RUNEX	0.002736057	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002736057
PM10_STREX	0.002900215	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002900215
PM25_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
PM25_PMBW	0.005040001	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.005040001
PM25_PMTW	0.001	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.001
PM25_RUNEX	0.002550768	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002550768
PM25_STREX	0.002707322	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002707322
ROG_DIURN	3.416379712	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.708189856
ROG_HTSK	0.665703743	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.665703743
ROG_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
ROG_RESTL	2.029651824	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.014825912
ROG_RUNEX	2.523900655	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	2.523900655
ROG_RUNLS	1.201449914	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.201449914
ROG_STREX	1.560098687	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.560098687
SO2_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
SO2_RUNEX	0.002214989	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002214989
SO2_STREX	0.000546736	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.000546736
TOG_DIURN	3.416379712	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.708189856
TOG_HTSK	0.665703743	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.665703743
TOG_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
TOG_RESTL	2.029651824	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.014825912
TOG_RUNEX	3.170737689	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	3.170737689
TOG_RUNLS	1.201449914	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.201449914
TOG_STREX	1.699539624	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.699539624

CH4_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
CH4_RUNEX	0.37918318	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.37918318
CH4_STREX	0.230950714	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.230950714
CO_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
CO_RUNEX	18.02380603	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	18.02380603
CO_STREX	8.887041607	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	8.887041607
CO2_NBIO_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
CO2_NBIO_RUNEX	225.2058804	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	225.2058804
CO2_NBIO_STREX	57.57463826	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	57.57463826
NOX_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
NOX_RUNEX	1.103993671	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.103993671
NOX_STREX	0.266196274	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.266196274
PM10_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
PM10_PMBW	0.011760003	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.011760003
PM10_PMTW	0.004000001	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.004000001
PM10_RUNEX	0.002736057	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002736057
PM10_STREX	0.002900215	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002900215
PM25_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
PM25_PMBW	0.005040001	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.005040001
PM25_PMTW	0.001	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.001
PM25_RUNEX	0.002550768	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002550768
PM25_STREX	0.002707322	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002707322
ROG_DIURN	2.33156256	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.16578128
ROG_HTSK	0.750935951	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.750935951
ROG_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
ROG_RESTL	1.212872965	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.606436482
ROG_RUNEX	2.581818782	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	2.581818782
ROG_RUNLS	1.543089449	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.543089449
ROG_STREX	1.782767706	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.782767706
SO2_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
SO2_RUNEX	0.002228595	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.002228595
SO2_STREX	0.000569748	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.000569748
TOG_DIURN	2.33156256	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.16578128
TOG_HTSK	0.750935951	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.750935951
TOG_IDLEX	0	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0
TOG_RESTL	1.212872965	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	0.606436482
TOG_RUNEX	3.242896823	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	3.242896823
TOG_RUNLS	1.543089449	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.543089449
TOG_STREX	1.942070112	0	0	239506.7888	0	0	1408687.064	0	0	479013.5775	0	0	1.942070112

SBUS CalEEMod Emission Rate Worksheet

Pollutant	Emission Rates		Vehicle Class: SBUS			VMT			Trips			CalEEMod Emission Rate	
	Gas	DSL	NG	Population		SBUS Gas	SBUS DSL	SBUS NG	SBUS Gas	SBUS DSL	SBUS NG		
				SBUS Gas	SBUS DSL								
CH4_IDLEX	2.395758741	0.01237345	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.110087644
CH4_RUNEX	0.003629566	0.002291634	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.002854339
CH4_STREX	0.050329495	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.009177102
CO_IDLEX	82.24087757	9.689317057	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	4.435498099
CO_RUNEX	0.328873158	0.204259804	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.2566694
CO_STREX	6.459756933	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.177874867
CO2_NBIO_IDLEX	2331.317954	3188.922178	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	332.2252053
CO2_NBIO_RUNEX	773.6347611	1037.457538	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	926.4995647
CO2_NBIO_STREX	41.54967195	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	7.576185118
NOX_IDLEX	0.9265304	24.06850286	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.747615373
NOX_RUNEX	0.17624693	3.049092344	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.840837662
NOX_STREX	0.577405579	1.730885048	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.520559104
PM10_IDLEX	0	0.013188971	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000934508
PM10_PMBW	0.744800204	0.744800213	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.744800209
PM10_PMTW	0.008000002	0.012000003	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.010317692
PM10_RUNEX	0.001295338	0.014742474	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.009086909
PM10_STREX	0.000582817	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000106271
PM25_IDLEX	0	0.012618422	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000894081
PM25_PMBW	0.319200087	0.319200091	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.31920009
PM25_PMTW	0.002000001	0.003000001	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.002579423
PM25_RUNEX	0.001191016	0.014104721	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.008673505
PM25_STREX	0.000535879	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	9.77123E-05
ROG_DIURN	0.036165136	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.001648592
ROG_HTSK	0.075980059	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.013854237
ROG_IDLEX	10.64151815	0.266396991	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.503970374
ROG_RESTL	0.021869975	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000996945
ROG_RUNEX	0.016814281	0.049338252	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.035659395
ROG_RUNLS	0.475726848	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.086744239
ROG_STREX	0.288321579	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.052572681
SO2_IDLEX	0.023070281	0.030127356	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.003186342
SO2_RUNEX	0.007655743	0.009801384	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.008898976
SO2_STREX	0.000411168	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	7.49725E-05
TOG_DIURN	0.036165136	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.001648592
TOG_HTSK	0.075980059	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.013854237
TOG_IDLEX	15.5280783	0.303272696	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.729337583
TOG_RESTL	0.021869975	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000996945
TOG_RUNEX	0.024535359	0.056167844	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.042863927
TOG_RUNLS	0.475726848	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.086744239
TOG_STREX	0.315675837	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.057560468
CH4_IDLEX	2.398051343	0.012886268	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.110228489
CH4_RUNEX	0.003714573	0.002291634	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.002890091
CH4_STREX	0.044922927	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.008191266
CO_IDLEX	82.24087757	9.435562337	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	4.417518249
CO_RUNEX	0.336169169	0.204259804	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.25973794
CO_STREX	5.270930609	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.961103762
CO2_NBIO_IDLEX	2331.317954	3196.670835	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	332.7742382
CO2_NBIO_RUNEX	773.6479795	1037.457538	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	926.5051241
CO2_NBIO_STREX	39.56050291	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	7.213479175
NOX_IDLEX	0.9265304	23.82883928	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.730633954
NOX_RUNEX	0.154492552	2.882410058	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.73510882
NOX_STREX	0.547393488	1.730885048	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.515086686
PM10_IDLEX	0	0.011273317	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000798774
PM10_PMBW	0.744800204	0.744800213	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.744800209
PM10_PMTW	0.008000002	0.012000003	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.010317692
PM10_RUNEX	0.001295338	0.014742474	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.009086909
PM10_STREX	0.000582817	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000106271
PM25_IDLEX	0	0.010785638	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000764219
PM25_PMBW	0.319200087	0.319200091	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.31920009
PM25_PMTW	0.002000001	0.003000001	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.002579423
PM25_RUNEX	0.001191016	0.014104721	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.008673505
PM25_STREX	0.000535879	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	9.77123E-05
ROG_DIURN	0.052209259	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.002379965
ROG_HTSK	0.076609689	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.013969044
ROG_IDLEX	10.64151815	0.277437806	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.504752674
ROG_RESTL	0.029596982	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.001349182
ROG_RUNEX	0.017197759	0.049338252	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.035820678
ROG_RUNLS	0.429369862	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.078291486
ROG_STREX	0.257102688	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.046880215

CH4_IDLEX	2.395258306	0.011665274	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.110014654
CH4_RUNEX	0.0036038	0.002291634	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.002843502
CH4_STREX	0.05156915	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.009403141
CO_IDLEX	82.24087757	10.03974024	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	4.460327415
CO_RUNEX	0.326633498	0.204259804	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.255727449
CO_STREX	6.685065854	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.218957793
CO2_NBIO_IDLEX	2331.317954	3178.221652	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	331.4670171
CO2_NBIO_RUNEX	773.6307028	1037.457538	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	926.4978579
CO2_NBIO_STREX	41.93084517	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	7.645688407
NOX_IDLEX	0.9265304	24.39946684	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.771065903
NOX_RUNEX	0.172774311	2.995791084	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.808493216
NOX_STREX	0.586179883	1.730885048	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	1.522159014
PM10_IDLEX	0	0.015834399	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.00112195
PM10_PMBW	0.744800204	0.744800213	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.744800209
PM10_PMTW	0.008000002	0.012000003	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.010317692
PM10_RUNEX	0.001295338	0.014742474	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.009086909
PM10_STREX	0.000582817	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000106271
PM25_IDLEX	0	0.01514941	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.001073415
PM25_PMBW	0.319200087	0.319200091	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.31920009
PM25_PMTW	0.002000001	0.003000001	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.002579423
PM25_RUNEX	0.001191016	0.014104721	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.008673505
PM25_STREX	0.000535879	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	9.77123E-05
ROG_DIURN	0.034430169	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.001569503
ROG_HTSK	0.07760053	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.014149714
ROG_IDLEX	10.64151815	0.251150152	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.502890056
ROG_RESTL	0.020824061	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000949267
ROG_RUNEX	0.016696436	0.049338252	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.035609833
ROG_RUNLS	0.577490281	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.105299827
ROG_STREX	0.295484066	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.053878692
SO2_IDLEX	0.023070281	0.030026262	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.003179179
SO2_RUNEX	0.007655703	0.009801384	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.008898959
SO2_STREX	0.00041494	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	7.56603E-05
TOG_DIURN	0.034430169	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.001569503
TOG_HTSK	0.07760053	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.014149714
TOG_IDLEX	15.5280783	0.28591533	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.728107722
TOG_RESTL	0.020824061	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.000949267
TOG_RUNEX	0.0243634	0.056167844	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.042791605
TOG_RUNLS	0.577490281	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.105299827
TOG_STREX	0.323517859	0	0	2472.312866	3842.840632	0	88755.64974	122277.0614	0	9889.251463	44345.8481	0	0.058990386

CH4_IDLEX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
CH4_RUNEX	0.002416963	0.002416963	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.002416963
CH4_STREX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
CO_IDLEX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
CO_RUNEX	0.173788007	0.173788007	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.173788007
CO_STREX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
CO2_NBIO_IDLEX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
CO2_NBIO_RUNEX	842.8067045	842.8067045	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	842.8067045
CO2_NBIO_STREX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
NOX_IDLEX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
NOX_RUNEX	2.422642927	2.422642927	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	2.422642927
NOX_STREX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
PM10_IDLEX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
PM10_PMBW	0.130340037	0.130340037	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.130340037
PM10_PMTW	0.016000005	0.016000005	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.016000005
PM10_RUNEX	0.034535839	0.034535839	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.034535839
PM10_STREX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
PM25_IDLEX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
PM25_PMBW	0.055860016	0.055860016	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.055860016
PM25_PMTW	0.004000001	0.004000001	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.004000001
PM25_RUNEX	0.033041833	0.033041833	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.033041833
PM25_STREX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
ROG_DIURN	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
ROG_HTSK	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
ROG_IDLEX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
ROG_RESTL	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
ROG_RUNEX	0.052035786	0.052035786	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.052035786
ROG_RUNLS	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
ROG_STREX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
SO2_IDLEX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
SO2_RUNEX	0.007967554	0.007967554	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.007967554
SO2_STREX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
TOG_DIURN	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
TOG_HTSK	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
TOG_IDLEX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
TOG_RESTL	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
TOG_RUNEX	0.059239283	0.059239283	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0.059239283
TOG_RUNLS	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0
TOG_STREX	0	0	0	20270.73577	8838.330047	0	196497.5618	80287.14088	0	2027.884407	883.8330047	0	0

CalEEMod Output: Construction

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Construction - Los Angeles-South Coast County, Summer

Construction
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	100.00	Dwelling Unit	0.93	196,000.00	286
Enclosed Parking with Elevator	80.00	Space	0.00	32,000.00	0
Other Asphalt Surfaces	8.27	1000sqft	0.19	8,266.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2025

Utility Company

CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0
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1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See assumptions file.

Construction Phase - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment -

Off-road Equipment - See assumptions file.

Off-road Equipment -

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - See assumptions file.

Grading -

Demolition -

Trips and VMT - See assumptions file.

Architectural Coating - See assumptions file.

Construction Off-road Equipment Mitigation - Based on South Coast Rule 403 and Rule 1186.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	2,416.00	1,920.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	132,300.00	119,070.00
tblArchitecturalCoating	ConstArea_Residential_Interior	396,900.00	357,210.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	200.00	160.00
tblConstructionPhase	NumDays	20.00	60.00

tblConstructionPhase	NumDays	4.00	10.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	2.00	5.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	2.00	10.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	4.00	5.00
tblConstructionPhase	PhaseEndDate	2/7/2024	8/23/2024
tblConstructionPhase	PhaseEndDate	1/10/2024	5/24/2024
tblConstructionPhase	PhaseEndDate	3/28/2023	5/23/2023
tblConstructionPhase	PhaseEndDate	4/5/2023	6/22/2023
tblConstructionPhase	PhaseEndDate	1/24/2024	9/20/2024
tblConstructionPhase	PhaseEndDate	3/30/2023	6/7/2023
tblConstructionPhase	PhaseStartDate	1/25/2024	6/1/2024
tblConstructionPhase	PhaseStartDate	4/6/2023	10/15/2023
tblConstructionPhase	PhaseStartDate	3/31/2023	6/9/2023
tblConstructionPhase	PhaseStartDate	1/11/2024	8/24/2024
tblConstructionPhase	PhaseStartDate	3/29/2023	6/1/2023
tblGrading	MaterialExported	0.00	433.00
tblLandUse	LandUseSquareFeet	100,000.00	196,000.00
tblLandUse	LotAcreage	2.63	0.93
tblLandUse	LotAcreage	0.72	0.00
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.50	0.50

tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	Hauling TripLength	20.00	35.90

tblTripsAndVMT	HaulingTripLength	20.00	15.10
tblTripsAndVMT	HaulingTripLength	20.00	35.90
tblTripsAndVMT	HaulingTripNumber	85.00	96.00
tblTripsAndVMT	HaulingTripNumber	57.00	74.00
tblTripsAndVMT	HaulingTripNumber	54.00	74.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	17.00	40.00
tblTripsAndVMT	VendorTripNumber	0.00	24.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	14.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	44.00
tblTripsAndVMT	WorkerTripNumber	18.00	30.00
tblTripsAndVMT	WorkerTripNumber	89.00	100.00
tblTripsAndVMT	WorkerTripNumber	13.00	30.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	20.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	20.00
tblTripsAndVMT	WorkerTripNumber	0.00	20.00

tblTripsAndVMT	WorkerTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	40.00
tblTripsAndVMT	WorkerTripNumber	3.00	40.00
tblTripsAndVMT	WorkerTripNumber	8.00	20.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	2.6950	20.3560	24.3655	0.0578	6.3114	0.8320	6.8250	3.0921	0.7891	3.5648	0.0000	5,634.6416	5,634.6416	0.7164	0.0000	5,652.5514
2024	19.7172	14.0750	16.5485	0.0547	5.2404	0.4622	5.5307	2.5664	0.4456	2.9358	0.0000	5,674.7031	5,674.7031	0.6734	0.0000	5,691.5371
Maximum	19.7172	20.3560	24.3655	0.0578	6.3114	0.8320	6.8250	3.0921	0.7891	3.5648	0.0000	5,674.7031	5,674.7031	0.7164	0.0000	5,691.5371

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
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Year	lb/day										lb/day					
	2023	2.6950	20.3560	24.3655	0.0578	2.9518	0.8320	3.4653	1.3917	0.7891	1.8644	0.0000	5,634.6416	5,634.6416	0.7164	0.0000
2024	19.7172	14.0750	16.5485	0.0547	3.0220	0.4622	3.3122	1.1177	0.4456	1.4870	0.0000	5,674.7031	5,674.7031	0.6734	0.0000	5,691.5371
Maximum	19.7172	20.3560	24.3655	0.0578	3.0220	0.8320	3.4653	1.3917	0.7891	1.8644	0.0000	5,674.7031	5,674.7031	0.7164	0.0000	5,691.5371

	ROG	NOx	CO	SO2	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	48.29	0.00	45.15	55.65	0.00	48.44	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	Building Demolition	Demolition	3/1/2023	5/23/2023	5	60	
2	Building Demolition Haul	Demolition	4/1/2023	5/26/2023	5	40	
3	Site Preparation	Site Preparation	6/1/2023	6/7/2023	5	5	
4	Site Preparation Soil Haul	Site Preparation	6/1/2023	6/14/2023	5	10	
5	Rough Grading	Grading	6/9/2023	6/22/2023	5	10	
6	Geopiers/Foundation	Trenching	7/1/2023	9/22/2023	5	60	
7	Utility Trenching	Trenching	8/1/2023	10/23/2023	5	60	
8	Building Construction	Building Construction	10/15/2023	5/24/2024	5	160	
9	Architectural Coating	Architectural Coating	6/1/2024	8/23/2024	5	60	
10	Asphalt Demolition	Demolition	7/1/2024	7/5/2024	5	5	
11	Asphalt Demolition Haul	Demolition	7/1/2024	7/5/2024	5	5	
12	Paving	Paving	8/24/2024	9/20/2024	5	20	
13	Fine Grading	Grading	9/23/2024	9/27/2024	5	5	

14	Finishing/Landscaping	Trenching	10/1/2024	11/25/2024	5	40
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Acres of Grading (Site Preparation Phase): 2.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.19

Residential Indoor: 357,210; Residential Outdoor: 119,070; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Building Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	23	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Building Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Rough Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Rough Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Rough Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36

Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45
Asphalt Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Asphalt Demolition Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Building Demolition Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Fine Grading	Graders	1	6.00	187	0.41
Site Preparation Soil Haul	Graders	0	8.00	187	0.41
Asphalt Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Asphalt Demolition Haul	Rubber Tired Dozers	0	8.00	247	0.40
Building Demolition Haul	Rubber Tired Dozers	0	8.00	247	0.40
Fine Grading	Rubber Tired Dozers	1	6.00	247	0.40
Site Preparation Soil Haul	Rubber Tired Dozers	0	7.00	247	0.40
Asphalt Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Asphalt Demolition Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Demolition Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Fine Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation Soil Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Demolition	Excavators	2	8.00	158	0.38
Building Demolition	Skid Steer Loaders	2	8.00	65	0.37
Geopiers/Foundation	Cranes	1	8.00	231	0.29
Geopiers/Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Geopiers/Foundation	Generator Sets	1	8.00	84	0.74
Utility Trenching	Excavators	1	8.00	158	0.38
Utility Trenching	Trenchers	1	8.00	78	0.50
Asphalt Demolition	Excavators	2	8.00	158	0.38
Asphalt Demolition	Skid Steer Loaders	2	1.00	65	0.37
Finishing/Landscaping	Forklifts	1	8.00	89	0.20

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	
Architectural Coating		1	30.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction		7	100.00	40.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Demolition		5	30.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rough Grading		3	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving		5	20.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation		3	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Asphalt Demolition		5	20.00	14.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Asphalt Demolition Haul		0	20.00	4.00	96.00	14.70	6.90	35.90	LD_Mix	HDT_Mix	HHDT
Building Demolition Haul		0	20.00	4.00	74.00	14.70	6.90	15.10	LD_Mix	HDT_Mix	HHDT
Fine Grading		3	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation Soil Haul		0	10.00	2.00	74.00	14.70	6.90	35.90	LD_Mix	HDT_Mix	HHDT
Utility Trenching		2	40.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finishing/Landscaping		1	40.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Geopiers/Foundation		3	20.00	44.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Building Demolition - 2023

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	0.6589	6.3623	11.5176	0.0176		0.2859	0.2859		0.2631	0.2631		1,702.7602	1,702.7602	0.5507		1,716.5279
Total	0.6589	6.3623	11.5176	0.0176		0.2859	0.2859		0.2631	0.2631		1,702.7602	1,702.7602	0.5507		1,716.5279

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	0.0508	1.6814	0.5205	5.9100e-003	0.1537	1.9400e-003	0.1556	0.0442	1.8600e-003	0.0461		633.3778	633.3778	0.0333		634.2092
Worker	0.1131	0.0722	1.0266	3.1900e-003	0.3353	2.5500e-003	0.3379	0.0889	2.3500e-003	0.0913		317.5446	317.5446	8.2000e-003		317.7497
Total	0.1639	1.7536	1.5472	9.1000e-003	0.4890	4.4900e-003	0.4935	0.1332	4.2100e-003	0.1374		950.9224	950.9224	0.0415		951.9589

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	0.6589	6.3623	11.5176	0.0176		0.2859	0.2859		0.2631	0.2631	0.0000	1,702.7602	1,702.7602	0.5507		1,716.5279
Total	0.6589	6.3623	11.5176	0.0176		0.2859	0.2859		0.2631	0.2631	0.0000	1,702.7602	1,702.7602	0.5507		1,716.5279

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	0.0508	1.6814	0.5205	5.9100e-003	0.1438	1.9400e-003	0.1458	0.0418	1.8600e-003	0.0437		633.3778	633.3778	0.0333		634.2092
Worker	0.1131	0.0722	1.0266	3.1900e-003	0.3091	2.5500e-003	0.3116	0.0825	2.3500e-003	0.0848		317.5446	317.5446	8.2000e-003		317.7497
Total	0.1639	1.7536	1.5472	9.1000e-003	0.4529	4.4900e-003	0.4574	0.1243	4.2100e-003	0.1285		950.9224	950.9224	0.0415		951.9589

3.3 Building Demolition Haul - 2023

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					0.3103	0.0000	0.3103	0.0470	0.0000	0.0470			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.3103	0.0000	0.3103	0.0470	0.0000	0.0470		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.7400e-003	0.2640	0.0838	1.0700e-003	0.0244	4.3000e-004	0.0249	6.7000e-003	4.1000e-004	7.1100e-003		116.8540	116.8540	7.8800e-003		117.0511
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0754	0.0482	0.6844	2.1200e-003	0.2236	1.7000e-003	0.2253	0.0593	1.5700e-003	0.0609		211.6964	211.6964	5.4700e-003		211.8331
Total	0.0916	0.5924	0.8550	4.1800e-003	0.2736	2.4500e-003	0.2760	0.0734	2.2900e-003	0.0756		434.1134	434.1134	0.0189		434.5858

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					0.1327	0.0000	0.1327	0.0201	0.0000	0.0201			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.1327	0.0000	0.1327	0.0201	0.0000	0.0201	0.0000	0.0000	0.0000	0.0000		0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.7400e-003	0.2640	0.0838	1.0700e-003	0.0228	4.3000e-004	0.0232	6.2900e-003	4.1000e-004	6.7000e-003		116.8540	116.8540	7.8800e-003		117.0511
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0240	3.2000e-004	0.0243	6.9700e-003	3.1000e-004	7.2800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0754	0.0482	0.6844	2.1200e-003	0.2061	1.7000e-003	0.2078	0.0550	1.5700e-003	0.0566		211.6964	211.6964	5.4700e-003		211.8331
Total	0.0916	0.5924	0.8550	4.1800e-003	0.2528	2.4500e-003	0.2553	0.0683	2.2900e-003	0.0705		434.1134	434.1134	0.0189		434.5858

3.4 Site Preparation - 2023

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					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	1.1339	12.4250	6.6420	0.0172		0.5074	0.5074		0.4668	0.4668		1,666.0573	1,666.0573	0.5388		1,679.5282
Total	1.1339	12.4250	6.6420	0.0172	5.7996	0.5074	6.3070	2.9537	0.4668	3.4205		1,666.0573	1,666.0573	0.5388		1,679.5282

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	0.0127	0.4203	0.1301	1.4800e-003	0.0384	4.9000e-004	0.0389	0.0111	4.6000e-004	0.0115		158.3445	158.3445	8.3100e-003		158.5523
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		105.8482	105.8482	2.7300e-003		105.9166
Total	0.0504	0.4444	0.4723	2.5400e-003	0.1502	1.3400e-003	0.1515	0.0407	1.2400e-003	0.0420		264.1927	264.1927	0.0110		264.4689

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					2.4793	0.0000	2.4793	1.2627	0.0000	1.2627			0.0000			0.0000
Off-Road	1.1339	12.4250	6.6420	0.0172		0.5074	0.5074		0.4668	0.4668	0.0000	1,666.0573	1,666.0573	0.5388		1,679.5282
Total	1.1339	12.4250	6.6420	0.0172	2.4793	0.5074	2.9867	1.2627	0.4668	1.7295	0.0000	1,666.0573	1,666.0573	0.5388		1,679.5282

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	0.0127	0.4203	0.1301	1.4800e-003	0.0360	4.9000e-004	0.0364	0.0105	4.6000e-004	0.0109		158.3445	158.3445	8.3100e-003		158.5523
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1030	8.5000e-004	0.1039	0.0275	7.8000e-004	0.0283		105.8482	105.8482	2.7300e-003		105.9166
Total	0.0504	0.4444	0.4723	2.5400e-003	0.1390	1.3400e-003	0.1403	0.0380	1.2400e-003	0.0392		264.1927	264.1927	0.0110		264.4689

3.5 Site Preparation Soil Haul - 2023

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					4.9000e-003	0.0000	4.9000e-003	7.4000e-004	0.0000	7.4000e-004			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	4.9000e-003	0.0000	4.9000e-003	7.4000e-004	0.0000	7.4000e-004		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0630	1.7368	0.6971	9.1900e-003	0.2322	3.8400e-003	0.2360	0.0636	3.6700e-003	0.0673		1,001.1777	1,001.1777	0.0631		1,002.7548
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		105.8482	105.8482	2.7300e-003		105.9166
Total	0.1049	1.9010	1.0827	0.0107	0.3567	4.8500e-003	0.3616	0.0970	4.6000e-003	0.1016		1,159.8074	1,159.8074	0.0686		1,161.5221

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					2.0900e-003	0.0000	2.0900e-003	3.2000e-004	0.0000	3.2000e-004			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	2.0900e-003	0.0000	2.0900e-003	3.2000e-004	0.0000	3.2000e-004	0.0000	0.0000	0.0000	0.0000		0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0630	1.7368	0.6971	9.1900e-003	0.2164	3.8400e-003	0.2202	0.0598	3.6700e-003	0.0634		1,001.1777	1,001.1777	0.0631		1,002.7548
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0120	1.6000e-004	0.0122	3.4900e-003	1.5000e-004	3.6400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1030	8.5000e-004	0.1039	0.0275	7.8000e-004	0.0283		105.8482	105.8482	2.7300e-003		105.9166
Total	0.1049	1.9010	1.0827	0.0107	0.3314	4.8500e-003	0.3362	0.0907	4.6000e-003	0.0953		1,159.8074	1,159.8074	0.0686		1,161.5221

3.6 Rough Grading - 2023

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					4.9143	0.0000	4.9143	2.5256	0.0000	2.5256			0.0000				0.0000
Off-Road	0.9335	10.1789	5.5516	0.0141		0.4201	0.4201		0.3865	0.3865		1,364.7713	1,364.7713	0.4414			1,375.8062
Total	0.9335	10.1789	5.5516	0.0141	4.9143	0.4201	5.3343	2.5256	0.3865	2.9121		1,364.7713	1,364.7713	0.4414			1,375.8062

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	0.0127	0.4203	0.1301	1.4800e-003	0.0384	4.9000e-004	0.0389	0.0111	4.6000e-004	0.0115		158.3445	158.3445	8.3100e-003			158.5523
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		105.8482	105.8482	2.7300e-003			105.9166
Total	0.0504	0.4444	0.4723	2.5400e-003	0.1502	1.3400e-003	0.1515	0.0407	1.2400e-003	0.0420		264.1927	264.1927	0.0110			264.4689

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					2.1008	0.0000	2.1008	1.0797	0.0000	1.0797			0.0000				0.0000
Off-Road	0.9335	10.1789	5.5516	0.0141		0.4201	0.4201		0.3865	0.3865	0.0000	1,364.7713	1,364.7713	0.4414			1,375.8062
Total	0.9335	10.1789	5.5516	0.0141	2.1008	0.4201	2.5209	1.0797	0.3865	1.4662	0.0000	1,364.7713	1,364.7713	0.4414			1,375.8062

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	0.0127	0.4203	0.1301	1.4800e-003	0.0360	4.9000e-004	0.0364	0.0105	4.6000e-004	0.0109		158.3445	158.3445	8.3100e-003			158.5523
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1030	8.5000e-004	0.1039	0.0275	7.8000e-004	0.0283		105.8482	105.8482	2.7300e-003			105.9166
Total	0.0504	0.4444	0.4723	2.5400e-003	0.1390	1.3400e-003	0.1403	0.0380	1.2400e-003	0.0392		264.1927	264.1927	0.0110			264.4689

3.7 Geopiers/Foundation - 2023

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	0.8057	8.0356	7.7140	0.0154		0.3621	0.3621		0.3434	0.3434		1,478.5465	1,478.5465	0.3041		1,486.1489
Total	0.8057	8.0356	7.7140	0.0154		0.3621	0.3621		0.3434	0.3434		1,478.5465	1,478.5465	0.3041		1,486.1489

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	0.0931	3.0825	0.9543	0.0108	0.2817	3.5600e-003	0.2853	0.0811	3.4000e-003	0.0845		1,161.1927	1,161.1927	0.0610		1,162.7169
Worker	0.0754	0.0482	0.6844	2.1200e-003	0.2236	1.7000e-003	0.2253	0.0593	1.5700e-003	0.0609		211.6964	211.6964	5.4700e-003		211.8331
Total	0.1685	3.1307	1.6387	0.0130	0.5053	5.2600e-003	0.5105	0.1404	4.9700e-003	0.1454		1,372.8891	1,372.8891	0.0664		1,374.5500

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	0.8057	8.0356	7.7140	0.0154		0.3621	0.3621		0.3434	0.3434	0.0000	1,478.5465	1,478.5465	0.3041		1,486.1489
Total	0.8057	8.0356	7.7140	0.0154		0.3621	0.3621		0.3434	0.3434	0.0000	1,478.5465	1,478.5465	0.3041		1,486.1489

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	0.0931	3.0825	0.9543	0.0108	0.2636	3.5600e-003	0.2672	0.0767	3.4000e-003	0.0801		1,161.1927	1,161.1927	0.0610		1,162.7169
Worker	0.0754	0.0482	0.6844	2.1200e-003	0.2061	1.7000e-003	0.2078	0.0550	1.5700e-003	0.0566		211.6964	211.6964	5.4700e-003		211.8331
Total	0.1685	3.1307	1.6387	0.0130	0.4697	5.2600e-003	0.4750	0.1317	4.9700e-003	0.1366		1,372.8891	1,372.8891	0.0664		1,374.5500

3.8 Utility Trenching - 2023

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	0.5380	4.8057	5.8791	8.5900e-003		0.3016	0.3016		0.2775	0.2775		831.4420	831.4420	0.2689		838.1647
Total	0.5380	4.8057	5.8791	8.5900e-003		0.3016	0.3016		0.2775	0.2775		831.4420	831.4420	0.2689		838.1647

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	0.0212	0.7006	0.2169	2.4600e-003	0.0640	8.1000e-004	0.0648	0.0184	7.7000e-004	0.0192		263.9074	263.9074	0.0139		264.2539
Worker	0.1508	0.0963	1.3689	4.2500e-003	0.4471	3.4000e-003	0.4505	0.1186	3.1300e-003	0.1217		423.3928	423.3928	0.0109		423.6662
Total	0.1720	0.7969	1.5857	6.7100e-003	0.5111	4.2100e-003	0.5153	0.1370	3.9000e-003	0.1409		687.3002	687.3002	0.0248		687.9201

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	0.5380	4.8057	5.8791	8.5900e-003		0.3016	0.3016		0.2775	0.2775	0.0000	831.4420	831.4420	0.2689		838.1647
Total	0.5380	4.8057	5.8791	8.5900e-003		0.3016	0.3016		0.2775	0.2775	0.0000	831.4420	831.4420	0.2689		838.1647

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	0.0212	0.7006	0.2169	2.4600e-003	0.0599	8.1000e-004	0.0607	0.0174	7.7000e-004	0.0182		263.9074	263.9074	0.0139		264.2539
Worker	0.1508	0.0963	1.3689	4.2500e-003	0.4121	3.4000e-003	0.4155	0.1100	3.1300e-003	0.1131		423.3928	423.3928	0.0109		423.6662
Total	0.1720	0.7969	1.5857	6.7100e-003	0.4720	4.2100e-003	0.4763	0.1274	3.9000e-003	0.1313		687.3002	687.3002	0.0248		687.9201

3.9 Building Construction - 2023

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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858

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	0.0847	2.8023	0.8675	9.8500e-003	0.2561	3.2400e-003	0.2593	0.0737	3.0900e-003	0.0768		1,055.6297	1,055.6297	0.0554		1,057.0154
Worker	0.3771	0.2408	3.4221	0.0106	1.1178	8.5000e-003	1.1263	0.2964	7.8300e-003	0.3043		1,058.4820	1,058.4820	0.0273		1,059.1655
Total	0.4617	3.0431	4.2897	0.0205	1.3739	0.0117	1.3856	0.3702	0.0109	0.3811		2,114.1117	2,114.1117	0.0828		2,116.1809

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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

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	0.0847	2.8023	0.8675	9.8500e-003	0.2397	3.2400e-003	0.2429	0.0697	3.0900e-003	0.0728		1,055.6297	1,055.6297	0.0554		1,057.0154
Worker	0.3771	0.2408	3.4221	0.0106	1.0303	8.5000e-003	1.0388	0.2750	7.8300e-003	0.2828		1,058.4820	1,058.4820	0.0273		1,059.1655
Total	0.4617	3.0431	4.2897	0.0205	1.2700	0.0117	1.2817	0.3447	0.0109	0.3556		2,114.1117	2,114.1117	0.0828		2,116.1809

3.9 Building Construction - 2024

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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.9214	2,001.9214	0.3334		2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.9214	2,001.9214	0.3334		2,010.2563

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	0.0826	2.7916	0.8411	9.8100e-003	0.2561	3.2000e-003	0.2593	0.0737	3.0500e-003	0.0768		1,051.3457	1,051.3457	0.0546		1,052.7117
Worker	0.3567	0.2196	3.1902	0.0103	1.1178	8.3800e-003	1.1261	0.2964	7.7100e-003	0.3042		1,025.6783	1,025.6783	0.0251		1,026.3054
Total	0.4393	3.0112	4.0313	0.0201	1.3739	0.0116	1.3854	0.3702	0.0108	0.3809		2,077.0240	2,077.0240	0.0797		2,079.0170

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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563

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	0.0826	2.7916	0.8411	9.8100e-003	0.2397	3.2000e-003	0.2429	0.0697	3.0500e-003	0.0728		1,051.3457	1,051.3457	0.0546		1,052.7117
Worker	0.3567	0.2196	3.1902	0.0103	1.0303	8.3800e-003	1.0387	0.2750	7.7100e-003	0.2827		1,025.6783	1,025.6783	0.0251		1,026.3054
Total	0.4393	3.0112	4.0313	0.0201	1.2700	0.0116	1.2816	0.3447	0.0108	0.3554		2,077.0240	2,077.0240	0.0797		2,079.0170

3.10 Architectural Coating - 2024

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	18.5446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	18.7254	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

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	0.0207	0.6979	0.2103	2.4500e-003	0.0640	8.0000e-004	0.0648	0.0184	7.6000e-004	0.0192		262.8364	262.8364	0.0137		263.1779
Worker	0.1070	0.0659	0.9571	3.0900e-003	0.3353	2.5100e-003	0.3378	0.0889	2.3100e-003	0.0912		307.7035	307.7035	7.5300e-003		307.8916
Total	0.1277	0.7638	1.1673	5.5400e-003	0.3994	3.3100e-003	0.4027	0.1074	3.0700e-003	0.1104		570.5399	570.5399	0.0212		571.0695

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	18.5446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	18.7254	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

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	0.0207	0.6979	0.2103	2.4500e-003	0.0599	8.0000e-004	0.0607	0.0174	7.6000e-004	0.0182		262.8364	262.8364	0.0137		263.1779
Worker	0.1070	0.0659	0.9571	3.0900e-003	0.3091	2.5100e-003	0.3116	0.0825	2.3100e-003	0.0848		307.7035	307.7035	7.5300e-003		307.8916
Total	0.1277	0.7638	1.1673	5.5400e-003	0.3690	3.3100e-003	0.3723	0.0999	3.0700e-003	0.1030		570.5399	570.5399	0.0212		571.0695

3.11 Asphalt Demolition - 2024

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	0.5200	4.4606	9.1118	0.0140		0.2113	0.2113		0.1944	0.1944		1,352.4393	1,352.4393	0.4374		1,363.3745
Total	0.5200	4.4606	9.1118	0.0140		0.2113	0.2113		0.1944	0.1944		1,352.4393	1,352.4393	0.4374		1,363.3745

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	0.0289	0.9771	0.2944	3.4300e-003	0.0896	1.1200e-003	0.0908	0.0258	1.0700e-003	0.0269		367.9710	367.9710	0.0191		368.4491
Worker	0.0713	0.0439	0.6380	2.0600e-003	0.2236	1.6800e-003	0.2252	0.0593	1.5400e-003	0.0608		205.1357	205.1357	5.0200e-003		205.2611
Total	0.1003	1.0210	0.9324	5.4900e-003	0.3132	2.8000e-003	0.3160	0.0851	2.6100e-003	0.0877		573.1067	573.1067	0.0241		573.7102

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	0.5200	4.4606	9.1118	0.0140		0.2113	0.2113		0.1944	0.1944	0.0000	1,352.4393	1,352.4393	0.4374		1,363.3745
Total	0.5200	4.4606	9.1118	0.0140		0.2113	0.2113		0.1944	0.1944	0.0000	1,352.4393	1,352.4393	0.4374		1,363.3745

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	0.0289	0.9771	0.2944	3.4300e-003	0.0839	1.1200e-003	0.0850	0.0244	1.0700e-003	0.0255		367.9710	367.9710	0.0191		368.4491
Worker	0.0713	0.0439	0.6380	2.0600e-003	0.2061	1.6800e-003	0.2077	0.0550	1.5400e-003	0.0565		205.1357	205.1357	5.0200e-003		205.2611
Total	0.1003	1.0210	0.9324	5.4900e-003	0.2900	2.8000e-003	0.2928	0.0794	2.6100e-003	0.0820		573.1067	573.1067	0.0241		573.7102

3.12 Asphalt Demolition Haul - 2024

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					3.6764	0.0000	3.6764	0.5566	0.0000	0.5566			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	3.6764	0.0000	3.6764	0.5566	0.0000	0.5566		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1643	4.4780	1.8323	0.0237	0.6024	9.8900e-003	0.6123	0.1651	9.4600e-003	0.1746		2,586.8990	2,586.8990	0.1643		2,591.0065
Vendor	8.2600e-003	0.2792	0.0841	9.8000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.1346	105.1346	5.4600e-003		105.2712
Worker	0.0713	0.0439	0.6380	2.0600e-003	0.2236	1.6800e-003	0.2252	0.0593	1.5400e-003	0.0608		205.1357	205.1357	5.0200e-003		205.2611
Total	0.2439	4.8011	2.5545	0.0268	0.8515	0.0119	0.8634	0.2318	0.0113	0.2431		2,897.1692	2,897.1692	0.1748		2,901.5387

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					1.5716	0.0000	1.5716	0.2380	0.0000	0.2380			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	1.5716	0.0000	1.5716	0.2380	0.0000	0.2380	0.0000	0.0000	0.0000	0.0000		0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1643	4.4780	1.8323	0.0237	0.5614	9.8900e-003	0.5713	0.1550	9.4600e-003	0.1645		2,586.8990	2,586.8990	0.1643		2,591.0065
Vendor	8.2600e-003	0.2792	0.0841	9.8000e-004	0.0240	3.2000e-004	0.0243	6.9700e-003	3.1000e-004	7.2800e-003		105.1346	105.1346	5.4600e-003		105.2712
Worker	0.0713	0.0439	0.6380	2.0600e-003	0.2061	1.6800e-003	0.2077	0.0550	1.5400e-003	0.0565		205.1357	205.1357	5.0200e-003		205.2611
Total	0.2439	4.8011	2.5545	0.0268	0.7914	0.0119	0.8033	0.2170	0.0113	0.2283		2,897.1692	2,897.1692	0.1748		2,901.5387

3.13 Paving - 2024

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	0.6180	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594		1,297.8688	1,297.8688	0.4114		1,308.1547
Paving	0.0249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6429	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594		1,297.8688	1,297.8688	0.4114		1,308.1547

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	0.0207	0.6979	0.2103	2.4500e-003	0.0640	8.0000e-004	0.0648	0.0184	7.6000e-004	0.0192		262.8364	262.8364	0.0137		263.1779
Worker	0.0713	0.0439	0.6380	2.0600e-003	0.2236	1.6800e-003	0.2252	0.0593	1.5400e-003	0.0608		205.1357	205.1357	5.0200e-003		205.2611
Total	0.0920	0.7418	0.8483	4.5100e-003	0.2876	2.4800e-003	0.2901	0.0777	2.3000e-003	0.0800		467.9721	467.9721	0.0187		468.4390

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	0.6180	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594	0.0000	1,297.8688	1,297.8688	0.4114		1,308.1547
Paving	0.0249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6429	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594	0.0000	1,297.8688	1,297.8688	0.4114		1,308.1547

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	0.0207	0.6979	0.2103	2.4500e-003	0.0599	8.0000e-004	0.0607	0.0174	7.6000e-004	0.0182		262.8364	262.8364	0.0137		263.1779
Worker	0.0713	0.0439	0.6380	2.0600e-003	0.2061	1.6800e-003	0.2077	0.0550	1.5400e-003	0.0565		205.1357	205.1357	5.0200e-003		205.2611
Total	0.0920	0.7418	0.8483	4.5100e-003	0.2660	2.4800e-003	0.2685	0.0724	2.3000e-003	0.0747		467.9721	467.9721	0.0187		468.4390

3.14 Fine Grading - 2024

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					4.9153	0.0000	4.9153	2.5257	0.0000	2.5257			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681		1,364.6623	1,364.6623	0.4414		1,375.6962
Total	0.9132	9.7297	5.5468	0.0141	4.9153	0.4001	5.3154	2.5257	0.3681	2.8938		1,364.6623	1,364.6623	0.4414		1,375.6962

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	0.0124	0.4187	0.1262	1.4700e-003	0.0384	4.8000e-004	0.0389	0.0111	4.6000e-004	0.0115		157.7019	157.7019	8.2000e-003		157.9068
Worker	0.0357	0.0220	0.3190	1.0300e-003	0.1118	8.4000e-004	0.1126	0.0296	7.7000e-004	0.0304		102.5678	102.5678	2.5100e-003		102.6305
Total	0.0481	0.4407	0.4452	2.5000e-003	0.1502	1.3200e-003	0.1515	0.0407	1.2300e-003	0.0419		260.2697	260.2697	0.0107		260.5373

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					2.1013	0.0000	2.1013	1.0798	0.0000	1.0798			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681	0.0000	1,364.6623	1,364.6623	0.4414		1,375.6962
Total	0.9132	9.7297	5.5468	0.0141	2.1013	0.4001	2.5014	1.0798	0.3681	1.4479	0.0000	1,364.6623	1,364.6623	0.4414		1,375.6962

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	0.0124	0.4187	0.1262	1.4700e-003	0.0360	4.8000e-004	0.0364	0.0105	4.6000e-004	0.0109		157.7019	157.7019	8.2000e-003		157.9068
Worker	0.0357	0.0220	0.3190	1.0300e-003	0.1030	8.4000e-004	0.1039	0.0275	7.7000e-004	0.0283		102.5678	102.5678	2.5100e-003		102.6305
Total	0.0481	0.4407	0.4452	2.5000e-003	0.1390	1.3200e-003	0.1403	0.0380	1.2300e-003	0.0392		260.2697	260.2697	0.0107		260.5373

3.15 Finishing/Landscaping - 2024

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	0.0947	0.8879	1.1450	1.5400e-003		0.0513	0.0513		0.0472	0.0472		148.7710	148.7710	0.0481		149.9739
Total	0.0947	0.8879	1.1450	1.5400e-003		0.0513	0.0513		0.0472	0.0472		148.7710	148.7710	0.0481		149.9739

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	0.0413	1.3958	0.4206	4.9000e-003	0.1281	1.6000e-003	0.1297	0.0369	1.5300e-003	0.0384		525.6729	525.6729	0.0273		526.3558
Worker	0.1427	0.0878	1.2761	4.1200e-003	0.4471	3.3500e-003	0.4505	0.1186	3.0900e-003	0.1217		410.2713	410.2713	0.0100		410.5222
Total	0.1840	1.4836	1.6966	9.0200e-003	0.5752	4.9500e-003	0.5801	0.1554	4.6200e-003	0.1601		935.9442	935.9442	0.0374		936.8780

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	0.0947	0.8879	1.1450	1.5400e-003		0.0513	0.0513		0.0472	0.0472	0.0000	148.7710	148.7710	0.0481		149.9739
Total	0.0947	0.8879	1.1450	1.5400e-003		0.0513	0.0513		0.0472	0.0472	0.0000	148.7710	148.7710	0.0481		149.9739

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	0.0413	1.3958	0.4206	4.9000e-003	0.1198	1.6000e-003	0.1214	0.0349	1.5300e-003	0.0364		525.6729	525.6729	0.0273		526.3558
Worker	0.1427	0.0878	1.2761	4.1200e-003	0.4121	3.3500e-003	0.4155	0.1100	3.0900e-003	0.1131		410.2713	410.2713	0.0100		410.5222
Total	0.1840	1.4836	1.6966	9.0200e-003	0.5320	4.9500e-003	0.5369	0.1448	4.6200e-003	0.1495		935.9442	935.9442	0.0374		936.8780

Construction - Los Angeles-South Coast County, Winter

Construction
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Mid Rise	100.00	Dwelling Unit	0.93	196,000.00	286
Enclosed Parking with Elevator	80.00	Space	0.00	32,000.00	0
Other Asphalt Surfaces	8.27	1000sqft	0.19	8,266.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2025

Utility Company

CO2 Intensity (lb/MWhr)	0	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0
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1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See assumptions file.

Construction Phase - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment -

Off-road Equipment - See assumptions file.

Off-road Equipment -

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - See assumptions file.

Grading -

Demolition -

Trips and VMT - See assumptions file.

Architectural Coating - See assumptions file.

Construction Off-road Equipment Mitigation - Based on South Coast Rule 403 and Rule 1186.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	2,416.00	1,920.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	132,300.00	119,070.00
tblArchitecturalCoating	ConstArea_Residential_Interior	396,900.00	357,210.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	200.00	160.00
tblConstructionPhase	NumDays	20.00	60.00

tblConstructionPhase	NumDays	4.00	10.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	2.00	5.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	2.00	10.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	4.00	5.00
tblConstructionPhase	PhaseEndDate	2/7/2024	8/23/2024
tblConstructionPhase	PhaseEndDate	1/10/2024	5/24/2024
tblConstructionPhase	PhaseEndDate	3/28/2023	5/23/2023
tblConstructionPhase	PhaseEndDate	4/5/2023	6/22/2023
tblConstructionPhase	PhaseEndDate	1/24/2024	9/20/2024
tblConstructionPhase	PhaseEndDate	3/30/2023	6/7/2023
tblConstructionPhase	PhaseStartDate	1/25/2024	6/1/2024
tblConstructionPhase	PhaseStartDate	4/6/2023	10/15/2023
tblConstructionPhase	PhaseStartDate	3/31/2023	6/9/2023
tblConstructionPhase	PhaseStartDate	1/11/2024	8/24/2024
tblConstructionPhase	PhaseStartDate	3/29/2023	6/1/2023
tblGrading	MaterialExported	0.00	433.00
tblLandUse	LandUseSquareFeet	100,000.00	196,000.00
tblLandUse	LotAcreage	2.63	0.93
tblLandUse	LotAcreage	0.72	0.00
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.38	0.38
tblOffRoadEquipment	LoadFactor	0.50	0.50

tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblTripsAndVMT	Hauling TripLength	20.00	35.90

tblTripsAndVMT	HaulingTripLength	20.00	15.10
tblTripsAndVMT	HaulingTripLength	20.00	35.90
tblTripsAndVMT	HaulingTripNumber	85.00	96.00
tblTripsAndVMT	HaulingTripNumber	57.00	74.00
tblTripsAndVMT	HaulingTripNumber	54.00	74.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	17.00	40.00
tblTripsAndVMT	VendorTripNumber	0.00	24.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	14.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	44.00
tblTripsAndVMT	WorkerTripNumber	18.00	30.00
tblTripsAndVMT	WorkerTripNumber	89.00	100.00
tblTripsAndVMT	WorkerTripNumber	13.00	30.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	20.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	20.00
tblTripsAndVMT	WorkerTripNumber	0.00	20.00

tblTripsAndVMT	WorkerTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	40.00
tblTripsAndVMT	WorkerTripNumber	3.00	40.00
tblTripsAndVMT	WorkerTripNumber	8.00	20.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	2.7632	20.3760	24.0357	0.0566	6.3114	0.8323	6.8251	3.0921	0.7893	3.5649	0.0000	5,512.3451	5,512.3451	0.7180	0.0000	5,530.2960
2024	19.7531	14.0863	16.3356	0.0539	5.2404	0.4623	5.5309	2.5664	0.4457	2.9358	0.0000	5,586.4986	5,586.4986	0.6772	0.0000	5,603.4288
Maximum	19.7531	20.3760	24.0357	0.0566	6.3114	0.8323	6.8251	3.0921	0.7893	3.5649	0.0000	5,586.4986	5,586.4986	0.7180	0.0000	5,603.4288

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					
2023	2.7632	20.3760	24.0357	0.0566	2.9518	0.8323	3.4654	1.3917	0.7893	1.8645	0.0000	5,512.3451	5,512.3451	0.7180	0.0000	5,530.2960
2024	19.7531	14.0863	16.3356	0.0539	3.0220	0.4623	3.3125	1.1177	0.4457	1.4871	0.0000	5,586.4986	5,586.4986	0.6772	0.0000	5,603.4288
Maximum	19.7531	20.3760	24.0357	0.0566	3.0220	0.8323	3.4654	1.3917	0.7893	1.8645	0.0000	5,586.4986	5,586.4986	0.7180	0.0000	5,603.4288

	ROG	NOx	CO	SO2	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	48.29	0.00	45.14	55.65	0.00	48.44	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	Building Demolition	Demolition	3/1/2023	5/23/2023	5	60	
2	Building Demolition Haul	Demolition	4/1/2023	5/26/2023	5	40	
3	Site Preparation	Site Preparation	6/1/2023	6/7/2023	5	5	
4	Site Preparation Soil Haul	Site Preparation	6/1/2023	6/14/2023	5	10	
5	Rough Grading	Grading	6/9/2023	6/22/2023	5	10	
6	Geopiers/Foundation	Trenching	7/1/2023	9/22/2023	5	60	
7	Utility Trenching	Trenching	8/1/2023	10/23/2023	5	60	
8	Building Construction	Building Construction	10/15/2023	5/24/2024	5	160	

9	Architectural Coating	Architectural Coating	6/1/2024	8/23/2024	5	60
10	Asphalt Demolition	Demolition	7/1/2024	7/5/2024	5	5
11	Asphalt Demolition Haul	Demolition	7/1/2024	7/5/2024	5	5
12	Paving	Paving	8/24/2024	9/20/2024	5	20
13	Fine Grading	Grading	9/23/2024	9/27/2024	5	5
14	Finishing/Landscaping	Trenching	10/1/2024	11/25/2024	5	40

Acres of Grading (Site Preparation Phase): 2.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.19

Residential Indoor: 357,210; Residential Outdoor: 119,070; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Building Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	23	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Building Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Rough Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Rough Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Rough Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45
Asphalt Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Asphalt Demolition Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Building Demolition Haul	Concrete/Industrial Saws	0	8.00	8	0.73
Fine Grading	Graders	1	6.00	187	0.41
Site Preparation Soil Haul	Graders	0	8.00	187	0.41
Asphalt Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Asphalt Demolition Haul	Rubber Tired Dozers	0	8.00	247	0.40
Building Demolition Haul	Rubber Tired Dozers	0	8.00	247	0.40
Fine Grading	Rubber Tired Dozers	1	6.00	247	0.40
Site Preparation Soil Haul	Rubber Tired Dozers	0	7.00	247	0.40
Asphalt Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Asphalt Demolition Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Demolition Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Fine Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation Soil Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Demolition	Excavators	2	8.00	158	0.38
Building Demolition	Skid Steer Loaders	2	8.00	65	0.37
Geopiers/Foundation	Cranes	1	8.00	231	0.29
Geopiers/Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Geopiers/Foundation	Generator Sets	1	8.00	84	0.74

Utility Trenching	Excavators	1	8.00	158	0.38
Utility Trenching	Trenchers	1	8.00	78	0.50
Asphalt Demolition	Excavators	2	8.00	158	0.38
Asphalt Demolition	Skid Steer Loaders	2	1.00	65	0.37
Finishing/Landscaping	Forklifts	1	8.00	89	0.20

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	
Architectural Coating		1	30.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction		7	100.00	40.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Demolition		5	30.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rough Grading		3	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving		5	20.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation		3	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Asphalt Demolition		5	20.00	14.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Asphalt Demolition Haul		0	20.00	4.00	96.00	14.70	6.90	35.90	LD_Mix	HDT_Mix	HHDT
Building Demolition Haul		0	20.00	4.00	74.00	14.70	6.90	15.10	LD_Mix	HDT_Mix	HHDT
Fine Grading		3	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation Soil Haul		0	10.00	2.00	74.00	14.70	6.90	35.90	LD_Mix	HDT_Mix	HHDT
Utility Trenching		2	40.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finishing/Landscaping		1	40.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Geopiers/Foundation		3	20.00	44.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

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

3.2 Building Demolition - 2023

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	0.6589	6.3623	11.5176	0.0176		0.2859	0.2859		0.2631	0.2631		1,702.7602	1,702.7602	0.5507		1,716.5279
Total	0.6589	6.3623	11.5176	0.0176		0.2859	0.2859		0.2631	0.2631		1,702.7602	1,702.7602	0.5507		1,716.5279

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	0.0534	1.6737	0.5668	5.7500e-003	0.1537	2.0400e-003	0.1557	0.0442	1.9500e-003	0.0462		616.1791	616.1791	0.0352		617.0587
Worker	0.1266	0.0799	0.9353	3.0000e-003	0.3353	2.5500e-003	0.3379	0.0889	2.3500e-003	0.0913		299.0162	299.0162	7.7000e-003		299.2086
Total	0.1800	1.7537	1.5021	8.7500e-003	0.4890	4.5900e-003	0.4936	0.1332	4.3000e-003	0.1375		915.1953	915.1953	0.0429		916.2673

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	0.6589	6.3623	11.5176	0.0176		0.2859	0.2859		0.2631	0.2631	0.0000	1,702.7602	1,702.7602	0.5507		1,716.5279
Total	0.6589	6.3623	11.5176	0.0176		0.2859	0.2859		0.2631	0.2631	0.0000	1,702.7602	1,702.7602	0.5507		1,716.5279

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	0.0534	1.6737	0.5668	5.7500e-003	0.1438	2.0400e-003	0.1459	0.0418	1.9500e-003	0.0438		616.1791	616.1791	0.0352		617.0587
Worker	0.1266	0.0799	0.9353	3.0000e-003	0.3091	2.5500e-003	0.3116	0.0825	2.3500e-003	0.0848		299.0162	299.0162	7.7000e-003		299.2086
Total	0.1800	1.7537	1.5021	8.7500e-003	0.4529	4.5900e-003	0.4575	0.1243	4.3000e-003	0.1286		915.1953	915.1953	0.0429		916.2673

3.3 Building Demolition Haul - 2023

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					0.3103	0.0000	0.3103	0.0470	0.0000	0.0470			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.3103	0.0000	0.3103	0.0470	0.0000	0.0470		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.9900e-003	0.2646	0.0885	1.0500e-003	0.0244	4.4000e-004	0.0249	6.7000e-003	4.2000e-004	7.1200e-003		114.2776	114.2776	8.1600e-003		114.4817
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0844	0.0533	0.6235	2.0000e-003	0.2236	1.7000e-003	0.2253	0.0593	1.5700e-003	0.0609		199.3441	199.3441	5.1300e-003		199.4724
Total	0.1013	0.5968	0.8065	4.0100e-003	0.2736	2.4800e-003	0.2761	0.0734	2.3200e-003	0.0757		416.3182	416.3182	0.0192		416.7972

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					0.1327	0.0000	0.1327	0.0201	0.0000	0.0201			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.1327	0.0000	0.1327	0.0201	0.0000	0.0201	0.0000	0.0000	0.0000	0.0000		0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	7.9900e-003	0.2646	0.0885	1.0500e-003	0.0228	4.4000e-004	0.0232	6.2900e-003	4.2000e-004	6.7100e-003		114.2776	114.2776	8.1600e-003		114.4817
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0240	3.4000e-004	0.0243	6.9700e-003	3.3000e-004	7.3000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0844	0.0533	0.6235	2.0000e-003	0.2061	1.7000e-003	0.2078	0.0550	1.5700e-003	0.0566		199.3441	199.3441	5.1300e-003		199.4724
Total	0.1013	0.5968	0.8065	4.0100e-003	0.2528	2.4800e-003	0.2553	0.0683	2.3200e-003	0.0706		416.3182	416.3182	0.0192		416.7972

3.4 Site Preparation - 2023

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					5.7996	0.0000	5.7996	2.9537	0.0000	2.9537			0.0000			0.0000
Off-Road	1.1339	12.4250	6.6420	0.0172		0.5074	0.5074		0.4668	0.4668		1,666.0573	1,666.0573	0.5388		1,679.5282
Total	1.1339	12.4250	6.6420	0.0172	5.7996	0.5074	6.3070	2.9537	0.4668	3.4205		1,666.0573	1,666.0573	0.5388		1,679.5282

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	0.0134	0.4184	0.1417	1.4400e-003	0.0384	5.1000e-004	0.0389	0.0111	4.9000e-004	0.0116		154.0448	154.0448	8.8000e-003		154.2647
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		99.6721	99.6721	2.5700e-003		99.7362
Total	0.0555	0.4451	0.4535	2.4400e-003	0.1502	1.3600e-003	0.1516	0.0407	1.2700e-003	0.0420		253.7169	253.7169	0.0114		254.0009

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					2.4793	0.0000	2.4793	1.2627	0.0000	1.2627			0.0000			0.0000
Off-Road	1.1339	12.4250	6.6420	0.0172		0.5074	0.5074		0.4668	0.4668	0.0000	1,666.0573	1,666.0573	0.5388		1,679.5282
Total	1.1339	12.4250	6.6420	0.0172	2.4793	0.5074	2.9867	1.2627	0.4668	1.7295	0.0000	1,666.0573	1,666.0573	0.5388		1,679.5282

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	0.0134	0.4184	0.1417	1.4400e-003	0.0360	5.1000e-004	0.0365	0.0105	4.9000e-004	0.0109		154.0448	154.0448	8.8000e-003		154.2647
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1030	8.5000e-004	0.1039	0.0275	7.8000e-004	0.0283		99.6721	99.6721	2.5700e-003		99.7362
Total	0.0555	0.4451	0.4535	2.4400e-003	0.1390	1.3600e-003	0.1403	0.0380	1.2700e-003	0.0392		253.7169	253.7169	0.0114		254.0009

3.5 Site Preparation Soil Haul - 2023

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					4.9000e-003	0.0000	4.9000e-003	7.4000e-004	0.0000	7.4000e-004			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	4.9000e-003	0.0000	4.9000e-003	7.4000e-004	0.0000	7.4000e-004		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0639	1.7661	0.7130	9.1000e-003	0.2322	3.9000e-003	0.2361	0.0636	3.7300e-003	0.0674		990.8720	990.8720	0.0642		992.4767
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		99.6721	99.6721	2.5700e-003		99.7362
Total	0.1106	1.9322	1.0720	0.0106	0.3567	4.9200e-003	0.3617	0.0970	4.6700e-003	0.1016		1,141.8923	1,141.8923	0.0697		1,143.6345

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					2.0900e-003	0.0000	2.0900e-003	3.2000e-004	0.0000	3.2000e-004			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	2.0900e-003	0.0000	2.0900e-003	3.2000e-004	0.0000	3.2000e-004	0.0000	0.0000	0.0000	0.0000		0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0639	1.7661	0.7130	9.1000e-003	0.2164	3.9000e-003	0.2203	0.0598	3.7300e-003	0.0635		990.8720	990.8720	0.0642		992.4767
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0120	1.7000e-004	0.0122	3.4900e-003	1.6000e-004	3.6500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1030	8.5000e-004	0.1039	0.0275	7.8000e-004	0.0283		99.6721	99.6721	2.5700e-003		99.7362
Total	0.1106	1.9322	1.0720	0.0106	0.3314	4.9200e-003	0.3363	0.0907	4.6700e-003	0.0954		1,141.8923	1,141.8923	0.0697		1,143.6345

3.6 Rough Grading - 2023

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					4.9143	0.0000	4.9143	2.5256	0.0000	2.5256			0.0000			0.0000
Off-Road	0.9335	10.1789	5.5516	0.0141		0.4201	0.4201		0.3865	0.3865		1,364.7713	1,364.7713	0.4414		1,375.8062
Total	0.9335	10.1789	5.5516	0.0141	4.9143	0.4201	5.3343	2.5256	0.3865	2.9121		1,364.7713	1,364.7713	0.4414		1,375.8062

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	0.0134	0.4184	0.1417	1.4400e-003	0.0384	5.1000e-004	0.0389	0.0111	4.9000e-004	0.0116		154.0448	154.0448	8.8000e-003		154.2647
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		99.6721	99.6721	2.5700e-003		99.7362
Total	0.0555	0.4451	0.4535	2.4400e-003	0.1502	1.3600e-003	0.1516	0.0407	1.2700e-003	0.0420		253.7169	253.7169	0.0114		254.0009

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					2.1008	0.0000	2.1008	1.0797	0.0000	1.0797			0.0000			0.0000
Off-Road	0.9335	10.1789	5.5516	0.0141		0.4201	0.4201		0.3865	0.3865	0.0000	1,364.7713	1,364.7713	0.4414		1,375.8062
Total	0.9335	10.1789	5.5516	0.0141	2.1008	0.4201	2.5209	1.0797	0.3865	1.4662	0.0000	1,364.7713	1,364.7713	0.4414		1,375.8062

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	0.0134	0.4184	0.1417	1.4400e-003	0.0360	5.1000e-004	0.0365	0.0105	4.9000e-004	0.0109		154.0448	154.0448	8.8000e-003		154.2647
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1030	8.5000e-004	0.1039	0.0275	7.8000e-004	0.0283		99.6721	99.6721	2.5700e-003		99.7362
Total	0.0555	0.4451	0.4535	2.4400e-003	0.1390	1.3600e-003	0.1403	0.0380	1.2700e-003	0.0392		253.7169	253.7169	0.0114		254.0009

3.7 Geopiers/Foundation - 2023

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	0.8057	8.0356	7.7140	0.0154		0.3621	0.3621		0.3434	0.3434		1,478.5465	1,478.5465	0.3041		1,486.1489
Total	0.8057	8.0356	7.7140	0.0154		0.3621	0.3621		0.3434	0.3434		1,478.5465	1,478.5465	0.3041		1,486.1489

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	0.0979	3.0685	1.0391	0.0106	0.2817	3.7400e-003	0.2855	0.0811	3.5800e-003	0.0847		1,129.6618	1,129.6618	0.0645		1,131.2744
Worker	0.0844	0.0533	0.6235	2.0000e-003	0.2236	1.7000e-003	0.2253	0.0593	1.5700e-003	0.0609		199.3441	199.3441	5.1300e-003		199.4724
Total	0.1823	3.1218	1.6626	0.0126	0.5053	5.4400e-003	0.5107	0.1404	5.1500e-003	0.1455		1,329.0059	1,329.0059	0.0696		1,330.7467

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	0.8057	8.0356	7.7140	0.0154		0.3621	0.3621		0.3434	0.3434	0.0000	1,478.5465	1,478.5465	0.3041		1,486.1489
Total	0.8057	8.0356	7.7140	0.0154		0.3621	0.3621		0.3434	0.3434	0.0000	1,478.5465	1,478.5465	0.3041		1,486.1489

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	0.0979	3.0685	1.0391	0.0106	0.2636	3.7400e-003	0.2674	0.0767	3.5800e-003	0.0803		1,129.6618	1,129.6618	0.0645		1,131.2744
Worker	0.0844	0.0533	0.6235	2.0000e-003	0.2061	1.7000e-003	0.2078	0.0550	1.5700e-003	0.0566		199.3441	199.3441	5.1300e-003		199.4724
Total	0.1823	3.1218	1.6626	0.0126	0.4697	5.4400e-003	0.4752	0.1317	5.1500e-003	0.1368		1,329.0059	1,329.0059	0.0696		1,330.7467

3.8 Utility Trenching - 2023

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	0.5380	4.8057	5.8791	8.5900e-003		0.3016	0.3016		0.2775	0.2775		831.4420	831.4420	0.2689		838.1647
Total	0.5380	4.8057	5.8791	8.5900e-003		0.3016	0.3016		0.2775	0.2775		831.4420	831.4420	0.2689		838.1647

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	0.0223	0.6974	0.2362	2.4000e-003	0.0640	8.5000e-004	0.0649	0.0184	8.1000e-004	0.0193		256.7413	256.7413	0.0147		257.1078
Worker	0.1688	0.1066	1.2471	4.0000e-003	0.4471	3.4000e-003	0.4505	0.1186	3.1300e-003	0.1217		398.6882	398.6882	0.0103		398.9447
Total	0.1910	0.8040	1.4832	6.4000e-003	0.5111	4.2500e-003	0.5154	0.1370	3.9400e-003	0.1410		655.4295	655.4295	0.0249		656.0525

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	0.5380	4.8057	5.8791	8.5900e-003		0.3016	0.3016		0.2775	0.2775	0.0000	831.4420	831.4420	0.2689		838.1647
Total	0.5380	4.8057	5.8791	8.5900e-003		0.3016	0.3016		0.2775	0.2775	0.0000	831.4420	831.4420	0.2689		838.1647

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	0.0223	0.6974	0.2362	2.4000e-003	0.0599	8.5000e-004	0.0608	0.0174	8.1000e-004	0.0182		256.7413	256.7413	0.0147		257.1078
Worker	0.1688	0.1066	1.2471	4.0000e-003	0.4121	3.4000e-003	0.4155	0.1100	3.1300e-003	0.1131		398.6882	398.6882	0.0103		398.9447
Total	0.1910	0.8040	1.4832	6.4000e-003	0.4720	4.2500e-003	0.4763	0.1274	3.9400e-003	0.1314		655.4295	655.4295	0.0249		656.0525

3.9 Building Construction - 2023

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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858

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	0.0890	2.7896	0.9446	9.5900e-003	0.2561	3.4000e-003	0.2595	0.0737	3.2500e-003	0.0770		1,026.9652	1,026.9652	0.0586		1,028.4312
Worker	0.4219	0.2664	3.1177	0.0100	1.1178	8.5000e-003	1.1263	0.2964	7.8300e-003	0.3043		996.7206	996.7206	0.0257		997.3618
Total	0.5109	3.0560	4.0623	0.0196	1.3739	0.0119	1.3858	0.3702	0.0111	0.3813		2,023.6858	2,023.6858	0.0843		2,025.7931

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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

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	0.0890	2.7896	0.9446	9.5900e-003	0.2397	3.4000e-003	0.2431	0.0697	3.2500e-003	0.0730		1,026.9652	1,026.9652	0.0586		1,028.4312
Worker	0.4219	0.2664	3.1177	0.0100	1.0303	8.5000e-003	1.0388	0.2750	7.8300e-003	0.2828		996.7206	996.7206	0.0257		997.3618
Total	0.5109	3.0560	4.0623	0.0196	1.2700	0.0119	1.2819	0.3447	0.0111	0.3558		2,023.6858	2,023.6858	0.0843		2,025.7931

3.9 Building Construction - 2024

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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.9214	2,001.9214	0.3334		2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.9214	2,001.9214	0.3334		2,010.2563

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	0.0868	2.7795	0.9160	9.5500e-003	0.2561	3.3500e-003	0.2595	0.0737	3.2000e-003	0.0769		1,022.9823	1,022.9823	0.0578		1,024.4261
Worker	0.4004	0.2429	2.9024	9.6900e-003	1.1178	8.3800e-003	1.1261	0.2964	7.7100e-003	0.3042		965.8038	965.8038	0.0235		966.3914
Total	0.4872	3.0224	3.8184	0.0192	1.3739	0.0117	1.3856	0.3702	0.0109	0.3811		1,988.7861	1,988.7861	0.0813		1,990.8174

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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.9214	2,001.9214	0.3334		2,010.2563

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	0.0868	2.7795	0.9160	9.5500e-003	0.2397	3.3500e-003	0.2430	0.0697	3.2000e-003	0.0729		1,022.9823	1,022.9823	0.0578		1,024.4261
Worker	0.4004	0.2429	2.9024	9.6900e-003	1.0303	8.3800e-003	1.0387	0.2750	7.7100e-003	0.2827		965.8038	965.8038	0.0235		966.3914
Total	0.4872	3.0224	3.8184	0.0192	1.2700	0.0117	1.2817	0.3447	0.0109	0.3556		1,988.7861	1,988.7861	0.0813		1,990.8174

3.10 Architectural Coating - 2024

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	18.5446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	18.7254	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

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	0.0217	0.6949	0.2290	2.3900e-003	0.0640	8.4000e-004	0.0649	0.0184	8.0000e-004	0.0192		255.7456	255.7456	0.0144		256.1065
Worker	0.1201	0.0729	0.8707	2.9100e-003	0.3353	2.5100e-003	0.3378	0.0889	2.3100e-003	0.0912		289.7411	289.7411	7.0500e-003		289.9174
Total	0.1418	0.7677	1.0997	5.3000e-003	0.3994	3.3500e-003	0.4027	0.1074	3.1100e-003	0.1105		545.4867	545.4867	0.0215		546.0239

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	18.5446					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	18.7254	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443

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	0.0217	0.6949	0.2290	2.3900e-003	0.0599	8.4000e-004	0.0608	0.0174	8.0000e-004	0.0182		255.7456	255.7456	0.0144		256.1065
Worker	0.1201	0.0729	0.8707	2.9100e-003	0.3091	2.5100e-003	0.3116	0.0825	2.3100e-003	0.0848		289.7411	289.7411	7.0500e-003		289.9174
Total	0.1418	0.7677	1.0997	5.3000e-003	0.3690	3.3500e-003	0.3724	0.0999	3.1100e-003	0.1030		545.4867	545.4867	0.0215		546.0239

3.11 Asphalt Demolition - 2024

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	0.5200	4.4606	9.1118	0.0140		0.2113	0.2113		0.1944	0.1944		1,352.4393	1,352.4393	0.4374		1,363.3745
Total	0.5200	4.4606	9.1118	0.0140		0.2113	0.2113		0.1944	0.1944		1,352.4393	1,352.4393	0.4374		1,363.3745

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	0.0304	0.9728	0.3206	3.3400e-003	0.0896	1.1700e-003	0.0908	0.0258	1.1200e-003	0.0269		358.0438	358.0438	0.0202		358.5491
Worker	0.0801	0.0486	0.5805	1.9400e-003	0.2236	1.6800e-003	0.2252	0.0593	1.5400e-003	0.0608		193.1608	193.1608	4.7000e-003		193.2783
Total	0.1105	1.0214	0.9011	5.2800e-003	0.3132	2.8500e-003	0.3160	0.0851	2.6600e-003	0.0878		551.2046	551.2046	0.0249		551.8274

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	0.5200	4.4606	9.1118	0.0140		0.2113	0.2113		0.1944	0.1944	0.0000	1,352.4393	1,352.4393	0.4374		1,363.3745
Total	0.5200	4.4606	9.1118	0.0140		0.2113	0.2113		0.1944	0.1944	0.0000	1,352.4393	1,352.4393	0.4374		1,363.3745

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	0.0304	0.9728	0.3206	3.3400e-003	0.0839	1.1700e-003	0.0851	0.0244	1.1200e-003	0.0255		358.0438	358.0438	0.0202		358.5491
Worker	0.0801	0.0486	0.5805	1.9400e-003	0.2061	1.6800e-003	0.2077	0.0550	1.5400e-003	0.0565		193.1608	193.1608	4.7000e-003		193.2783
Total	0.1105	1.0214	0.9011	5.2800e-003	0.2900	2.8500e-003	0.2928	0.0794	2.6600e-003	0.0821		551.2046	551.2046	0.0249		551.8274

3.12 Asphalt Demolition Haul - 2024

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					3.6764	0.0000	3.6764	0.5566	0.0000	0.5566			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	3.6764	0.0000	3.6764	0.5566	0.0000	0.5566		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1667	4.5544	1.8727	0.0235	0.6024	0.0100	0.6124	0.1651	9.6000e-003	0.1747		2,560.4610	2,560.4610	0.1671		2,564.6379
Vendor	8.6800e-003	0.2780	0.0916	9.5000e-004	0.0256	3.3000e-004	0.0259	7.3700e-003	3.2000e-004	7.6900e-003		102.2982	102.2982	5.7800e-003		102.4426
Worker	0.0801	0.0486	0.5805	1.9400e-003	0.2236	1.6800e-003	0.2252	0.0593	1.5400e-003	0.0608		193.1608	193.1608	4.7000e-003		193.2783
Total	0.2554	4.8809	2.5448	0.0264	0.8515	0.0120	0.8636	0.2318	0.0115	0.2432		2,855.9200	2,855.9200	0.1776		2,860.3588

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					1.5716	0.0000	1.5716	0.2380	0.0000	0.2380			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	1.5716	0.0000	1.5716	0.2380	0.0000	0.2380	0.0000	0.0000	0.0000	0.0000		0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1667	4.5544	1.8727	0.0235	0.5614	0.0100	0.5714	0.1550	9.6000e-003	0.1646		2,560.4610	2,560.4610	0.1671		2,564.6379
Vendor	8.6800e-003	0.2780	0.0916	9.5000e-004	0.0240	3.3000e-004	0.0243	6.9700e-003	3.2000e-004	7.2900e-003		102.2982	102.2982	5.7800e-003		102.4426
Worker	0.0801	0.0486	0.5805	1.9400e-003	0.2061	1.6800e-003	0.2077	0.0550	1.5400e-003	0.0565		193.1608	193.1608	4.7000e-003		193.2783
Total	0.2554	4.8809	2.5448	0.0264	0.7914	0.0120	0.8034	0.2170	0.0115	0.2285		2,855.9200	2,855.9200	0.1776		2,860.3588

3.13 Paving - 2024

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	0.6180	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594		1,297.8688	1,297.8688	0.4114		1,308.1547
Paving	0.0249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6429	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594		1,297.8688	1,297.8688	0.4114		1,308.1547

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	0.0217	0.6949	0.2290	2.3900e-003	0.0640	8.4000e-004	0.0649	0.0184	8.0000e-004	0.0192		255.7456	255.7456	0.0144		256.1065
Worker	0.0801	0.0486	0.5805	1.9400e-003	0.2236	1.6800e-003	0.2252	0.0593	1.5400e-003	0.0608		193.1608	193.1608	4.7000e-003		193.2783
Total	0.1018	0.7435	0.8095	4.3300e-003	0.2876	2.5200e-003	0.2901	0.0777	2.3400e-003	0.0801		448.9063	448.9063	0.0191		449.3848

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	0.6180	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594	0.0000	1,297.8688	1,297.8688	0.4114		1,308.1547
Paving	0.0249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6429	5.8607	8.8253	0.0136		0.2810	0.2810		0.2594	0.2594	0.0000	1,297.8688	1,297.8688	0.4114		1,308.1547

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	0.0217	0.6949	0.2290	2.3900e-003	0.0599	8.4000e-004	0.0608	0.0174	8.0000e-004	0.0182		255.7456	255.7456	0.0144		256.1065
Worker	0.0801	0.0486	0.5805	1.9400e-003	0.2061	1.6800e-003	0.2077	0.0550	1.5400e-003	0.0565		193.1608	193.1608	4.7000e-003		193.2783
Total	0.1018	0.7435	0.8095	4.3300e-003	0.2660	2.5200e-003	0.2685	0.0724	2.3400e-003	0.0748		448.9063	448.9063	0.0191		449.3848

3.14 Fine Grading - 2024

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					4.9153	0.0000	4.9153	2.5257	0.0000	2.5257			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681		1,364.6623	1,364.6623	0.4414		1,375.6962
Total	0.9132	9.7297	5.5468	0.0141	4.9153	0.4001	5.3154	2.5257	0.3681	2.8938		1,364.6623	1,364.6623	0.4414		1,375.6962

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	0.0130	0.4169	0.1374	1.4300e-003	0.0384	5.0000e-004	0.0389	0.0111	4.8000e-004	0.0115		153.4473	153.4473	8.6600e-003		153.6639
Worker	0.0400	0.0243	0.2902	9.7000e-004	0.1118	8.4000e-004	0.1126	0.0296	7.7000e-004	0.0304		96.5804	96.5804	2.3500e-003		96.6391
Total	0.0531	0.4412	0.4276	2.4000e-003	0.1502	1.3400e-003	0.1515	0.0407	1.2500e-003	0.0420		250.0277	250.0277	0.0110		250.3030

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					2.1013	0.0000	2.1013	1.0798	0.0000	1.0798			0.0000			0.0000
Off-Road	0.9132	9.7297	5.5468	0.0141		0.4001	0.4001		0.3681	0.3681	0.0000	1,364.6623	1,364.6623	0.4414		1,375.6962
Total	0.9132	9.7297	5.5468	0.0141	2.1013	0.4001	2.5014	1.0798	0.3681	1.4479	0.0000	1,364.6623	1,364.6623	0.4414		1,375.6962

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	0.0130	0.4169	0.1374	1.4300e-003	0.0360	5.0000e-004	0.0365	0.0105	4.8000e-004	0.0109		153.4473	153.4473	8.6600e-003		153.6639
Worker	0.0400	0.0243	0.2902	9.7000e-004	0.1030	8.4000e-004	0.1039	0.0275	7.7000e-004	0.0283		96.5804	96.5804	2.3500e-003		96.6391
Total	0.0531	0.4412	0.4276	2.4000e-003	0.1390	1.3400e-003	0.1403	0.0380	1.2500e-003	0.0392		250.0277	250.0277	0.0110		250.3030

3.15 Finishing/Landscaping - 2024

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	0.0947	0.8879	1.1450	1.5400e-003		0.0513	0.0513		0.0472	0.0472		148.7710	148.7710	0.0481		149.9739
Total	0.0947	0.8879	1.1450	1.5400e-003		0.0513	0.0513		0.0472	0.0472		148.7710	148.7710	0.0481		149.9739

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	0.0434	1.3898	0.4580	4.7700e-003	0.1281	1.6700e-003	0.1297	0.0369	1.6000e-003	0.0385		511.4911	511.4911	0.0289		512.2130
Worker	0.1602	0.0972	1.1610	3.8700e-003	0.4471	3.3500e-003	0.4505	0.1186	3.0900e-003	0.1217		386.3215	386.3215	9.4000e-003		386.5565
Total	0.2036	1.4869	1.6190	8.6400e-003	0.5752	5.0200e-003	0.5802	0.1554	4.6900e-003	0.1601		897.8127	897.8127	0.0383		898.7696

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	0.0947	0.8879	1.1450	1.5400e-003		0.0513	0.0513		0.0472	0.0472	0.0000	148.7710	148.7710	0.0481		149.9739
Total	0.0947	0.8879	1.1450	1.5400e-003		0.0513	0.0513		0.0472	0.0472	0.0000	148.7710	148.7710	0.0481		149.9739

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	0.0434	1.3898	0.4580	4.7700e-003	0.1198	1.6700e-003	0.1215	0.0349	1.6000e-003	0.0365		511.4911	511.4911	0.0289		512.2130
Worker	0.1602	0.0972	1.1610	3.8700e-003	0.4121	3.3500e-003	0.4155	0.1100	3.0900e-003	0.1131		386.3215	386.3215	9.4000e-003		386.5565
Total	0.2036	1.4869	1.6190	8.6400e-003	0.5320	5.0200e-003	0.5370	0.1448	4.6900e-003	0.1495		897.8127	897.8127	0.0383		898.7696

Construction - Los Angeles-South Coast County, Annual

Construction
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	100.00	Dwelling Unit	0.93	196,000.00	286
Enclosed Parking with Elevator	80.00	Space	0.00	32,000.00	0
Other Asphalt Surfaces	8.27	1000sqft	0.19	8,266.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2025
Utility Company					
CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See assumptions file.

Construction Phase - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment -

Off-road Equipment - See assumptions file.

Off-road Equipment -

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment - See assumptions file.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - See assumptions file.

Grading -

Demolition -

Trips and VMT - See assumptions file.

Architectural Coating - See assumptions file.

Construction Off-road Equipment Mitigation - Based on South Coast Rule 403 and Rule 1186.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	2,416.00	1,920.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	132,300.00	119,070.00
tblArchitecturalCoating	ConstArea_Residential_Interior	396,900.00	357,210.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	200.00	160.00

tblConstructionPhase	NumDays	20.00	60.00
tblConstructionPhase	NumDays	4.00	10.00
tblConstructionPhase	NumDays	10.00	20.00
tblConstructionPhase	NumDays	2.00	5.00
tblConstructionPhase	NumDays	20.00	40.00
tblConstructionPhase	NumDays	2.00	10.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	20.00	5.00
tblConstructionPhase	NumDays	4.00	5.00
tblConstructionPhase	PhaseEndDate	2/7/2024	8/23/2024
tblConstructionPhase	PhaseEndDate	1/10/2024	5/24/2024
tblConstructionPhase	PhaseEndDate	3/28/2023	5/23/2023
tblConstructionPhase	PhaseEndDate	4/5/2023	6/22/2023
tblConstructionPhase	PhaseEndDate	1/24/2024	9/20/2024
tblConstructionPhase	PhaseEndDate	3/30/2023	6/7/2023
tblConstructionPhase	PhaseStartDate	1/25/2024	6/1/2024
tblConstructionPhase	PhaseStartDate	4/6/2023	10/15/2023
tblConstructionPhase	PhaseStartDate	3/31/2023	6/9/2023
tblConstructionPhase	PhaseStartDate	1/11/2024	8/24/2024
tblConstructionPhase	PhaseStartDate	3/29/2023	6/1/2023
tblGrading	MaterialExported	0.00	433.00
tblLandUse	LandUseSquareFeet	100,000.00	196,000.00
tblLandUse	LotAcreage	2.63	0.93
tblLandUse	LotAcreage	0.72	0.00
tblOffRoadEquipment	LoadFactor	0.29	0.29
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.38	0.38

tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.20	0.20
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Tractors/Loaders/Backhoes
tblOffRoadEquipment	OffRoadEquipmentType		Generator Sets
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Forklifts
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

tblTripsAndVMT	HaulingTripLength	20.00	35.90
tblTripsAndVMT	HaulingTripLength	20.00	15.10
tblTripsAndVMT	HaulingTripLength	20.00	35.90
tblTripsAndVMT	HaulingTripNumber	85.00	96.00
tblTripsAndVMT	HaulingTripNumber	57.00	74.00
tblTripsAndVMT	HaulingTripNumber	54.00	74.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	17.00	40.00
tblTripsAndVMT	VendorTripNumber	0.00	24.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	14.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	44.00
tblTripsAndVMT	WorkerTripNumber	18.00	30.00
tblTripsAndVMT	WorkerTripNumber	89.00	100.00
tblTripsAndVMT	WorkerTripNumber	13.00	30.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	20.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	20.00

tblTripsAndVMT	WorkerTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	0.00	20.00
tblTripsAndVMT	WorkerTripNumber	8.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	40.00
tblTripsAndVMT	WorkerTripNumber	3.00	40.00
tblTripsAndVMT	WorkerTripNumber	8.00	20.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.1404	1.2641	1.4224	3.5100e-003	0.1349	0.0468	0.1818	0.0453	0.0441	0.0894	0.0000	315.2786	315.2786	0.0487	0.0000	316.4973
2024	0.6810	0.9679	1.1461	2.9800e-003	0.1213	0.0317	0.1531	0.0347	0.0304	0.0651	0.0000	264.0631	264.0631	0.0286	0.0000	264.7787
Maximum	0.6810	1.2641	1.4224	3.5100e-003	0.1349	0.0468	0.1818	0.0453	0.0441	0.0894	0.0000	315.2786	315.2786	0.0487	0.0000	316.4973

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					
2023	0.1404	1.2641	1.4224	3.5100e-003	0.1023	0.0468	0.1492	0.0317	0.0441	0.0757	0.0000	315.2784	315.2784	0.0487	0.0000	316.4971
2024	0.6810	0.9679	1.1461	2.9800e-003	0.1015	0.0317	0.1332	0.0284	0.0304	0.0588	0.0000	264.0630	264.0630	0.0286	0.0000	264.7786
Maximum	0.6810	1.2641	1.4224	3.5100e-003	0.1023	0.0468	0.1492	0.0317	0.0441	0.0757	0.0000	315.2784	315.2784	0.0487	0.0000	316.4971

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	20.45	0.00	15.65	24.87	0.00	12.87	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	3-1-2023	5-31-2023	0.3027	0.3027
2	6-1-2023	8-31-2023	0.4469	0.4469
3	9-1-2023	11-30-2023	0.4971	0.4971
4	12-1-2023	2-29-2024	0.5287	0.5287
5	3-1-2024	5-31-2024	0.4844	0.4844
6	6-1-2024	8-31-2024	0.6749	0.6749
7	9-1-2024	9-30-2024	0.0723	0.0723
		Highest	0.6749	0.6749

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Demolition	Demolition	3/1/2023	5/23/2023	5	60	
2	Building Demolition Haul	Demolition	4/1/2023	5/26/2023	5	40	
3	Site Preparation	Site Preparation	6/1/2023	6/7/2023	5	5	
4	Site Preparation Soil Haul	Site Preparation	6/1/2023	6/14/2023	5	10	
5	Rough Grading	Grading	6/9/2023	6/22/2023	5	10	
6	Geopiers/Foundation	Trenching	7/1/2023	9/22/2023	5	60	
7	Utility Trenching	Trenching	8/1/2023	10/23/2023	5	60	
8	Building Construction	Building Construction	10/15/2023	5/24/2024	5	160	
9	Architectural Coating	Architectural Coating	6/1/2024	8/23/2024	5	60	
10	Asphalt Demolition	Demolition	7/1/2024	7/5/2024	5	5	
11	Asphalt Demolition Haul	Demolition	7/1/2024	7/5/2024	5	5	
12	Paving	Paving	8/24/2024	9/20/2024	5	20	
13	Fine Grading	Grading	9/23/2024	9/27/2024	5	5	
14	Finishing/Landscaping	Trenching	10/1/2024	11/25/2024	5	40	

Acres of Grading (Site Preparation Phase): 2.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.19

Residential Indoor: 357,210; Residential Outdoor: 119,070; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Building Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Building Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Rough Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Rough Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Rough Grading	Graders	1	6.00	187	0.41
Paving	Paving Equipment	1	8.00	132	0.36
Site Preparation	Rubber Tired Dozers	1	7.00	247	0.40
Building Construction	Welders	3	8.00	46	0.45
Asphalt Demolition	Concrete/Industrial Saws	0	8.00	81	0.73
Asphalt Demolition Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Building Demolition Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Fine Grading	Graders	1	6.00	187	0.41
Site Preparation Soil Haul	Graders	0	8.00	187	0.41

Asphalt Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Asphalt Demolition Haul	Rubber Tired Dozers	0	8.00	247	0.40
Building Demolition Haul	Rubber Tired Dozers	0	8.00	247	0.40
Fine Grading	Rubber Tired Dozers	1	6.00	247	0.40
Site Preparation Soil Haul	Rubber Tired Dozers	0	7.00	247	0.40
Asphalt Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Asphalt Demolition Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Demolition Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Fine Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation Soil Haul	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Building Demolition	Excavators	2	8.00	158	0.38
Building Demolition	Skid Steer Loaders	2	8.00	65	0.37
Geopiers/Foundation	Cranes	1	8.00	231	0.29
Geopiers/Foundation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Geopiers/Foundation	Generator Sets	1	8.00	84	0.74
Utility Trenching	Excavators	1	8.00	158	0.38
Utility Trenching	Trenchers	1	8.00	78	0.50
Asphalt Demolition	Excavators	2	8.00	158	0.38
Asphalt Demolition	Skid Steer Loaders	2	1.00	65	0.37
Finishing/Landscaping	Forklifts	1	8.00	89	0.20

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
Architectural Coating	1	30.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	100.00	40.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Demolition	5	30.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Rough Grading	3	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	20.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	3	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Asphalt Demolition	5	20.00	14.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Asphalt Demolition Haul	0	20.00	4.00	96.00	14.70	6.90	35.90	LD_Mix	HDT_Mix	HHDT
Building Demolition Haul	0	20.00	4.00	74.00	14.70	6.90	15.10	LD_Mix	HDT_Mix	HHDT
Fine Grading	3	10.00	6.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation Soil Haul	0	10.00	2.00	74.00	14.70	6.90	35.90	LD_Mix	HDT_Mix	HHDT
Utility Trenching	2	40.00	10.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finishing/Landscaping	1	40.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Geopiers/Foundation	3	20.00	44.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Building Demolition - 2023

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	0.0198	0.1909	0.3455	5.3000e-004		8.5800e-003	8.5800e-003		7.8900e-003	7.8900e-003	0.0000	46.3415	46.3415	0.0150	0.0000	46.7162
Total	0.0198	0.1909	0.3455	5.3000e-004		8.5800e-003	8.5800e-003		7.8900e-003	7.8900e-003	0.0000	46.3415	46.3415	0.0150	0.0000	46.7162

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5600e-003	0.0510	0.0164	1.8000e-004	4.5400e-003	6.0000e-005	4.6000e-003	1.3100e-003	6.0000e-005	1.3700e-003	0.0000	17.0411	17.0411	9.3000e-004	0.0000	17.0644
Worker	3.4100e-003	2.4600e-003	0.0288	9.0000e-005	9.8600e-003	8.0000e-005	9.9400e-003	2.6200e-003	7.0000e-005	2.6900e-003	0.0000	8.2732	8.2732	2.1000e-004	0.0000	8.2785
Total	4.9700e-003	0.0535	0.0452	2.7000e-004	0.0144	1.4000e-004	0.0145	3.9300e-003	1.3000e-004	4.0600e-003	0.0000	25.3143	25.3143	1.1400e-003	0.0000	25.3428

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	0.0198	0.1909	0.3455	5.3000e-004		8.5800e-003	8.5800e-003		7.8900e-003	7.8900e-003	0.0000	46.3415	46.3415	0.0150	0.0000	46.7162
Total	0.0198	0.1909	0.3455	5.3000e-004		8.5800e-003	8.5800e-003		7.8900e-003	7.8900e-003	0.0000	46.3415	46.3415	0.0150	0.0000	46.7162

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.5600e-003	0.0510	0.0164	1.8000e-004	4.2500e-003	6.0000e-005	4.3100e-003	1.2400e-003	6.0000e-005	1.3000e-003	0.0000	17.0411	17.0411	9.3000e-004	0.0000	17.0644
Worker	3.4100e-003	2.4600e-003	0.0288	9.0000e-005	9.0900e-003	8.0000e-005	9.1700e-003	2.4300e-003	7.0000e-005	2.5000e-003	0.0000	8.2732	8.2732	2.1000e-004	0.0000	8.2785
Total	4.9700e-003	0.0535	0.0452	2.7000e-004	0.0133	1.4000e-004	0.0135	3.6700e-003	1.3000e-004	3.8000e-003	0.0000	25.3143	25.3143	1.1400e-003	0.0000	25.3428

3.3 Building Demolition Haul - 2023

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					6.2100e-003	0.0000	6.2100e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	6.2100e-003	0.0000	6.2100e-003	9.4000e-004	0.0000	9.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3900e-003	1.7200e-003	2.0000e-005	4.8000e-004	1.0000e-005	4.9000e-004	1.3000e-004	1.0000e-005	1.4000e-004	0.0000	2.1005	2.1005	1.5000e-004	0.0000	2.1042
Vendor	1.7000e-004	5.6700e-003	1.8200e-003	2.0000e-005	5.0000e-004	1.0000e-005	5.1000e-004	1.5000e-004	1.0000e-005	1.5000e-004	0.0000	1.8935	1.8935	1.0000e-004	0.0000	1.8960
Worker	1.5200e-003	1.0900e-003	0.0128	4.0000e-005	4.3800e-003	3.0000e-005	4.4200e-003	1.1600e-003	3.0000e-005	1.2000e-003	0.0000	3.6770	3.6770	9.0000e-005	0.0000	3.6793
Total	1.8500e-003	0.0122	0.0164	8.0000e-005	5.3600e-003	5.0000e-005	5.4200e-003	1.4400e-003	5.0000e-005	1.4900e-003	0.0000	7.6710	7.6710	3.4000e-004	0.0000	7.6795

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					2.6500e-003	0.0000	2.6500e-003	4.0000e-004	0.0000	4.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	2.6500e-003	0.0000	2.6500e-003	4.0000e-004	0.0000	4.0000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3900e-003	1.7200e-003	2.0000e-005	4.5000e-004	1.0000e-005	4.6000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	2.1005	2.1005	1.5000e-004	0.0000	2.1042
Vendor	1.7000e-004	5.6700e-003	1.8200e-003	2.0000e-005	4.7000e-004	1.0000e-005	4.8000e-004	1.4000e-004	1.0000e-005	1.4000e-004	0.0000	1.8935	1.8935	1.0000e-004	0.0000	1.8960
Worker	1.5200e-003	1.0900e-003	0.0128	4.0000e-005	4.0400e-003	3.0000e-005	4.0800e-003	1.0800e-003	3.0000e-005	1.1100e-003	0.0000	3.6770	3.6770	9.0000e-005	0.0000	3.6793
Total	1.8500e-003	0.0122	0.0164	8.0000e-005	4.9600e-003	5.0000e-005	5.0200e-003	1.3400e-003	5.0000e-005	1.3800e-003	0.0000	7.6710	7.6710	3.4000e-004	0.0000	7.6795

3.4 Site Preparation - 2023

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					0.0145	0.0000	0.0145	7.3800e-003	0.0000	7.3800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8300e-003	0.0311	0.0166	4.0000e-005		1.2700e-003	1.2700e-003		1.1700e-003	1.1700e-003	0.0000	3.7786	3.7786	1.2200e-003	0.0000	3.8091
Total	2.8300e-003	0.0311	0.0166	4.0000e-005	0.0145	1.2700e-003	0.0158	7.3800e-003	1.1700e-003	8.5500e-003	0.0000	3.7786	3.7786	1.2200e-003	0.0000	3.8091

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	3.0000e-005	1.0600e-003	3.4000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3550	0.3550	2.0000e-005	0.0000	0.3555
Worker	9.0000e-005	7.0000e-005	8.0000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2298	0.2298	1.0000e-005	0.0000	0.2300
Total	1.2000e-004	1.1300e-003	1.1400e-003	0.0000	3.6000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.5848	0.5848	3.0000e-005	0.0000	0.5855

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					6.2000e-003	0.0000	6.2000e-003	3.1600e-003	0.0000	3.1600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.8300e-003	0.0311	0.0166	4.0000e-005		1.2700e-003	1.2700e-003		1.1700e-003	1.1700e-003	0.0000	3.7786	3.7786	1.2200e-003	0.0000	3.8091
Total	2.8300e-003	0.0311	0.0166	4.0000e-005	6.2000e-003	1.2700e-003	7.4700e-003	3.1600e-003	1.1700e-003	4.3300e-003	0.0000	3.7786	3.7786	1.2200e-003	0.0000	3.8091

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	3.0000e-005	1.0600e-003	3.4000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3550	0.3550	2.0000e-005	0.0000	0.3555
Worker	9.0000e-005	7.0000e-005	8.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2298	0.2298	1.0000e-005	0.0000	0.2300
Total	1.2000e-004	1.1300e-003	1.1400e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.5848	0.5848	3.0000e-005	0.0000	0.5855

3.5 Site Preparation Soil Haul - 2023

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					2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.2000e-004	8.9900e-003	3.5200e-003	5.0000e-005	1.1400e-003	2.0000e-005	1.1600e-003	3.1000e-004	2.0000e-005	3.3000e-004	0.0000	4.5216	4.5216	2.9000e-004	0.0000	4.5288
Vendor	2.0000e-005	7.1000e-004	2.3000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2367	0.2367	1.0000e-005	0.0000	0.2370
Worker	1.9000e-004	1.4000e-004	1.6000e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4596	0.4596	1.0000e-005	0.0000	0.4599
Total	5.3000e-004	9.8400e-003	5.3500e-003	6.0000e-005	1.7500e-003	2.0000e-005	1.7700e-003	4.8000e-004	2.0000e-005	5.0000e-004	0.0000	5.2179	5.2179	3.1000e-004	0.0000	5.2258

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					1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.2000e-004	8.9900e-003	3.5200e-003	5.0000e-005	1.0600e-003	2.0000e-005	1.0800e-003	2.9000e-004	2.0000e-005	3.1000e-004	0.0000	4.5216	4.5216	2.9000e-004	0.0000	4.5288
Vendor	2.0000e-005	7.1000e-004	2.3000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2367	0.2367	1.0000e-005	0.0000	0.2370
Worker	1.9000e-004	1.4000e-004	1.6000e-003	1.0000e-005	5.1000e-004	0.0000	5.1000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4596	0.4596	1.0000e-005	0.0000	0.4599
Total	5.3000e-004	9.8400e-003	5.3500e-003	6.0000e-005	1.6300e-003	2.0000e-005	1.6500e-003	4.5000e-004	2.0000e-005	4.7000e-004	0.0000	5.2179	5.2179	3.1000e-004	0.0000	5.2258

3.6 Rough Grading - 2023

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					0.0246	0.0000	0.0246	0.0126	0.0000	0.0126	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6700e-003	0.0509	0.0278	7.0000e-005		2.1000e-003	2.1000e-003		1.9300e-003	1.9300e-003	0.0000	6.1905	6.1905	2.0000e-003	0.0000	6.2406
Total	4.6700e-003	0.0509	0.0278	7.0000e-005	0.0246	2.1000e-003	0.0267	0.0126	1.9300e-003	0.0146	0.0000	6.1905	6.1905	2.0000e-003	0.0000	6.2406

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	6.0000e-005	2.1300e-003	6.8000e-004	1.0000e-005	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	6.0000e-005	0.0000	0.7101	0.7101	4.0000e-005	0.0000	0.7110
Worker	1.9000e-004	1.4000e-004	1.6000e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4596	0.4596	1.0000e-005	0.0000	0.4599
Total	2.5000e-004	2.2700e-003	2.2800e-003	2.0000e-005	7.4000e-004	0.0000	7.4000e-004	2.0000e-004	0.0000	2.1000e-004	0.0000	1.1697	1.1697	5.0000e-005	0.0000	1.1709

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					0.0105	0.0000	0.0105	5.4000e-003	0.0000	5.4000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.6700e-003	0.0509	0.0278	7.0000e-005		2.1000e-003	2.1000e-003		1.9300e-003	1.9300e-003	0.0000	6.1905	6.1905	2.0000e-003	0.0000	6.2405
Total	4.6700e-003	0.0509	0.0278	7.0000e-005	0.0105	2.1000e-003	0.0126	5.4000e-003	1.9300e-003	7.3300e-003	0.0000	6.1905	6.1905	2.0000e-003	0.0000	6.2405

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	6.0000e-005	2.1300e-003	6.8000e-004	1.0000e-005	1.8000e-004	0.0000	1.8000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.7101	0.7101	4.0000e-005	0.0000	0.7110
Worker	1.9000e-004	1.4000e-004	1.6000e-003	1.0000e-005	5.1000e-004	0.0000	5.1000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4596	0.4596	1.0000e-005	0.0000	0.4599
Total	2.5000e-004	2.2700e-003	2.2800e-003	2.0000e-005	6.9000e-004	0.0000	6.9000e-004	1.9000e-004	0.0000	1.9000e-004	0.0000	1.1697	1.1697	5.0000e-005	0.0000	1.1709

3.7 Geopiers/Foundation - 2023

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	0.0242	0.2411	0.2314	4.6000e-004		0.0109	0.0109		0.0103	0.0103	0.0000	40.2394	40.2394	8.2800e-003	0.0000	40.4464
Total	0.0242	0.2411	0.2314	4.6000e-004		0.0109	0.0109		0.0103	0.0103	0.0000	40.2394	40.2394	8.2800e-003	0.0000	40.4464

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	0.0935	0.0300	3.2000e-004	8.3200e-003	1.1000e-004	8.4200e-003	2.4000e-003	1.0000e-004	2.5000e-003	0.0000	31.2421	31.2421	1.7000e-003	0.0000	31.2846
Worker	2.2800e-003	1.6400e-003	0.0192	6.0000e-005	6.5700e-003	5.0000e-005	6.6300e-003	1.7500e-003	5.0000e-005	1.7900e-003	0.0000	5.5154	5.5154	1.4000e-004	0.0000	5.5190
Total	5.1400e-003	0.0952	0.0492	3.8000e-004	0.0149	1.6000e-004	0.0151	4.1500e-003	1.5000e-004	4.2900e-003	0.0000	36.7575	36.7575	1.8400e-003	0.0000	36.8036

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	0.0242	0.2411	0.2314	4.6000e-004		0.0109	0.0109		0.0103	0.0103	0.0000	40.2394	40.2394	8.2800e-003	0.0000	40.4463
Total	0.0242	0.2411	0.2314	4.6000e-004		0.0109	0.0109		0.0103	0.0103	0.0000	40.2394	40.2394	8.2800e-003	0.0000	40.4463

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	0.0935	0.0300	3.2000e-004	7.7900e-003	1.1000e-004	7.8900e-003	2.2700e-003	1.0000e-004	2.3700e-003	0.0000	31.2421	31.2421	1.7000e-003	0.0000	31.2846
Worker	2.2800e-003	1.6400e-003	0.0192	6.0000e-005	6.0600e-003	5.0000e-005	6.1100e-003	1.6200e-003	5.0000e-005	1.6700e-003	0.0000	5.5154	5.5154	1.4000e-004	0.0000	5.5190
Total	5.1400e-003	0.0952	0.0492	3.8000e-004	0.0139	1.6000e-004	0.0140	3.8900e-003	1.5000e-004	4.0400e-003	0.0000	36.7575	36.7575	1.8400e-003	0.0000	36.8036

3.8 Utility Trenching - 2023

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	0.0161	0.1442	0.1764	2.6000e-004		9.0500e-003	9.0500e-003		8.3200e-003	8.3200e-003	0.0000	22.6282	22.6282	7.3200e-003	0.0000	22.8111
Total	0.0161	0.1442	0.1764	2.6000e-004		9.0500e-003	9.0500e-003		8.3200e-003	8.3200e-003	0.0000	22.6282	22.6282	7.3200e-003	0.0000	22.8111

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	6.5000e-004	0.0213	6.8100e-003	7.0000e-005	1.8900e-003	2.0000e-005	1.9100e-003	5.5000e-004	2.0000e-005	5.7000e-004	0.0000	7.1005	7.1005	3.9000e-004	0.0000	7.1102
Worker	4.5500e-003	3.2800e-003	0.0385	1.2000e-004	0.0132	1.0000e-004	0.0133	3.4900e-003	9.0000e-005	3.5900e-003	0.0000	11.0309	11.0309	2.8000e-004	0.0000	11.0380
Total	5.2000e-003	0.0245	0.0453	1.9000e-004	0.0150	1.2000e-004	0.0152	4.0400e-003	1.1000e-004	4.1600e-003	0.0000	18.1313	18.1313	6.7000e-004	0.0000	18.1481

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	0.0161	0.1442	0.1764	2.6000e-004		9.0500e-003	9.0500e-003		8.3200e-003	8.3200e-003	0.0000	22.6281	22.6281	7.3200e-003	0.0000	22.8111
Total	0.0161	0.1442	0.1764	2.6000e-004		9.0500e-003	9.0500e-003		8.3200e-003	8.3200e-003	0.0000	22.6281	22.6281	7.3200e-003	0.0000	22.8111

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	6.5000e-004	0.0213	6.8100e-003	7.0000e-005	1.7700e-003	2.0000e-005	1.7900e-003	5.2000e-004	2.0000e-005	5.4000e-004	0.0000	7.1005	7.1005	3.9000e-004	0.0000	7.1102
Worker	4.5500e-003	3.2800e-003	0.0385	1.2000e-004	0.0121	1.0000e-004	0.0122	3.2400e-003	9.0000e-005	3.3300e-003	0.0000	11.0309	11.0309	2.8000e-004	0.0000	11.0380
Total	5.2000e-003	0.0245	0.0453	1.9000e-004	0.0139	1.2000e-004	0.0140	3.7600e-003	1.1000e-004	3.8700e-003	0.0000	18.1313	18.1313	6.7000e-004	0.0000	18.1481

3.9 Building Construction - 2023

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	0.0419	0.3220	0.3468	6.1000e-004		0.0142	0.0142		0.0137	0.0137	0.0000	49.9398	49.9398	8.4800e-003	0.0000	50.1518
Total	0.0419	0.3220	0.3468	6.1000e-004		0.0142	0.0142		0.0137	0.0137	0.0000	49.9398	49.9398	8.4800e-003	0.0000	50.1518

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	2.3800e-003	0.0779	0.0250	2.7000e-004	6.9300e-003	9.0000e-005	7.0200e-003	2.0000e-003	9.0000e-005	2.0900e-003	0.0000	26.0351	26.0351	1.4200e-003	0.0000	26.0705
Worker	0.0104	7.5300e-003	0.0881	2.8000e-004	0.0301	2.3000e-004	0.0304	8.0000e-003	2.2000e-004	8.2200e-003	0.0000	25.2791	25.2791	6.5000e-004	0.0000	25.2954
Total	0.0128	0.0855	0.1131	5.5000e-004	0.0371	3.2000e-004	0.0374	0.0100	3.1000e-004	0.0103	0.0000	51.3142	51.3142	2.0700e-003	0.0000	51.3659

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	0.0419	0.3220	0.3468	6.1000e-004		0.0142	0.0142		0.0137	0.0137	0.0000	49.9397	49.9397	8.4800e-003	0.0000	50.1517
Total	0.0419	0.3220	0.3468	6.1000e-004		0.0142	0.0142		0.0137	0.0137	0.0000	49.9397	49.9397	8.4800e-003	0.0000	50.1517

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	2.3800e-003	0.0779	0.0250	2.7000e-004	6.4900e-003	9.0000e-005	6.5800e-003	1.8900e-003	9.0000e-005	1.9800e-003	0.0000	26.0351	26.0351	1.4200e-003	0.0000	26.0705
Worker	0.0104	7.5300e-003	0.0881	2.8000e-004	0.0278	2.3000e-004	0.0280	7.4300e-003	2.2000e-004	7.6400e-003	0.0000	25.2791	25.2791	6.5000e-004	0.0000	25.2954
Total	0.0128	0.0855	0.1131	5.5000e-004	0.0343	3.2000e-004	0.0346	9.3200e-003	3.1000e-004	9.6200e-003	0.0000	51.3142	51.3142	2.0700e-003	0.0000	51.3659

3.9 Building Construction - 2024

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	0.0746	0.5809	0.6572	1.1600e-003		0.0237	0.0237		0.0228	0.0228	0.0000	95.3459	95.3459	0.0159	0.0000	95.7429
Total	0.0746	0.5809	0.6572	1.1600e-003		0.0237	0.0237		0.0228	0.0228	0.0000	95.3459	95.3459	0.0159	0.0000	95.7429

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	4.4300e-003	0.1482	0.0462	5.1000e-004	0.0132	1.7000e-004	0.0134	3.8200e-003	1.6000e-004	3.9800e-003	0.0000	49.5053	49.5053	2.6700e-003	0.0000	49.5720
Worker	0.0189	0.0131	0.1567	5.2000e-004	0.0575	4.4000e-004	0.0580	0.0153	4.0000e-004	0.0157	0.0000	46.7637	46.7637	1.1400e-003	0.0000	46.7922
Total	0.0233	0.1613	0.2029	1.0300e-003	0.0708	6.1000e-004	0.0714	0.0191	5.6000e-004	0.0197	0.0000	96.2690	96.2690	3.8100e-003	0.0000	96.3642

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	0.0746	0.5809	0.6572	1.1600e-003		0.0237	0.0237		0.0228	0.0228	0.0000	95.3458	95.3458	0.0159	0.0000	95.7428
Total	0.0746	0.5809	0.6572	1.1600e-003		0.0237	0.0237		0.0228	0.0228	0.0000	95.3458	95.3458	0.0159	0.0000	95.7428

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	4.4300e-003	0.1482	0.0462	5.1000e-004	0.0124	1.7000e-004	0.0126	3.6100e-003	1.6000e-004	3.7700e-003	0.0000	49.5053	49.5053	2.6700e-003	0.0000	49.5720
Worker	0.0189	0.0131	0.1567	5.2000e-004	0.0530	4.4000e-004	0.0535	0.0142	4.0000e-004	0.0146	0.0000	46.7637	46.7637	1.1400e-003	0.0000	46.7922
Total	0.0233	0.1613	0.2029	1.0300e-003	0.0654	6.1000e-004	0.0660	0.0178	5.6000e-004	0.0184	0.0000	96.2690	96.2690	3.8100e-003	0.0000	96.3642

3.10 Architectural Coating - 2024

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	0.5563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4200e-003	0.0366	0.0543	9.0000e-005		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003	0.0000	7.6598	7.6598	4.3000e-004	0.0000	7.6705
Total	0.5618	0.0366	0.0543	9.0000e-005		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003	0.0000	7.6598	7.6598	4.3000e-004	0.0000	7.6705

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	6.3000e-004	0.0212	6.6000e-003	7.0000e-005	1.8900e-003	2.0000e-005	1.9100e-003	5.5000e-004	2.0000e-005	5.7000e-004	0.0000	7.0722	7.0722	3.8000e-004	0.0000	7.0817
Worker	3.2300e-003	2.2500e-003	0.0269	9.0000e-005	9.8600e-003	8.0000e-005	9.9400e-003	2.6200e-003	7.0000e-005	2.6900e-003	0.0000	8.0166	8.0166	2.0000e-004	0.0000	8.0215
Total	3.8600e-003	0.0234	0.0335	1.6000e-004	0.0118	1.0000e-004	0.0119	3.1700e-003	9.0000e-005	3.2600e-003	0.0000	15.0888	15.0888	5.8000e-004	0.0000	15.1032

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	0.5563					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4200e-003	0.0366	0.0543	9.0000e-005		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003	0.0000	7.6598	7.6598	4.3000e-004	0.0000	7.6705
Total	0.5618	0.0366	0.0543	9.0000e-005		1.8300e-003	1.8300e-003		1.8300e-003	1.8300e-003	0.0000	7.6598	7.6598	4.3000e-004	0.0000	7.6705

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	6.3000e-004	0.0212	6.6000e-003	7.0000e-005	1.7700e-003	2.0000e-005	1.7900e-003	5.2000e-004	2.0000e-005	5.4000e-004	0.0000	7.0722	7.0722	3.8000e-004	0.0000	7.0817
Worker	3.2300e-003	2.2500e-003	0.0269	9.0000e-005	9.0900e-003	8.0000e-005	9.1700e-003	2.4300e-003	7.0000e-005	2.5000e-003	0.0000	8.0166	8.0166	2.0000e-004	0.0000	8.0215
Total	3.8600e-003	0.0234	0.0335	1.6000e-004	0.0109	1.0000e-004	0.0110	2.9500e-003	9.0000e-005	3.0400e-003	0.0000	15.0888	15.0888	5.8000e-004	0.0000	15.1032

3.11 Asphalt Demolition - 2024

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	1.3000e-003	0.0112	0.0228	3.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	3.0673	3.0673	9.9000e-004	0.0000	3.0921
Total	1.3000e-003	0.0112	0.0228	3.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	3.0673	3.0673	9.9000e-004	0.0000	3.0921

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	7.0000e-005	2.4700e-003	7.7000e-004	1.0000e-005	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	7.0000e-005	0.0000	0.8251	0.8251	4.0000e-005	0.0000	0.8262
Worker	1.8000e-004	1.2000e-004	1.4900e-003	0.0000	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4456
Total	2.5000e-004	2.5900e-003	2.2600e-003	1.0000e-005	7.7000e-004	0.0000	7.7000e-004	2.1000e-004	0.0000	2.2000e-004	0.0000	1.2705	1.2705	5.0000e-005	0.0000	1.2718

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	1.3000e-003	0.0112	0.0228	3.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	3.0673	3.0673	9.9000e-004	0.0000	3.0921
Total	1.3000e-003	0.0112	0.0228	3.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	3.0673	3.0673	9.9000e-004	0.0000	3.0921

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	7.0000e-005	2.4700e-003	7.7000e-004	1.0000e-005	2.1000e-004	0.0000	2.1000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.8251	0.8251	4.0000e-005	0.0000	0.8262
Worker	1.8000e-004	1.2000e-004	1.4900e-003	0.0000	5.1000e-004	0.0000	5.1000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4456
Total	2.5000e-004	2.5900e-003	2.2600e-003	1.0000e-005	7.2000e-004	0.0000	7.2000e-004	2.0000e-004	0.0000	2.0000e-004	0.0000	1.2705	1.2705	5.0000e-005	0.0000	1.2718

3.12 Asphalt Demolition Haul - 2024

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					9.1900e-003	0.0000	9.1900e-003	1.3900e-003	0.0000	1.3900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	9.1900e-003	0.0000	9.1900e-003	1.3900e-003	0.0000	1.3900e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1000e-004	0.0116	4.6200e-003	6.0000e-005	1.4800e-003	2.0000e-005	1.5100e-003	4.1000e-004	2.0000e-005	4.3000e-004	0.0000	5.8418	5.8418	3.8000e-004	0.0000	5.8512
Vendor	2.0000e-005	7.1000e-004	2.2000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2357	0.2357	1.0000e-005	0.0000	0.2361
Worker	1.8000e-004	1.2000e-004	1.4900e-003	0.0000	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4456
Total	6.1000e-004	0.0124	6.3300e-003	6.0000e-005	2.0900e-003	2.0000e-005	2.1200e-003	5.8000e-004	2.0000e-005	6.0000e-004	0.0000	6.5229	6.5229	4.0000e-004	0.0000	6.5329

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					3.9300e-003	0.0000	3.9300e-003	5.9000e-004	0.0000	5.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	3.9300e-003	0.0000	3.9300e-003	5.9000e-004	0.0000	5.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1000e-004	0.0116	4.6200e-003	6.0000e-005	1.3800e-003	2.0000e-005	1.4000e-003	3.8000e-004	2.0000e-005	4.1000e-004	0.0000	5.8418	5.8418	3.8000e-004	0.0000	5.8512
Vendor	2.0000e-005	7.1000e-004	2.2000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2357	0.2357	1.0000e-005	0.0000	0.2361
Worker	1.8000e-004	1.2000e-004	1.4900e-003	0.0000	5.1000e-004	0.0000	5.1000e-004	1.4000e-004	0.0000	1.4000e-004	0.0000	0.4454	0.4454	1.0000e-005	0.0000	0.4456
Total	6.1000e-004	0.0124	6.3300e-003	6.0000e-005	1.9500e-003	2.0000e-005	1.9700e-003	5.4000e-004	2.0000e-005	5.7000e-004	0.0000	6.5229	6.5229	4.0000e-004	0.0000	6.5329

3.13 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.1800e-003	0.0586	0.0883	1.4000e-004		2.8100e-003	2.8100e-003		2.5900e-003	2.5900e-003	0.0000	11.7741	11.7741	3.7300e-003	0.0000	11.8674
Paving	2.5000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.4300e-003	0.0586	0.0883	1.4000e-004		2.8100e-003	2.8100e-003		2.5900e-003	2.5900e-003	0.0000	11.7741	11.7741	3.7300e-003	0.0000	11.8674

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	2.1000e-004	7.0600e-003	2.2000e-003	2.0000e-005	6.3000e-004	1.0000e-005	6.4000e-004	1.8000e-004	1.0000e-005	1.9000e-004	0.0000	2.3574	2.3574	1.3000e-004	0.0000	2.3606
Worker	7.2000e-004	5.0000e-004	5.9700e-003	2.0000e-005	2.1900e-003	2.0000e-005	2.2100e-003	5.8000e-004	2.0000e-005	6.0000e-004	0.0000	1.7815	1.7815	4.0000e-005	0.0000	1.7826
Total	9.3000e-004	7.5600e-003	8.1700e-003	4.0000e-005	2.8200e-003	3.0000e-005	2.8500e-003	7.6000e-004	3.0000e-005	7.9000e-004	0.0000	4.1389	4.1389	1.7000e-004	0.0000	4.1431

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.1800e-003	0.0586	0.0883	1.4000e-004		2.8100e-003	2.8100e-003		2.5900e-003	2.5900e-003	0.0000	11.7741	11.7741	3.7300e-003	0.0000	11.8674
Paving	2.5000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.4300e-003	0.0586	0.0883	1.4000e-004		2.8100e-003	2.8100e-003		2.5900e-003	2.5900e-003	0.0000	11.7741	11.7741	3.7300e-003	0.0000	11.8674

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	2.1000e-004	7.0600e-003	2.2000e-003	2.0000e-005	5.9000e-004	1.0000e-005	6.0000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	2.3574	2.3574	1.3000e-004	0.0000	2.3606
Worker	7.2000e-004	5.0000e-004	5.9700e-003	2.0000e-005	2.0200e-003	2.0000e-005	2.0400e-003	5.4000e-004	2.0000e-005	5.6000e-004	0.0000	1.7815	1.7815	4.0000e-005	0.0000	1.7826
Total	9.3000e-004	7.5600e-003	8.1700e-003	4.0000e-005	2.6100e-003	3.0000e-005	2.6400e-003	7.1000e-004	3.0000e-005	7.4000e-004	0.0000	4.1389	4.1389	1.7000e-004	0.0000	4.1431

3.14 Fine Grading - 2024

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					0.0123	0.0000	0.0123	6.3100e-003	0.0000	6.3100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0243	0.0139	4.0000e-005		1.0000e-003	1.0000e-003		9.2000e-004	9.2000e-004	0.0000	3.0950	3.0950	1.0000e-003	0.0000	3.1200
Total	2.2800e-003	0.0243	0.0139	4.0000e-005	0.0123	1.0000e-003	0.0133	6.3100e-003	9.2000e-004	7.2300e-003	0.0000	3.0950	3.0950	1.0000e-003	0.0000	3.1200

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	3.0000e-005	1.0600e-003	3.3000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3536	0.3536	2.0000e-005	0.0000	0.3541
Worker	9.0000e-005	6.0000e-005	7.5000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2227	0.2227	1.0000e-005	0.0000	0.2228
Total	1.2000e-004	1.1200e-003	1.0800e-003	0.0000	3.6000e-004	0.0000	3.8000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.5763	0.5763	3.0000e-005	0.0000	0.5769

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					5.2500e-003	0.0000	5.2500e-003	2.7000e-003	0.0000	2.7000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2800e-003	0.0243	0.0139	4.0000e-005		1.0000e-003	1.0000e-003		9.2000e-004	9.2000e-004	0.0000	3.0950	3.0950	1.0000e-003	0.0000	3.1200
Total	2.2800e-003	0.0243	0.0139	4.0000e-005	5.2500e-003	1.0000e-003	6.2500e-003	2.7000e-003	9.2000e-004	3.6200e-003	0.0000	3.0950	3.0950	1.0000e-003	0.0000	3.1200

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	3.0000e-005	1.0600e-003	3.3000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3536	0.3536	2.0000e-005	0.0000	0.3541
Worker	9.0000e-005	6.0000e-005	7.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2227	0.2227	1.0000e-005	0.0000	0.2228
Total	1.2000e-004	1.1200e-003	1.0800e-003	0.0000	3.4000e-004	0.0000	3.4000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.5763	0.5763	3.0000e-005	0.0000	0.5769

3.15 Finishing/Landscaping - 2024

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	1.8900e-003	0.0178	0.0229	3.0000e-005		1.0300e-003	1.0300e-003		9.4000e-004	9.4000e-004	0.0000	2.6993	2.6993	8.7000e-004	0.0000	2.7211
Total	1.8900e-003	0.0178	0.0229	3.0000e-005		1.0300e-003	1.0300e-003		9.4000e-004	9.4000e-004	0.0000	2.6993	2.6993	8.7000e-004	0.0000	2.7211

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	8.4000e-004	0.0282	8.8100e-003	1.0000e-004	2.5200e-003	3.0000e-005	2.5500e-003	7.3000e-004	3.0000e-005	7.6000e-004	0.0000	9.4296	9.4296	5.1000e-004	0.0000	9.4423
Worker	2.8700e-003	2.0000e-003	0.0239	8.0000e-005	8.7700e-003	7.0000e-005	8.8300e-003	2.3300e-003	6.0000e-005	2.3900e-003	0.0000	7.1259	7.1259	1.7000e-004	0.0000	7.1302
Total	3.7100e-003	0.0302	0.0327	1.8000e-004	0.0113	1.0000e-004	0.0114	3.0600e-003	9.0000e-005	3.1500e-003	0.0000	16.5555	16.5555	6.8000e-004	0.0000	16.5725

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	1.8900e-003	0.0178	0.0229	3.0000e-005		1.0300e-003	1.0300e-003		9.4000e-004	9.4000e-004	0.0000	2.6993	2.6993	8.7000e-004	0.0000	2.7211
Total	1.8900e-003	0.0178	0.0229	3.0000e-005		1.0300e-003	1.0300e-003		9.4000e-004	9.4000e-004	0.0000	2.6993	2.6993	8.7000e-004	0.0000	2.7211

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	8.4000e-004	0.0282	8.8100e-003	1.0000e-004	2.3600e-003	3.0000e-005	2.3900e-003	6.9000e-004	3.0000e-005	7.2000e-004	0.0000	9.4296	9.4296	5.1000e-004	0.0000	9.4423
Worker	2.8700e-003	2.0000e-003	0.0239	8.0000e-005	8.0800e-003	7.0000e-005	8.1500e-003	2.1600e-003	6.0000e-005	2.2200e-003	0.0000	7.1259	7.1259	1.7000e-004	0.0000	7.1302
Total	3.7100e-003	0.0302	0.0327	1.8000e-004	0.0104	1.0000e-004	0.0105	2.8500e-003	9.0000e-005	2.9400e-003	0.0000	16.5555	16.5555	6.8000e-004	0.0000	16.5725

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	1	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	0	No Change	0.00
Cranes	Diesel	No Change	0	2	No Change	0.00
Forklifts	Diesel	No Change	0	2	No Change	0.00
Graders	Diesel	No Change	0	3	No Change	0.00
Pavers	Diesel	No Change	0	1	No Change	0.00
Rollers	Diesel	No Change	0	1	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	3	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	8	No Change	0.00
Generator Sets	Diesel	No Change	0	2	No Change	0.00
Paving Equipment	Diesel	No Change	0	1	No Change	0.00
Welders	Diesel	No Change	0	3	No Change	0.00
Excavators	Diesel	No Change	0	5	No Change	0.00
Skid Steer Loaders	Diesel	No Change	0	4	No Change	0.00
Trenchers	Diesel	No Change	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	5.42000E-003	3.65600E-002	5.43000E-002	9.00000E-005	1.83000E-003	1.83000E-003	0.00000E+000	7.65976E+000	7.65976E+000	4.30000E-004	0.00000E+000	7.67054E+000
Cement and Mortar Mixers	4.40000E-004	2.76000E-003	2.31000E-003	1.00000E-005	1.10000E-004	1.10000E-004	0.00000E+000	3.43710E-001	3.43710E-001	4.00000E-005	0.00000E+000	3.44600E-001
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	3.07800E-002	3.30390E-001	1.62390E-001	5.20000E-004	1.37800E-002	1.26700E-002	0.00000E+000	4.55256E+001	4.55256E+001	1.47200E-002	0.00000E+000	4.58937E+001
Excavators	1.79100E-002	1.46620E-001	3.10010E-001	4.90000E-004	7.18000E-003	6.60000E-003	0.00000E+000	4.31692E+001	4.31692E+001	1.39600E-002	0.00000E+000	4.35182E+001
Forklifts	7.72000E-003	7.23400E-002	9.13700E-002	1.20000E-004	4.26000E-003	3.92000E-003	0.00000E+000	1.07567E+001	1.07567E+001	3.48000E-003	0.00000E+000	1.08437E+001
Generator Sets	3.25500E-002	2.89730E-001	4.03340E-001	7.20000E-004	1.31900E-002	1.31900E-002	0.00000E+000	6.21728E+001	6.21728E+001	2.63000E-003	0.00000E+000	6.22386E+001

Graders	3.06000E-003	3.68700E-002	1.36800E-002	5.00000E-005	1.19000E-003	1.10000E-003	0.00000E+000	4.72307E+000	4.72307E+000	1.53000E-003	0.00000E+000	4.76126E+000
Pavers	1.38000E-003	1.30600E-002	2.17000E-002	4.00000E-005	6.10000E-004	5.60000E-004	0.00000E+000	3.09687E+000	3.09687E+000	1.00000E-003	0.00000E+000	3.12191E+000
Paving Equipment	1.65000E-003	1.49600E-002	2.57000E-002	4.00000E-005	7.20000E-004	6.60000E-004	0.00000E+000	3.57853E+000	3.57853E+000	1.16000E-003	0.00000E+000	3.60747E+000
Rollers	1.27000E-003	1.33400E-002	1.61900E-002	2.00000E-005	7.10000E-004	6.50000E-004	0.00000E+000	2.01737E+000	2.01737E+000	6.50000E-004	0.00000E+000	2.03369E+000
Rubber Tired Dozers	5.37000E-003	5.56800E-002	2.43100E-002	7.00000E-005	2.51000E-003	2.31000E-003	0.00000E+000	5.86124E+000	5.86124E+000	1.90000E-003	0.00000E+000	5.90863E+000
Skid Steer Loaders	3.94000E-003	5.24000E-002	8.39900E-002	1.30000E-004	1.77000E-003	1.63000E-003	0.00000E+000	1.10264E+001	1.10264E+001	3.57000E-003	0.00000E+000	1.11156E+001
Tractors/Loaders/B ackhoes	2.10100E-002	2.12480E-001	3.15830E-001	4.40000E-004	1.02200E-002	9.40000E-003	0.00000E+000	3.87055E+001	3.87055E+001	1.25200E-002	0.00000E+000	3.90185E+001
Trenchers	1.04500E-002	9.74800E-002	7.81500E-002	1.00000E-004	6.76000E-003	6.22000E-003	0.00000E+000	8.94945E+000	8.94945E+000	2.89000E-003	0.00000E+000	9.02181E+000
Welders	5.81400E-002	3.34660E-001	4.00460E-001	6.10000E-004	1.20200E-002	1.20200E-002	0.00000E+000	4.51730E+001	4.51730E+001	4.72000E-003	0.00000E+000	4.52909E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	5.42000E-003	3.65600E-002	5.43000E-002	9.00000E-005	1.83000E-003	1.83000E-003	0.00000E+000	7.65975E+000	7.65975E+000	4.30000E-004	0.00000E+000	7.67053E+000
Cement and Mortar Mixers	4.40000E-004	2.76000E-003	2.31000E-003	1.00000E-005	1.10000E-004	1.10000E-004	0.00000E+000	3.43710E-001	3.43710E-001	4.00000E-005	0.00000E+000	3.44600E-001
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	3.07800E-002	3.30390E-001	1.62390E-001	5.20000E-004	1.37800E-002	1.26700E-002	0.00000E+000	4.55256E+001	4.55256E+001	1.47200E-002	0.00000E+000	4.58937E+001
Excavators	1.79100E-002	1.46620E-001	3.10010E-001	4.90000E-004	7.18000E-003	6.60000E-003	0.00000E+000	4.31691E+001	4.31691E+001	1.39600E-002	0.00000E+000	4.35182E+001
Forklifts	7.72000E-003	7.23400E-002	9.13700E-002	1.20000E-004	4.26000E-003	3.92000E-003	0.00000E+000	1.07567E+001	1.07567E+001	3.48000E-003	0.00000E+000	1.08437E+001
Generator Sets	3.25500E-002	2.89730E-001	4.03340E-001	7.20000E-004	1.31900E-002	1.31900E-002	0.00000E+000	6.21728E+001	6.21728E+001	2.63000E-003	0.00000E+000	6.22385E+001
Graders	3.06000E-003	3.68700E-002	1.36800E-002	5.00000E-005	1.19000E-003	1.10000E-003	0.00000E+000	4.72307E+000	4.72307E+000	1.53000E-003	0.00000E+000	4.76126E+000
Pavers	1.38000E-003	1.30600E-002	2.17000E-002	4.00000E-005	6.10000E-004	5.60000E-004	0.00000E+000	3.09687E+000	3.09687E+000	1.00000E-003	0.00000E+000	3.12191E+000
Paving Equipment	1.65000E-003	1.49600E-002	2.57000E-002	4.00000E-005	7.20000E-004	6.60000E-004	0.00000E+000	3.57853E+000	3.57853E+000	1.16000E-003	0.00000E+000	3.60746E+000
Rollers	1.27000E-003	1.33400E-002	1.61900E-002	2.00000E-005	7.10000E-004	6.50000E-004	0.00000E+000	2.01737E+000	2.01737E+000	6.50000E-004	0.00000E+000	2.03368E+000
Rubber Tired Dozers	5.37000E-003	5.56800E-002	2.43100E-002	7.00000E-005	2.51000E-003	2.31000E-003	0.00000E+000	5.86123E+000	5.86123E+000	1.90000E-003	0.00000E+000	5.90862E+000
Skid Steer Loaders	3.94000E-003	5.24000E-002	8.39900E-002	1.30000E-004	1.77000E-003	1.63000E-003	0.00000E+000	1.10264E+001	1.10264E+001	3.57000E-003	0.00000E+000	1.11155E+001
Tractors/Loaders/Bac khoes	2.10100E-002	2.12480E-001	3.15830E-001	4.40000E-004	1.02200E-002	9.40000E-003	0.00000E+000	3.87055E+001	3.87055E+001	1.25200E-002	0.00000E+000	3.90184E+001
Trenchers	1.04500E-002	9.74800E-002	7.81500E-002	1.00000E-004	6.76000E-003	6.22000E-003	0.00000E+000	8.94944E+000	8.94944E+000	2.89000E-003	0.00000E+000	9.02180E+000
Welders	5.81400E-002	3.34660E-001	4.00460E-001	6.10000E-004	1.20200E-002	1.20200E-002	0.00000E+000	4.51729E+001	4.51729E+001	4.72000E-003	0.00000E+000	4.52909E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.30552E-006	1.30552E-006	0.00000E+000	0.00000E+000	1.30369E-006
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.31794E-006	1.31794E-006	0.00000E+000	0.00000E+000	1.30737E-006
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.15823E-006	1.15823E-006	0.00000E+000	0.00000E+000	1.14894E-006
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.29651E-007	9.29651E-007	0.00000E+000	0.00000E+000	1.84439E-006
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.12589E-006	1.12589E-006	0.00000E+000	0.00000E+000	1.28538E-006
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.77203E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	4.91717E-006
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.70612E-006	1.70612E-006	0.00000E+000	0.00000E+000	1.69244E-006
Skid Steer Loaders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	9.06914E-007	9.06914E-007	0.00000E+000	0.00000E+000	1.79928E-006
Tractors/Loaders/Bac khoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.29181E-006	1.29181E-006	0.00000E+000	0.00000E+000	1.28144E-006
Trenchers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.11739E-006	1.11739E-006	0.00000E+000	0.00000E+000	1.10843E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.10686E-006	1.10686E-006	0.00000E+000	0.00000E+000	1.10397E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input	Mitigation Input		
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Replace Ground Cover of Area Disturbed	PM10 Reduction	5.00	PM2.5 Reduction	5.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	9.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.08	0.07
Asphalt Demolition	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Demolition	Roads	0.00	0.00	0.00	0.00	0.06	0.05
Asphalt Demolition Haul	Fugitive Dust	0.01	0.00	0.00	0.00	0.57	0.58
Asphalt Demolition Haul	Roads	0.00	0.00	0.00	0.00	0.07	0.07
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.11	0.03	0.10	0.03	0.08	0.07
Building Demolition	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Demolition	Roads	0.01	0.00	0.01	0.00	0.07	0.07
Building Demolition Haul	Fugitive Dust	0.01	0.00	0.00	0.00	0.57	0.57
Building Demolition Haul	Roads	0.01	0.00	0.00	0.00	0.07	0.07
Fine Grading	Fugitive Dust	0.01	0.01	0.01	0.00	0.57	0.57
Fine Grading	Roads	0.00	0.00	0.00	0.00	0.06	0.00
Finishing/Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Finishing/Landscaping	Roads	0.01	0.00	0.01	0.00	0.08	0.07
Geopiers/Foundation	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Geopiers/Foundation	Roads	0.01	0.00	0.01	0.00	0.07	0.06
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.07	0.07
Rough Grading	Fugitive Dust	0.02	0.01	0.01	0.01	0.57	0.57
Rough Grading	Roads	0.00	0.00	0.00	0.00	0.07	0.05
Site Preparation	Fugitive Dust	0.01	0.01	0.01	0.00	0.57	0.57
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.06	0.00
Site Preparation Soil Haul	Fugitive Dust	0.00	0.00	0.00	0.00	0.50	0.00
Site Preparation Soil Haul	Roads	0.00	0.00	0.00	0.00	0.07	0.06
Utility Trenching	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Utility Trenching	Roads	0.02	0.00	0.01	0.00	0.08	0.07

CalEEMod Output: Operation – Existing
Year 2020

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Existing 2020 - Los Angeles-South Coast County, Summer

Existing 2020
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	26.30	1000sqft	0.60	26,300.00	0
Enclosed Parking with Elevator	520.00	Space	4.78	208,000.00	0
Other Asphalt Surfaces	3.62	Acre	3.62	157,687.00	0
Other Non-Asphalt Surfaces	4.03	Acre	4.03	0.00	0
Recreational Swimming Pool	22.58	1000sqft	0.52	22,580.00	0
Apartments Mid Rise	865.00	Dwelling Unit	13.32	580,340.00	2474
Regional Shopping Center	5.85	1000sqft	0.13	5,850.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - Utilizes energy rates for a health club.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	21941	12480
tblEnergyUse	LightingElect	0.00	3.85
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	0.00	2.94
tblEnergyUse	T24NG	0.00	15.35
tblFireplaces	NumberGas	735.25	0.00
tblFireplaces	NumberNoFireplace	86.50	865.00
tblFireplaces	NumberWood	43.25	0.00
tblFleetMix	HHD	0.03	0.01
tblFleetMix	LDA	0.55	0.57
tblFleetMix	LDT1	0.05	0.05
tblFleetMix	LDT2	0.20	0.21
tblFleetMix	LHD1	0.02	0.02

tblFleetMix	LHD2	6.0900e-003	3.8310e-003
tblFleetMix	MCY	5.0050e-003	5.1700e-003
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MH	9.0700e-004	5.7000e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.4380e-003	1.5330e-003
tblFleetMix	SBUS	6.7700e-004	4.2600e-004
tblFleetMix	UBUS	2.3590e-003	1.4840e-003
tblLandUse	LandUseSquareFeet	157,687.20	157,687.00
tblLandUse	LandUseSquareFeet	175,546.80	0.00
tblLandUse	LandUseSquareFeet	865,000.00	580,340.00
tblLandUse	LotAcreage	4.68	4.78
tblLandUse	LotAcreage	22.76	13.32
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblSolidWaste	SolidWasteGenerationRate	397.90	631.45
tblSolidWaste	SolidWasteGenerationRate	24.46	287.99
tblSolidWaste	SolidWasteGenerationRate	128.71	247.25
tblSolidWaste	SolidWasteGenerationRate	6.14	64.06
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tblVehicleEF	HHD	3.50	0.01
tblVehicleEF	HHD	4,770.40	1,146.12
tblVehicleEF	HHD	1,679.50	1,557.30
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tblVehicleEF	HHD	22.90	6.45
tblVehicleEF	HHD	4.59	4.62
tblVehicleEF	HHD	19.58	1.76
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.02	0.06
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tblVehicleEF	HHD	0.03	0.03
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tblVehicleEF	HHD	4.9400e-004	2.2800e-003
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tblVehicleEF	LDA	0.04	0.22
tblVehicleEF	LDA	0.09	0.27
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tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	2.02	1.84

tblVehicleEF	LDT1	3.43	2.45
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tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.07	0.07
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tblVehicleEF	LDT1	3.7850e-003	3.0810e-003
tblVehicleEF	LDT1	3.6370e-003	2.9870e-003
tblVehicleEF	LDT1	3.4820e-003	2.8330e-003
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tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.18	0.76
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tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.96	1.78
tblVehicleEF	LDT1	3.54	2.53
tblVehicleEF	LDT1	354.88	331.57

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tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.20	0.31
tblVehicleEF	LDT1	3.9490e-003	3.2450e-003
tblVehicleEF	LDT1	3.7850e-003	3.0810e-003
tblVehicleEF	LDT1	3.6370e-003	2.9870e-003
tblVehicleEF	LDT1	3.4820e-003	2.8330e-003
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.35	0.27
tblVehicleEF	LDT1	0.11	0.12
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	0.98
tblVehicleEF	LDT1	0.25	0.45
tblVehicleEF	LDT1	3.5750e-003	3.2810e-003
tblVehicleEF	LDT1	7.9300e-004	6.6500e-004
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.35	0.27
tblVehicleEF	LDT1	0.11	0.12
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.23	0.98
tblVehicleEF	LDT1	0.27	0.50
tblVehicleEF	LDT2	8.6320e-003	6.3280e-003
tblVehicleEF	LDT2	8.2970e-003	0.08
tblVehicleEF	LDT2	0.97	1.23
tblVehicleEF	LDT2	1.67	2.86
tblVehicleEF	LDT2	408.00	367.53
tblVehicleEF	LDT2	83.22	73.71

tblVehicleEF	LDT2	0.10	0.11
tblVehicleEF	LDT2	0.14	0.35
tblVehicleEF	LDT2	2.1760e-003	2.1380e-003
tblVehicleEF	LDT2	2.3520e-003	2.0990e-003
tblVehicleEF	LDT2	2.0020e-003	1.9680e-003
tblVehicleEF	LDT2	2.1630e-003	1.9300e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.38
tblVehicleEF	LDT2	4.0880e-003	3.6360e-003
tblVehicleEF	LDT2	8.6100e-004	7.2900e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.41
tblVehicleEF	LDT2	9.1430e-003	6.7250e-003
tblVehicleEF	LDT2	7.3790e-003	0.07
tblVehicleEF	LDT2	1.07	1.35
tblVehicleEF	LDT2	1.43	2.44
tblVehicleEF	LDT2	426.32	380.44
tblVehicleEF	LDT2	83.22	72.90
tblVehicleEF	LDT2	0.09	0.10

tblVehicleEF	LDT2	0.13	0.32
tblVehicleEF	LDT2	2.1760e-003	2.1380e-003
tblVehicleEF	LDT2	2.3520e-003	2.0990e-003
tblVehicleEF	LDT2	2.0020e-003	1.9680e-003
tblVehicleEF	LDT2	2.1630e-003	1.9300e-003
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.10	0.34
tblVehicleEF	LDT2	4.2730e-003	3.7640e-003
tblVehicleEF	LDT2	8.5600e-004	7.2100e-004
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.11	0.37
tblVehicleEF	LDT2	8.4620e-003	6.2020e-003
tblVehicleEF	LDT2	8.4930e-003	0.08
tblVehicleEF	LDT2	0.94	1.19
tblVehicleEF	LDT2	1.73	2.96
tblVehicleEF	LDT2	401.27	362.75
tblVehicleEF	LDT2	83.22	73.90
tblVehicleEF	LDT2	0.10	0.11
tblVehicleEF	LDT2	0.15	0.35

tblVehicleEF	LDT2	2.1760e-003	2.1380e-003
tblVehicleEF	LDT2	2.3520e-003	2.0990e-003
tblVehicleEF	LDT2	2.0020e-003	1.9680e-003
tblVehicleEF	LDT2	2.1630e-003	1.9300e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.39
tblVehicleEF	LDT2	4.0210e-003	3.5890e-003
tblVehicleEF	LDT2	8.6200e-004	7.3100e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.13	0.42
tblVehicleEF	LHD1	6.3570e-003	6.1110e-003
tblVehicleEF	LHD1	0.02	7.2760e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.20
tblVehicleEF	LHD1	1.07	0.85
tblVehicleEF	LHD1	3.29	1.27
tblVehicleEF	LHD1	8.89	8.96
tblVehicleEF	LHD1	622.45	695.35
tblVehicleEF	LHD1	35.85	13.43

tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.15	0.81
tblVehicleEF	LHD1	1.13	0.38
tblVehicleEF	LHD1	7.9800e-004	6.7500e-004
tblVehicleEF	LHD1	9.8890e-003	9.5180e-003
tblVehicleEF	LHD1	9.6360e-003	6.9410e-003
tblVehicleEF	LHD1	1.1970e-003	3.3400e-004
tblVehicleEF	LHD1	7.6300e-004	6.4600e-004
tblVehicleEF	LHD1	2.4720e-003	2.3800e-003
tblVehicleEF	LHD1	9.1880e-003	6.6080e-003
tblVehicleEF	LHD1	1.1020e-003	3.0700e-004
tblVehicleEF	LHD1	3.4680e-003	2.9780e-003
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.0560e-003	1.7700e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.32	0.10
tblVehicleEF	LHD1	9.0000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1270e-003	6.8010e-003
tblVehicleEF	LHD1	4.2000e-004	1.3300e-004
tblVehicleEF	LHD1	3.4680e-003	2.9780e-003
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.0560e-003	1.7700e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.33	0.64

tblVehicleEF	LHD1	0.35	0.11
tblVehicleEF	LHD1	6.3570e-003	6.1240e-003
tblVehicleEF	LHD1	0.02	7.4190e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.20
tblVehicleEF	LHD1	1.08	0.87
tblVehicleEF	LHD1	3.14	1.22
tblVehicleEF	LHD1	8.89	8.96
tblVehicleEF	LHD1	622.45	695.38
tblVehicleEF	LHD1	35.85	13.33
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.07	0.76
tblVehicleEF	LHD1	1.08	0.36
tblVehicleEF	LHD1	7.9800e-004	6.7500e-004
tblVehicleEF	LHD1	9.8890e-003	9.5180e-003
tblVehicleEF	LHD1	9.6360e-003	6.9410e-003
tblVehicleEF	LHD1	1.1970e-003	3.3400e-004
tblVehicleEF	LHD1	7.6300e-004	6.4600e-004
tblVehicleEF	LHD1	2.4720e-003	2.3800e-003
tblVehicleEF	LHD1	9.1880e-003	6.6080e-003
tblVehicleEF	LHD1	1.1020e-003	3.0700e-004
tblVehicleEF	LHD1	5.2080e-003	4.3920e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.9180e-003	2.4690e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.32	0.62

tblVehicleEF	LHD1	0.31	0.09
tblVehicleEF	LHD1	9.0000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1280e-003	6.8010e-003
tblVehicleEF	LHD1	4.1700e-004	1.3200e-004
tblVehicleEF	LHD1	5.2080e-003	4.3920e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.9180e-003	2.4690e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.32	0.62
tblVehicleEF	LHD1	0.34	0.10
tblVehicleEF	LHD1	6.3570e-003	6.1080e-003
tblVehicleEF	LHD1	0.02	7.2360e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.20
tblVehicleEF	LHD1	1.06	0.85
tblVehicleEF	LHD1	3.32	1.28
tblVehicleEF	LHD1	8.89	8.96
tblVehicleEF	LHD1	622.45	695.35
tblVehicleEF	LHD1	35.85	13.45
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.13	0.80
tblVehicleEF	LHD1	1.14	0.38
tblVehicleEF	LHD1	7.9800e-004	6.7500e-004
tblVehicleEF	LHD1	9.8890e-003	9.5180e-003
tblVehicleEF	LHD1	9.6360e-003	6.9410e-003
tblVehicleEF	LHD1	1.1970e-003	3.3400e-004

tblVehicleEF	LHD1	7.6300e-004	6.4600e-004
tblVehicleEF	LHD1	2.4720e-003	2.3800e-003
tblVehicleEF	LHD1	9.1880e-003	6.6080e-003
tblVehicleEF	LHD1	1.1020e-003	3.0700e-004
tblVehicleEF	LHD1	3.6860e-003	3.1700e-003
tblVehicleEF	LHD1	0.13	0.11
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.0330e-003	1.7530e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.35	0.70
tblVehicleEF	LHD1	0.32	0.10
tblVehicleEF	LHD1	9.0000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1270e-003	6.8010e-003
tblVehicleEF	LHD1	4.2100e-004	1.3300e-004
tblVehicleEF	LHD1	3.6860e-003	3.1700e-003
tblVehicleEF	LHD1	0.13	0.11
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.0330e-003	1.7530e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.35	0.70
tblVehicleEF	LHD1	0.36	0.11
tblVehicleEF	LHD2	4.6500e-003	4.3800e-003
tblVehicleEF	LHD2	5.8620e-003	5.0500e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.16
tblVehicleEF	LHD2	0.45	0.57
tblVehicleEF	LHD2	1.67	0.89

tblVehicleEF	LHD2	13.53	13.42
tblVehicleEF	LHD2	634.55	698.02
tblVehicleEF	LHD2	30.01	10.61
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.88	1.08
tblVehicleEF	LHD2	0.66	0.27
tblVehicleEF	LHD2	1.1790e-003	1.1740e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7680e-003	0.01
tblVehicleEF	LHD2	5.5800e-004	1.9100e-004
tblVehicleEF	LHD2	1.1280e-003	1.1230e-003
tblVehicleEF	LHD2	2.6300e-003	2.5990e-003
tblVehicleEF	LHD2	9.3300e-003	0.01
tblVehicleEF	LHD2	5.1400e-004	1.7600e-004
tblVehicleEF	LHD2	1.4140e-003	1.9030e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.8000e-004	1.1330e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.11	0.44
tblVehicleEF	LHD2	0.15	0.07
tblVehicleEF	LHD2	1.3300e-004	1.2900e-004
tblVehicleEF	LHD2	6.1920e-003	6.7670e-003
tblVehicleEF	LHD2	3.3100e-004	1.0500e-004
tblVehicleEF	LHD2	1.4140e-003	1.9030e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.03

tblVehicleEF	LHD2	8.8000e-004	1.1330e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.11	0.44
tblVehicleEF	LHD2	0.17	0.07
tblVehicleEF	LHD2	4.6500e-003	4.3900e-003
tblVehicleEF	LHD2	5.9540e-003	5.1160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.16
tblVehicleEF	LHD2	0.46	0.58
tblVehicleEF	LHD2	1.60	0.85
tblVehicleEF	LHD2	13.53	13.42
tblVehicleEF	LHD2	634.55	698.03
tblVehicleEF	LHD2	30.01	10.54
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.83	1.02
tblVehicleEF	LHD2	0.63	0.26
tblVehicleEF	LHD2	1.1790e-003	1.1740e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7680e-003	0.01
tblVehicleEF	LHD2	5.5800e-004	1.9100e-004
tblVehicleEF	LHD2	1.1280e-003	1.1230e-003
tblVehicleEF	LHD2	2.6300e-003	2.5990e-003
tblVehicleEF	LHD2	9.3300e-003	0.01
tblVehicleEF	LHD2	5.1400e-004	1.7600e-004
tblVehicleEF	LHD2	2.1090e-003	2.8050e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	1.2380e-003	1.5800e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.15	0.07
tblVehicleEF	LHD2	1.3300e-004	1.2900e-004
tblVehicleEF	LHD2	6.1920e-003	6.7670e-003
tblVehicleEF	LHD2	3.3000e-004	1.0400e-004
tblVehicleEF	LHD2	2.1090e-003	2.8050e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.2380e-003	1.5800e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	4.6500e-003	4.3790e-003
tblVehicleEF	LHD2	5.8380e-003	5.0320e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.16
tblVehicleEF	LHD2	0.45	0.57
tblVehicleEF	LHD2	1.68	0.90
tblVehicleEF	LHD2	13.53	13.42
tblVehicleEF	LHD2	634.55	698.01
tblVehicleEF	LHD2	30.01	10.62
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.87	1.06
tblVehicleEF	LHD2	0.67	0.27
tblVehicleEF	LHD2	1.1790e-003	1.1740e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7680e-003	0.01
tblVehicleEF	LHD2	5.5800e-004	1.9100e-004
tblVehicleEF	LHD2	1.1280e-003	1.1230e-003
tblVehicleEF	LHD2	2.6300e-003	2.5990e-003
tblVehicleEF	LHD2	9.3300e-003	0.01
tblVehicleEF	LHD2	5.1400e-004	1.7600e-004
tblVehicleEF	LHD2	1.4720e-003	2.0040e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.5900e-004	1.1070e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.12	0.48
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	1.3300e-004	1.2900e-004
tblVehicleEF	LHD2	6.1910e-003	6.7670e-003
tblVehicleEF	LHD2	3.3100e-004	1.0500e-004
tblVehicleEF	LHD2	1.4720e-003	2.0040e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	8.5900e-004	1.1070e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.12	0.48
tblVehicleEF	LHD2	0.17	0.08
tblVehicleEF	MCY	0.53	0.38
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.48	19.74

tblVehicleEF	MCY	9.63	8.47
tblVehicleEF	MCY	187.52	223.45
tblVehicleEF	MCY	45.30	60.30
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.3100e-003	2.3150e-003
tblVehicleEF	MCY	4.0640e-003	3.4460e-003
tblVehicleEF	MCY	2.1620e-003	2.1660e-003
tblVehicleEF	MCY	3.8350e-003	3.2510e-003
tblVehicleEF	MCY	1.07	1.10
tblVehicleEF	MCY	0.66	0.69
tblVehicleEF	MCY	0.66	0.68
tblVehicleEF	MCY	2.62	2.65
tblVehicleEF	MCY	0.63	2.16
tblVehicleEF	MCY	2.08	1.84
tblVehicleEF	MCY	2.2730e-003	2.2110e-003
tblVehicleEF	MCY	6.7100e-004	5.9700e-004
tblVehicleEF	MCY	1.07	1.10
tblVehicleEF	MCY	0.66	0.69
tblVehicleEF	MCY	0.66	0.68
tblVehicleEF	MCY	3.25	3.27
tblVehicleEF	MCY	0.63	2.16
tblVehicleEF	MCY	2.26	2.00
tblVehicleEF	MCY	0.52	0.38
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	18.74	18.94
tblVehicleEF	MCY	8.81	7.73

tblVehicleEF	MCY	187.52	221.94
tblVehicleEF	MCY	45.30	58.43
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.3100e-003	2.3150e-003
tblVehicleEF	MCY	4.0640e-003	3.4460e-003
tblVehicleEF	MCY	2.1620e-003	2.1660e-003
tblVehicleEF	MCY	3.8350e-003	3.2510e-003
tblVehicleEF	MCY	1.74	1.75
tblVehicleEF	MCY	0.72	0.75
tblVehicleEF	MCY	1.10	1.09
tblVehicleEF	MCY	2.56	2.58
tblVehicleEF	MCY	0.60	2.03
tblVehicleEF	MCY	1.85	1.63
tblVehicleEF	MCY	2.2590e-003	2.1960e-003
tblVehicleEF	MCY	6.5100e-004	5.7800e-004
tblVehicleEF	MCY	1.74	1.75
tblVehicleEF	MCY	0.72	0.75
tblVehicleEF	MCY	1.10	1.09
tblVehicleEF	MCY	3.17	3.18
tblVehicleEF	MCY	0.60	2.03
tblVehicleEF	MCY	2.01	1.77
tblVehicleEF	MCY	0.53	0.39
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	19.59	19.90
tblVehicleEF	MCY	9.76	8.61
tblVehicleEF	MCY	187.52	223.76

tblVehicleEF	MCY	45.30	60.68
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.3100e-003	2.3150e-003
tblVehicleEF	MCY	4.0640e-003	3.4460e-003
tblVehicleEF	MCY	2.1620e-003	2.1660e-003
tblVehicleEF	MCY	3.8350e-003	3.2510e-003
tblVehicleEF	MCY	1.17	1.19
tblVehicleEF	MCY	0.86	0.89
tblVehicleEF	MCY	0.63	0.65
tblVehicleEF	MCY	2.64	2.66
tblVehicleEF	MCY	0.73	2.48
tblVehicleEF	MCY	2.12	1.88
tblVehicleEF	MCY	2.2750e-003	2.2140e-003
tblVehicleEF	MCY	6.7500e-004	6.0000e-004
tblVehicleEF	MCY	1.17	1.19
tblVehicleEF	MCY	0.86	0.89
tblVehicleEF	MCY	0.63	0.65
tblVehicleEF	MCY	3.26	3.29
tblVehicleEF	MCY	0.73	2.48
tblVehicleEF	MCY	2.31	2.05
tblVehicleEF	MDV	0.02	9.2300e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.77	1.63
tblVehicleEF	MDV	3.11	3.48
tblVehicleEF	MDV	543.27	449.17
tblVehicleEF	MDV	109.34	89.67

tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.29	0.42
tblVehicleEF	MDV	2.4830e-003	2.3870e-003
tblVehicleEF	MDV	2.6470e-003	2.3460e-003
tblVehicleEF	MDV	2.2920e-003	2.2020e-003
tblVehicleEF	MDV	2.4370e-003	2.1600e-003
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.09	0.47
tblVehicleEF	MDV	0.25	0.49
tblVehicleEF	MDV	5.4490e-003	4.4410e-003
tblVehicleEF	MDV	1.1480e-003	8.8700e-004
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.09	0.47
tblVehicleEF	MDV	0.27	0.54
tblVehicleEF	MDV	0.02	9.6790e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.90	1.75
tblVehicleEF	MDV	2.66	2.97
tblVehicleEF	MDV	567.14	462.77
tblVehicleEF	MDV	109.34	88.67
tblVehicleEF	MDV	0.17	0.14

tblVehicleEF	MDV	0.26	0.39
tblVehicleEF	MDV	2.4830e-003	2.3870e-003
tblVehicleEF	MDV	2.6470e-003	2.3460e-003
tblVehicleEF	MDV	2.2920e-003	2.2020e-003
tblVehicleEF	MDV	2.4370e-003	2.1600e-003
tblVehicleEF	MDV	0.11	0.14
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.10	0.13
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.09	0.44
tblVehicleEF	MDV	0.22	0.44
tblVehicleEF	MDV	5.6890e-003	4.5760e-003
tblVehicleEF	MDV	1.1400e-003	8.7700e-004
tblVehicleEF	MDV	0.11	0.14
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.10	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.09	0.44
tblVehicleEF	MDV	0.24	0.48
tblVehicleEF	MDV	0.02	9.0790e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.72	1.59
tblVehicleEF	MDV	3.20	3.60
tblVehicleEF	MDV	534.52	444.14
tblVehicleEF	MDV	109.34	89.90
tblVehicleEF	MDV	0.19	0.15
tblVehicleEF	MDV	0.29	0.43

tblVehicleEF	MDV	2.4830e-003	2.3870e-003
tblVehicleEF	MDV	2.6470e-003	2.3460e-003
tblVehicleEF	MDV	2.2920e-003	2.2020e-003
tblVehicleEF	MDV	2.4370e-003	2.1600e-003
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.25	0.50
tblVehicleEF	MDV	5.3610e-003	4.3920e-003
tblVehicleEF	MDV	1.1500e-003	8.9000e-004
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.28	0.55
tblVehicleEF	MH	0.04	3.4340e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.53	0.31
tblVehicleEF	MH	7.14	0.00
tblVehicleEF	MH	1,138.98	992.05
tblVehicleEF	MH	63.70	0.00
tblVehicleEF	MH	1.26	3.85
tblVehicleEF	MH	0.90	0.00
tblVehicleEF	MH	0.01	0.02

tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.5790e-003	0.00
tblVehicleEF	MH	3.1950e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.4630e-003	0.00
tblVehicleEF	MH	1.18	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.13	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.43	0.00
tblVehicleEF	MH	0.01	9.3780e-003
tblVehicleEF	MH	7.6200e-004	0.00
tblVehicleEF	MH	1.18	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.18	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.47	0.00
tblVehicleEF	MH	0.04	3.4340e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.59	0.31
tblVehicleEF	MH	6.72	0.00
tblVehicleEF	MH	1,138.98	992.05
tblVehicleEF	MH	63.70	0.00
tblVehicleEF	MH	1.15	3.64
tblVehicleEF	MH	0.86	0.00

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.5790e-003	0.00
tblVehicleEF	MH	3.1950e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.4630e-003	0.00
tblVehicleEF	MH	1.74	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.71	0.00
tblVehicleEF	MH	0.13	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.01	9.3780e-003
tblVehicleEF	MH	7.5500e-004	0.00
tblVehicleEF	MH	1.74	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.71	0.00
tblVehicleEF	MH	0.18	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.04	3.4340e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.51	0.31
tblVehicleEF	MH	7.19	0.00
tblVehicleEF	MH	1,138.98	992.05
tblVehicleEF	MH	63.70	0.00
tblVehicleEF	MH	1.23	3.78

tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.5790e-003	0.00
tblVehicleEF	MH	3.1950e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.4630e-003	0.00
tblVehicleEF	MH	1.35	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.13	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.43	0.00
tblVehicleEF	MH	0.01	9.3780e-003
tblVehicleEF	MH	7.6300e-004	0.00
tblVehicleEF	MH	1.35	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.18	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.47	0.00
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tblVehicleEF	MHD	8.6590e-003	9.4720e-003
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tblVehicleEF	MHD	0.44	0.40
tblVehicleEF	MHD	0.61	0.87
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tblVehicleEF	MHD	9.86	1.00
tblVehicleEF	MHD	2.2420e-003	2.2340e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	9.3600e-004	1.5500e-004
tblVehicleEF	MHD	2.1450e-003	2.1380e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	8.6100e-004	1.4200e-004
tblVehicleEF	MHD	1.3410e-003	8.0900e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	8.3700e-004	4.9900e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.03	0.17
tblVehicleEF	MHD	0.46	0.07
tblVehicleEF	MHD	1.2830e-003	6.6600e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.8800e-004	1.2700e-004
tblVehicleEF	MHD	1.3410e-003	8.0900e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	8.3700e-004	4.9900e-004
tblVehicleEF	MHD	0.11	0.17

tblVehicleEF	MHD	0.03	0.17
tblVehicleEF	MHD	0.50	0.08
tblVehicleEF	MHD	0.02	4.2550e-003
tblVehicleEF	MHD	8.7760e-003	9.5510e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.32	0.32
tblVehicleEF	MHD	0.62	0.88
tblVehicleEF	MHD	7.11	1.55
tblVehicleEF	MHD	140.97	71.66
tblVehicleEF	MHD	1,158.03	1,130.52
tblVehicleEF	MHD	65.62	12.72
tblVehicleEF	MHD	0.84	0.63
tblVehicleEF	MHD	1.75	2.58
tblVehicleEF	MHD	9.81	0.99
tblVehicleEF	MHD	1.8900e-003	1.8860e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	9.3600e-004	1.5500e-004
tblVehicleEF	MHD	1.8090e-003	1.8040e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	8.6100e-004	1.4200e-004
tblVehicleEF	MHD	2.0150e-003	1.2070e-003
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.1980e-003	7.1000e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.02	0.16
tblVehicleEF	MHD	0.44	0.07

tblVehicleEF	MHD	1.3570e-003	6.8100e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.8100e-004	1.2600e-004
tblVehicleEF	MHD	2.0150e-003	1.2070e-003
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tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.1980e-003	7.1000e-004
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tblVehicleEF	MHD	0.02	0.16
tblVehicleEF	MHD	0.48	0.08
tblVehicleEF	MHD	0.02	4.8430e-003
tblVehicleEF	MHD	8.6270e-003	9.4470e-003
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tblVehicleEF	MHD	0.61	0.51
tblVehicleEF	MHD	0.61	0.87
tblVehicleEF	MHD	7.56	1.64
tblVehicleEF	MHD	122.21	67.80
tblVehicleEF	MHD	1,158.03	1,130.50
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tblVehicleEF	MHD	9.87	1.00
tblVehicleEF	MHD	2.7290e-003	2.7160e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	9.3600e-004	1.5500e-004
tblVehicleEF	MHD	2.6110e-003	2.5980e-003
tblVehicleEF	MHD	0.04	0.07

tblVehicleEF	MHD	8.6100e-004	1.4200e-004
tblVehicleEF	MHD	1.4110e-003	8.5500e-004
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	8.2400e-004	4.9200e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.03	0.18
tblVehicleEF	MHD	0.46	0.08
tblVehicleEF	MHD	1.1810e-003	6.4400e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.8900e-004	1.2800e-004
tblVehicleEF	MHD	1.4110e-003	8.5500e-004
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	8.2400e-004	4.9200e-004
tblVehicleEF	MHD	0.11	0.17
tblVehicleEF	MHD	0.03	0.18
tblVehicleEF	MHD	0.51	0.08
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.29	0.61
tblVehicleEF	OBUS	0.68	1.24
tblVehicleEF	OBUS	6.09	2.54
tblVehicleEF	OBUS	110.73	98.40
tblVehicleEF	OBUS	1,273.03	1,457.53
tblVehicleEF	OBUS	68.83	19.88

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tblVehicleEF	OBUS	2.66	0.62
tblVehicleEF	OBUS	3.0000e-004	3.3600e-003
tblVehicleEF	OBUS	0.01	0.05
tblVehicleEF	OBUS	7.8200e-004	1.9900e-004
tblVehicleEF	OBUS	2.8700e-004	3.2150e-003
tblVehicleEF	OBUS	9.9080e-003	0.05
tblVehicleEF	OBUS	7.2000e-004	1.8300e-004
tblVehicleEF	OBUS	1.4950e-003	1.8640e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.8100e-004	9.3200e-004
tblVehicleEF	OBUS	0.07	0.14
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	1.0690e-003	9.3600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9500e-004	1.9700e-004
tblVehicleEF	OBUS	1.4950e-003	1.8640e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.09
tblVehicleEF	OBUS	7.8100e-004	9.3200e-004
tblVehicleEF	OBUS	0.09	0.18
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	9.0380e-003

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tblVehicleEF	OBUS	0.69	1.26
tblVehicleEF	OBUS	5.75	2.40
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tblVehicleEF	OBUS	1,273.03	1,457.56
tblVehicleEF	OBUS	68.83	19.64
tblVehicleEF	OBUS	0.67	0.72
tblVehicleEF	OBUS	1.93	2.36
tblVehicleEF	OBUS	2.62	0.61
tblVehicleEF	OBUS	2.5300e-004	2.8370e-003
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tblVehicleEF	OBUS	2.4200e-004	2.7140e-003
tblVehicleEF	OBUS	9.9080e-003	0.05
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tblVehicleEF	OBUS	2.1920e-003	2.6900e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.1100e-003	1.3040e-003
tblVehicleEF	OBUS	0.07	0.15
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tblVehicleEF	OBUS	0.37	0.12
tblVehicleEF	OBUS	1.1220e-003	9.4700e-004
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tblVehicleEF	OBUS	7.9000e-004	1.9400e-004

tblVehicleEF	OBUS	2.1920e-003	2.6900e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.09
tblVehicleEF	OBUS	1.1100e-003	1.3040e-003
tblVehicleEF	OBUS	0.09	0.18
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.40	0.13
tblVehicleEF	OBUS	0.01	9.0690e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.31	0.66
tblVehicleEF	OBUS	0.68	1.23
tblVehicleEF	OBUS	6.15	2.57
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tblVehicleEF	OBUS	3.6500e-004	4.0820e-003
tblVehicleEF	OBUS	0.01	0.05
tblVehicleEF	OBUS	7.8200e-004	1.9900e-004
tblVehicleEF	OBUS	3.4900e-004	3.9050e-003
tblVehicleEF	OBUS	9.9080e-003	0.05
tblVehicleEF	OBUS	7.2000e-004	1.8300e-004
tblVehicleEF	OBUS	1.5550e-003	1.9740e-003
tblVehicleEF	OBUS	0.02	0.02

tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.6300e-004	9.2000e-004
tblVehicleEF	OBUS	0.07	0.14
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.39	0.12
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9600e-004	1.9700e-004
tblVehicleEF	OBUS	1.5550e-003	1.9740e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.09
tblVehicleEF	OBUS	7.6300e-004	9.2000e-004
tblVehicleEF	OBUS	0.09	0.18
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.42	0.14
tblVehicleEF	SBUS	0.88	0.07
tblVehicleEF	SBUS	0.01	7.9700e-003
tblVehicleEF	SBUS	0.07	6.1510e-003
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tblVehicleEF	SBUS	1,153.25	354.14
tblVehicleEF	SBUS	1,098.50	1,133.34
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tblVehicleEF	SBUS	12.73	0.80

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tblVehicleEF	SBUS	0.01	4.6800e-003
tblVehicleEF	SBUS	2.6880e-003	2.6870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.8700e-004	4.2000e-005
tblVehicleEF	SBUS	3.4480e-003	9.3300e-004
tblVehicleEF	SBUS	0.03	7.9890e-003
tblVehicleEF	SBUS	0.96	0.31
tblVehicleEF	SBUS	1.6800e-003	4.7400e-004
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.40	0.04
tblVehicleEF	SBUS	0.01	3.3780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.5300e-004	5.2000e-005
tblVehicleEF	SBUS	3.4480e-003	9.3300e-004
tblVehicleEF	SBUS	0.03	7.9890e-003
tblVehicleEF	SBUS	1.38	0.44
tblVehicleEF	SBUS	1.6800e-003	4.7400e-004
tblVehicleEF	SBUS	0.14	0.12
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.44	0.04
tblVehicleEF	SBUS	0.88	0.07
tblVehicleEF	SBUS	0.01	8.0600e-003

tblVehicleEF	SBUS	0.06	5.4880e-003
tblVehicleEF	SBUS	7.76	2.63
tblVehicleEF	SBUS	0.86	0.68
tblVehicleEF	SBUS	6.22	0.70
tblVehicleEF	SBUS	1,206.53	363.00
tblVehicleEF	SBUS	1,098.50	1,133.36
tblVehicleEF	SBUS	52.01	4.95
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tblVehicleEF	SBUS	4.65	4.93
tblVehicleEF	SBUS	12.69	0.79
tblVehicleEF	SBUS	0.01	4.1310e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.4700e-004	4.5000e-005
tblVehicleEF	SBUS	9.8410e-003	3.9520e-003
tblVehicleEF	SBUS	2.6880e-003	2.6870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.8700e-004	4.2000e-005
tblVehicleEF	SBUS	5.0870e-003	1.3450e-003
tblVehicleEF	SBUS	0.03	8.1040e-003
tblVehicleEF	SBUS	0.95	0.31
tblVehicleEF	SBUS	2.4200e-003	6.5900e-004
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.36	0.03
tblVehicleEF	SBUS	0.01	3.4610e-003
tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	6.2900e-004	4.9000e-005
tblVehicleEF	SBUS	5.0870e-003	1.3450e-003
tblVehicleEF	SBUS	0.03	8.1040e-003
tblVehicleEF	SBUS	1.37	0.44
tblVehicleEF	SBUS	2.4200e-003	6.5900e-004
tblVehicleEF	SBUS	0.14	0.13
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.39	0.03
tblVehicleEF	SBUS	0.88	0.07
tblVehicleEF	SBUS	0.01	7.9430e-003
tblVehicleEF	SBUS	0.07	6.3030e-003
tblVehicleEF	SBUS	8.07	2.73
tblVehicleEF	SBUS	0.84	0.67
tblVehicleEF	SBUS	7.93	0.89
tblVehicleEF	SBUS	1,079.68	341.91
tblVehicleEF	SBUS	1,098.50	1,133.33
tblVehicleEF	SBUS	52.01	5.27
tblVehicleEF	SBUS	10.15	3.25
tblVehicleEF	SBUS	4.85	5.14
tblVehicleEF	SBUS	12.73	0.80
tblVehicleEF	SBUS	0.01	5.9420e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.4700e-004	4.5000e-005
tblVehicleEF	SBUS	0.01	5.6850e-003
tblVehicleEF	SBUS	2.6880e-003	2.6870e-003
tblVehicleEF	SBUS	0.03	0.03

tblVehicleEF	SBUS	6.8700e-004	4.2000e-005
tblVehicleEF	SBUS	3.6280e-003	9.7000e-004
tblVehicleEF	SBUS	0.03	8.6170e-003
tblVehicleEF	SBUS	0.96	0.31
tblVehicleEF	SBUS	1.6230e-003	4.5900e-004
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.41	0.04
tblVehicleEF	SBUS	0.01	3.2620e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.5700e-004	5.2000e-005
tblVehicleEF	SBUS	3.6280e-003	9.7000e-004
tblVehicleEF	SBUS	0.03	8.6170e-003
tblVehicleEF	SBUS	1.38	0.44
tblVehicleEF	SBUS	1.6230e-003	4.5900e-004
tblVehicleEF	SBUS	0.14	0.12
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.45	0.04
tblVehicleEF	UBUS	2.95	6.22
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	12.36	42.74
tblVehicleEF	UBUS	8.85	0.71
tblVehicleEF	UBUS	2,008.92	1,985.10
tblVehicleEF	UBUS	88.02	8.74
tblVehicleEF	UBUS	11.49	1.21
tblVehicleEF	UBUS	15.98	0.08
tblVehicleEF	UBUS	0.64	0.07

tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.15	3.6950e-003
tblVehicleEF	UBUS	9.7400e-004	3.6000e-005
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9690e-003
tblVehicleEF	UBUS	0.14	3.5330e-003
tblVehicleEF	UBUS	8.9600e-004	3.3000e-005
tblVehicleEF	UBUS	4.1600e-003	6.1300e-004
tblVehicleEF	UBUS	0.07	7.6310e-003
tblVehicleEF	UBUS	2.3210e-003	4.5000e-004
tblVehicleEF	UBUS	0.96	0.16
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	0.01	1.4780e-003
tblVehicleEF	UBUS	1.0390e-003	8.7000e-005
tblVehicleEF	UBUS	4.1600e-003	6.1300e-004
tblVehicleEF	UBUS	0.07	7.6310e-003
tblVehicleEF	UBUS	2.3210e-003	4.5000e-004
tblVehicleEF	UBUS	4.03	6.42
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	2.95	6.22
tblVehicleEF	UBUS	0.04	0.01
tblVehicleEF	UBUS	12.41	42.74
tblVehicleEF	UBUS	7.66	0.63
tblVehicleEF	UBUS	2,008.92	1,985.10
tblVehicleEF	UBUS	88.02	8.60

tblVehicleEF	UBUS	10.84	1.20
tblVehicleEF	UBUS	15.93	0.08
tblVehicleEF	UBUS	0.64	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.15	3.6950e-003
tblVehicleEF	UBUS	9.7400e-004	3.6000e-005
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9690e-003
tblVehicleEF	UBUS	0.14	3.5330e-003
tblVehicleEF	UBUS	8.9600e-004	3.3000e-005
tblVehicleEF	UBUS	5.9230e-003	8.9000e-004
tblVehicleEF	UBUS	0.07	7.8710e-003
tblVehicleEF	UBUS	3.1960e-003	6.2100e-004
tblVehicleEF	UBUS	0.97	0.16
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.60	0.04
tblVehicleEF	UBUS	0.01	1.4780e-003
tblVehicleEF	UBUS	1.0190e-003	8.5000e-005
tblVehicleEF	UBUS	5.9230e-003	8.9000e-004
tblVehicleEF	UBUS	0.07	7.8710e-003
tblVehicleEF	UBUS	3.1960e-003	6.2100e-004
tblVehicleEF	UBUS	4.04	6.42
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	2.95	6.22
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	12.34	42.74

tblVehicleEF	UBUS	9.07	0.73
tblVehicleEF	UBUS	2,008.92	1,985.10
tblVehicleEF	UBUS	88.02	8.77
tblVehicleEF	UBUS	11.27	1.20
tblVehicleEF	UBUS	15.99	0.08
tblVehicleEF	UBUS	0.64	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.15	3.6950e-003
tblVehicleEF	UBUS	9.7400e-004	3.6000e-005
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9690e-003
tblVehicleEF	UBUS	0.14	3.5330e-003
tblVehicleEF	UBUS	8.9600e-004	3.3000e-005
tblVehicleEF	UBUS	4.7740e-003	6.0100e-004
tblVehicleEF	UBUS	0.09	8.1480e-003
tblVehicleEF	UBUS	2.4590e-003	4.2800e-004
tblVehicleEF	UBUS	0.96	0.16
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.67	0.05
tblVehicleEF	UBUS	0.01	1.4780e-003
tblVehicleEF	UBUS	1.0430e-003	8.7000e-005
tblVehicleEF	UBUS	4.7740e-003	6.0100e-004
tblVehicleEF	UBUS	0.09	8.1480e-003
tblVehicleEF	UBUS	2.4590e-003	4.2800e-004
tblVehicleEF	UBUS	4.02	6.42
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.74	0.05

tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	16.30	100.00

tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	14.07
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29
tblVehicleTrips	WD_TR	6.65	2.99

tblVehicleTrips	WD_TR	11.03	6.57
tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	56,358,232.16	73,283,889.90
tblWater	IndoorWaterUseRate	4,674,397.57	4,456,338.28
tblWater	IndoorWaterUseRate	1,335,452.19	3,826,012.10
tblWater	IndoorWaterUseRate	433,324.25	991,238.74
tblWater	OutdoorWaterUseRate	35,530,189.84	0.00
tblWater	OutdoorWaterUseRate	2,864,953.35	0.00
tblWater	OutdoorWaterUseRate	818,502.96	0.00
tblWater	OutdoorWaterUseRate	265,585.83	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	43.25	0.00
tblWoodstoves	NumberNoncatalytic	43.25	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.2185	22.6829	148.9708	0.3771	34.7900	0.4399	35.2299	9.2706	0.4130	9.6836		38,671.7877	38,671.7877	2.3535		38,730.6251
Unmitigated	11.2185	22.6829	148.9708	0.3771	34.7900	0.4399	35.2299	9.2706	0.4130	9.6836		38,671.7877	38,671.7877	2.3535		38,730.6251

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,586.35	2,586.35	2586.35	13,245,940	13,245,940
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	172.79	39.19	12.36	669,819	669,819
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	292.86	92.58	138.19	1,240,189	1,240,189
Regional Shopping Center	139.11	170.00	77.75	690,165	690,165
Total	3,191.12	2,888.12	2,814.65	15,846,112	15,846,112

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Regional Shopping Center	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.565790	0.046936	0.208125	0.126817	0.017162	0.003831	0.012156	0.010000	0.001533	0.001484	0.005170	0.000426	0.000570
Enclosed Parking with Elevator	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
General Office Building	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Other Asphalt Surfaces	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Other Non-Asphalt Surfaces	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Recreational Swimming Pool	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Regional Shopping Center	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782
NaturalGas Unmitigated	0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

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	24973.2	0.2693	2.3015	0.9793	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.0251	2,938.0251	0.0563	0.0539	2,955.4843
Enclosed Parking with Elevator	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
General Office Building	896.362	9.6700e-003	0.0879	0.0738	5.3000e-004		6.6800e-003	6.6800e-003		6.6800e-003	6.6800e-003		105.4543	105.4543	2.0200e-003	1.9300e-003	106.0810
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	1224.89	0.0132	0.1201	0.1009	7.2000e-004		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003		144.1044	144.1044	2.7600e-003	2.6400e-003	144.9608
Regional Shopping Center	29.1699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	24.9732	0.2693	2.3015	0.9793	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.0251	2,938.0251	0.0563	0.0539	2,955.4843
Enclosed Parking with Elevator	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
General Office Building	0.896362	9.6700e-003	0.0879	0.0738	5.3000e-004		6.6800e-003	6.6800e-003		6.6800e-003	6.6800e-003		105.4543	105.4543	2.0200e-003	1.9300e-003	106.0810
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	1.22489	0.0132	0.1201	0.1009	7.2000e-004		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003		144.1044	144.1044	2.7600e-003	2.6400e-003	144.9608
Regional Shopping Center	0.0291699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.0396	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939	0.0000	128.6252	128.6252	0.1256	0.0000	131.7662
Unmitigated	16.0396	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939	0.0000	128.6252	128.6252	0.1256	0.0000	131.7662

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	1.1497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.7039					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	2.1859	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939		128.6252	128.6252	0.1256		131.7662
Total	16.0396	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939	0.0000	128.6252	128.6252	0.1256	0.0000	131.7662

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	1.1497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.7039					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	2.1859	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939		128.6252	128.6252	0.1256		131.7662
Total	16.0396	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939	0.0000	128.6252	128.6252	0.1256	0.0000	131.7662

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

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

Existing 2020 - Los Angeles-South Coast County, Winter

Existing 2020
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	26.30	1000sqft	0.60	26,300.00	0
Enclosed Parking with Elevator	520.00	Space	4.78	208,000.00	0
Other Asphalt Surfaces	3.62	Acre	3.62	157,687.00	0
Other Non-Asphalt Surfaces	4.03	Acre	4.03	0.00	0
Recreational Swimming Pool	22.58	1000sqft	0.52	22,580.00	0
Apartments Mid Rise	865.00	Dwelling Unit	13.32	580,340.00	2474
Regional Shopping Center	5.85	1000sqft	0.13	5,850.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - Utilizes energy rates for a health club.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	21941	12480
tblEnergyUse	LightingElect	0.00	3.85
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	0.00	2.94
tblEnergyUse	T24NG	0.00	15.35
tblFireplaces	NumberGas	735.25	0.00
tblFireplaces	NumberNoFireplace	86.50	865.00
tblFireplaces	NumberWood	43.25	0.00
tblFleetMix	HHD	0.03	0.01
tblFleetMix	LDA	0.55	0.57
tblFleetMix	LDT1	0.05	0.05
tblFleetMix	LDT2	0.20	0.21
tblFleetMix	LHD1	0.02	0.02

tblFleetMix	LHD2	6.0900e-003	3.8310e-003
tblFleetMix	MCY	5.0050e-003	5.1700e-003
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MH	9.0700e-004	5.7000e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.4380e-003	1.5330e-003
tblFleetMix	SBUS	6.7700e-004	4.2600e-004
tblFleetMix	UBUS	2.3590e-003	1.4840e-003
tblLandUse	LandUseSquareFeet	157,687.20	157,687.00
tblLandUse	LandUseSquareFeet	175,546.80	0.00
tblLandUse	LandUseSquareFeet	865,000.00	580,340.00
tblLandUse	LotAcreage	4.68	4.78
tblLandUse	LotAcreage	22.76	13.32
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblSolidWaste	SolidWasteGenerationRate	397.90	631.45
tblSolidWaste	SolidWasteGenerationRate	24.46	287.99
tblSolidWaste	SolidWasteGenerationRate	128.71	247.25
tblSolidWaste	SolidWasteGenerationRate	6.14	64.06
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tblVehicleEF	HHD	0.10	1.0000e-006
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tblVehicleEF	HHD	22.90	6.45
tblVehicleEF	HHD	4.59	4.62
tblVehicleEF	HHD	19.58	1.76
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tblVehicleEF	HHD	0.03	0.03
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tblVehicleEF	LDT1	0.19	0.82
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tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.18	0.76
tblVehicleEF	LDT1	0.23	0.43
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.96	1.78
tblVehicleEF	LDT1	3.54	2.53
tblVehicleEF	LDT1	354.88	331.57

tblVehicleEF	LDT1	73.09	67.18
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.20	0.31
tblVehicleEF	LDT1	3.9490e-003	3.2450e-003
tblVehicleEF	LDT1	3.7850e-003	3.0810e-003
tblVehicleEF	LDT1	3.6370e-003	2.9870e-003
tblVehicleEF	LDT1	3.4820e-003	2.8330e-003
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.35	0.27
tblVehicleEF	LDT1	0.11	0.12
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	0.98
tblVehicleEF	LDT1	0.25	0.45
tblVehicleEF	LDT1	3.5750e-003	3.2810e-003
tblVehicleEF	LDT1	7.9300e-004	6.6500e-004
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.35	0.27
tblVehicleEF	LDT1	0.11	0.12
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.23	0.98
tblVehicleEF	LDT1	0.27	0.50
tblVehicleEF	LDT2	8.6320e-003	6.3280e-003
tblVehicleEF	LDT2	8.2970e-003	0.08
tblVehicleEF	LDT2	0.97	1.23
tblVehicleEF	LDT2	1.67	2.86
tblVehicleEF	LDT2	408.00	367.53
tblVehicleEF	LDT2	83.22	73.71

tblVehicleEF	LDT2	0.10	0.11
tblVehicleEF	LDT2	0.14	0.35
tblVehicleEF	LDT2	2.1760e-003	2.1380e-003
tblVehicleEF	LDT2	2.3520e-003	2.0990e-003
tblVehicleEF	LDT2	2.0020e-003	1.9680e-003
tblVehicleEF	LDT2	2.1630e-003	1.9300e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.38
tblVehicleEF	LDT2	4.0880e-003	3.6360e-003
tblVehicleEF	LDT2	8.6100e-004	7.2900e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.41
tblVehicleEF	LDT2	9.1430e-003	6.7250e-003
tblVehicleEF	LDT2	7.3790e-003	0.07
tblVehicleEF	LDT2	1.07	1.35
tblVehicleEF	LDT2	1.43	2.44
tblVehicleEF	LDT2	426.32	380.44
tblVehicleEF	LDT2	83.22	72.90
tblVehicleEF	LDT2	0.09	0.10

tblVehicleEF	LDT2	0.13	0.32
tblVehicleEF	LDT2	2.1760e-003	2.1380e-003
tblVehicleEF	LDT2	2.3520e-003	2.0990e-003
tblVehicleEF	LDT2	2.0020e-003	1.9680e-003
tblVehicleEF	LDT2	2.1630e-003	1.9300e-003
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.10	0.34
tblVehicleEF	LDT2	4.2730e-003	3.7640e-003
tblVehicleEF	LDT2	8.5600e-004	7.2100e-004
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.11	0.37
tblVehicleEF	LDT2	8.4620e-003	6.2020e-003
tblVehicleEF	LDT2	8.4930e-003	0.08
tblVehicleEF	LDT2	0.94	1.19
tblVehicleEF	LDT2	1.73	2.96
tblVehicleEF	LDT2	401.27	362.75
tblVehicleEF	LDT2	83.22	73.90
tblVehicleEF	LDT2	0.10	0.11
tblVehicleEF	LDT2	0.15	0.35

tblVehicleEF	LDT2	2.1760e-003	2.1380e-003
tblVehicleEF	LDT2	2.3520e-003	2.0990e-003
tblVehicleEF	LDT2	2.0020e-003	1.9680e-003
tblVehicleEF	LDT2	2.1630e-003	1.9300e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.39
tblVehicleEF	LDT2	4.0210e-003	3.5890e-003
tblVehicleEF	LDT2	8.6200e-004	7.3100e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.13	0.42
tblVehicleEF	LHD1	6.3570e-003	6.1110e-003
tblVehicleEF	LHD1	0.02	7.2760e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.20
tblVehicleEF	LHD1	1.07	0.85
tblVehicleEF	LHD1	3.29	1.27
tblVehicleEF	LHD1	8.89	8.96
tblVehicleEF	LHD1	622.45	695.35
tblVehicleEF	LHD1	35.85	13.43

tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.15	0.81
tblVehicleEF	LHD1	1.13	0.38
tblVehicleEF	LHD1	7.9800e-004	6.7500e-004
tblVehicleEF	LHD1	9.8890e-003	9.5180e-003
tblVehicleEF	LHD1	9.6360e-003	6.9410e-003
tblVehicleEF	LHD1	1.1970e-003	3.3400e-004
tblVehicleEF	LHD1	7.6300e-004	6.4600e-004
tblVehicleEF	LHD1	2.4720e-003	2.3800e-003
tblVehicleEF	LHD1	9.1880e-003	6.6080e-003
tblVehicleEF	LHD1	1.1020e-003	3.0700e-004
tblVehicleEF	LHD1	3.4680e-003	2.9780e-003
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.0560e-003	1.7700e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.32	0.10
tblVehicleEF	LHD1	9.0000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1270e-003	6.8010e-003
tblVehicleEF	LHD1	4.2000e-004	1.3300e-004
tblVehicleEF	LHD1	3.4680e-003	2.9780e-003
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.0560e-003	1.7700e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.33	0.64

tblVehicleEF	LHD1	0.35	0.11
tblVehicleEF	LHD1	6.3570e-003	6.1240e-003
tblVehicleEF	LHD1	0.02	7.4190e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.20
tblVehicleEF	LHD1	1.08	0.87
tblVehicleEF	LHD1	3.14	1.22
tblVehicleEF	LHD1	8.89	8.96
tblVehicleEF	LHD1	622.45	695.38
tblVehicleEF	LHD1	35.85	13.33
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.07	0.76
tblVehicleEF	LHD1	1.08	0.36
tblVehicleEF	LHD1	7.9800e-004	6.7500e-004
tblVehicleEF	LHD1	9.8890e-003	9.5180e-003
tblVehicleEF	LHD1	9.6360e-003	6.9410e-003
tblVehicleEF	LHD1	1.1970e-003	3.3400e-004
tblVehicleEF	LHD1	7.6300e-004	6.4600e-004
tblVehicleEF	LHD1	2.4720e-003	2.3800e-003
tblVehicleEF	LHD1	9.1880e-003	6.6080e-003
tblVehicleEF	LHD1	1.1020e-003	3.0700e-004
tblVehicleEF	LHD1	5.2080e-003	4.3920e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.9180e-003	2.4690e-003
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	0.32	0.62

tblVehicleEF	LHD1	0.31	0.09
tblVehicleEF	LHD1	9.0000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1280e-003	6.8010e-003
tblVehicleEF	LHD1	4.1700e-004	1.3200e-004
tblVehicleEF	LHD1	5.2080e-003	4.3920e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.9180e-003	2.4690e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.32	0.62
tblVehicleEF	LHD1	0.34	0.10
tblVehicleEF	LHD1	6.3570e-003	6.1080e-003
tblVehicleEF	LHD1	0.02	7.2360e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.20
tblVehicleEF	LHD1	1.06	0.85
tblVehicleEF	LHD1	3.32	1.28
tblVehicleEF	LHD1	8.89	8.96
tblVehicleEF	LHD1	622.45	695.35
tblVehicleEF	LHD1	35.85	13.45
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.13	0.80
tblVehicleEF	LHD1	1.14	0.38
tblVehicleEF	LHD1	7.9800e-004	6.7500e-004
tblVehicleEF	LHD1	9.8890e-003	9.5180e-003
tblVehicleEF	LHD1	9.6360e-003	6.9410e-003
tblVehicleEF	LHD1	1.1970e-003	3.3400e-004

tblVehicleEF	LHD1	7.6300e-004	6.4600e-004
tblVehicleEF	LHD1	2.4720e-003	2.3800e-003
tblVehicleEF	LHD1	9.1880e-003	6.6080e-003
tblVehicleEF	LHD1	1.1020e-003	3.0700e-004
tblVehicleEF	LHD1	3.6860e-003	3.1700e-003
tblVehicleEF	LHD1	0.13	0.11
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.0330e-003	1.7530e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.35	0.70
tblVehicleEF	LHD1	0.32	0.10
tblVehicleEF	LHD1	9.0000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1270e-003	6.8010e-003
tblVehicleEF	LHD1	4.2100e-004	1.3300e-004
tblVehicleEF	LHD1	3.6860e-003	3.1700e-003
tblVehicleEF	LHD1	0.13	0.11
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.0330e-003	1.7530e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.35	0.70
tblVehicleEF	LHD1	0.36	0.11
tblVehicleEF	LHD2	4.6500e-003	4.3800e-003
tblVehicleEF	LHD2	5.8620e-003	5.0500e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.16
tblVehicleEF	LHD2	0.45	0.57
tblVehicleEF	LHD2	1.67	0.89

tblVehicleEF	LHD2	13.53	13.42
tblVehicleEF	LHD2	634.55	698.02
tblVehicleEF	LHD2	30.01	10.61
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.88	1.08
tblVehicleEF	LHD2	0.66	0.27
tblVehicleEF	LHD2	1.1790e-003	1.1740e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7680e-003	0.01
tblVehicleEF	LHD2	5.5800e-004	1.9100e-004
tblVehicleEF	LHD2	1.1280e-003	1.1230e-003
tblVehicleEF	LHD2	2.6300e-003	2.5990e-003
tblVehicleEF	LHD2	9.3300e-003	0.01
tblVehicleEF	LHD2	5.1400e-004	1.7600e-004
tblVehicleEF	LHD2	1.4140e-003	1.9030e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.8000e-004	1.1330e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.11	0.44
tblVehicleEF	LHD2	0.15	0.07
tblVehicleEF	LHD2	1.3300e-004	1.2900e-004
tblVehicleEF	LHD2	6.1920e-003	6.7670e-003
tblVehicleEF	LHD2	3.3100e-004	1.0500e-004
tblVehicleEF	LHD2	1.4140e-003	1.9030e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.03

tblVehicleEF	LHD2	8.8000e-004	1.1330e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.11	0.44
tblVehicleEF	LHD2	0.17	0.07
tblVehicleEF	LHD2	4.6500e-003	4.3900e-003
tblVehicleEF	LHD2	5.9540e-003	5.1160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.16
tblVehicleEF	LHD2	0.46	0.58
tblVehicleEF	LHD2	1.60	0.85
tblVehicleEF	LHD2	13.53	13.42
tblVehicleEF	LHD2	634.55	698.03
tblVehicleEF	LHD2	30.01	10.54
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.83	1.02
tblVehicleEF	LHD2	0.63	0.26
tblVehicleEF	LHD2	1.1790e-003	1.1740e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7680e-003	0.01
tblVehicleEF	LHD2	5.5800e-004	1.9100e-004
tblVehicleEF	LHD2	1.1280e-003	1.1230e-003
tblVehicleEF	LHD2	2.6300e-003	2.5990e-003
tblVehicleEF	LHD2	9.3300e-003	0.01
tblVehicleEF	LHD2	5.1400e-004	1.7600e-004
tblVehicleEF	LHD2	2.1090e-003	2.8050e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	1.2380e-003	1.5800e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.15	0.07
tblVehicleEF	LHD2	1.3300e-004	1.2900e-004
tblVehicleEF	LHD2	6.1920e-003	6.7670e-003
tblVehicleEF	LHD2	3.3000e-004	1.0400e-004
tblVehicleEF	LHD2	2.1090e-003	2.8050e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.2380e-003	1.5800e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	4.6500e-003	4.3790e-003
tblVehicleEF	LHD2	5.8380e-003	5.0320e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.16
tblVehicleEF	LHD2	0.45	0.57
tblVehicleEF	LHD2	1.68	0.90
tblVehicleEF	LHD2	13.53	13.42
tblVehicleEF	LHD2	634.55	698.01
tblVehicleEF	LHD2	30.01	10.62
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.87	1.06
tblVehicleEF	LHD2	0.67	0.27
tblVehicleEF	LHD2	1.1790e-003	1.1740e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7680e-003	0.01
tblVehicleEF	LHD2	5.5800e-004	1.9100e-004
tblVehicleEF	LHD2	1.1280e-003	1.1230e-003
tblVehicleEF	LHD2	2.6300e-003	2.5990e-003
tblVehicleEF	LHD2	9.3300e-003	0.01
tblVehicleEF	LHD2	5.1400e-004	1.7600e-004
tblVehicleEF	LHD2	1.4720e-003	2.0040e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.5900e-004	1.1070e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.12	0.48
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	1.3300e-004	1.2900e-004
tblVehicleEF	LHD2	6.1910e-003	6.7670e-003
tblVehicleEF	LHD2	3.3100e-004	1.0500e-004
tblVehicleEF	LHD2	1.4720e-003	2.0040e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	8.5900e-004	1.1070e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.12	0.48
tblVehicleEF	LHD2	0.17	0.08
tblVehicleEF	MCY	0.53	0.38
tblVehicleEF	MCY	0.15	0.24
tblVehicleEF	MCY	19.48	19.74

tblVehicleEF	MCY	9.63	8.47
tblVehicleEF	MCY	187.52	223.45
tblVehicleEF	MCY	45.30	60.30
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.3100e-003	2.3150e-003
tblVehicleEF	MCY	4.0640e-003	3.4460e-003
tblVehicleEF	MCY	2.1620e-003	2.1660e-003
tblVehicleEF	MCY	3.8350e-003	3.2510e-003
tblVehicleEF	MCY	1.07	1.10
tblVehicleEF	MCY	0.66	0.69
tblVehicleEF	MCY	0.66	0.68
tblVehicleEF	MCY	2.62	2.65
tblVehicleEF	MCY	0.63	2.16
tblVehicleEF	MCY	2.08	1.84
tblVehicleEF	MCY	2.2730e-003	2.2110e-003
tblVehicleEF	MCY	6.7100e-004	5.9700e-004
tblVehicleEF	MCY	1.07	1.10
tblVehicleEF	MCY	0.66	0.69
tblVehicleEF	MCY	0.66	0.68
tblVehicleEF	MCY	3.25	3.27
tblVehicleEF	MCY	0.63	2.16
tblVehicleEF	MCY	2.26	2.00
tblVehicleEF	MCY	0.52	0.38
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	18.74	18.94
tblVehicleEF	MCY	8.81	7.73

tblVehicleEF	MCY	187.52	221.94
tblVehicleEF	MCY	45.30	58.43
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.3100e-003	2.3150e-003
tblVehicleEF	MCY	4.0640e-003	3.4460e-003
tblVehicleEF	MCY	2.1620e-003	2.1660e-003
tblVehicleEF	MCY	3.8350e-003	3.2510e-003
tblVehicleEF	MCY	1.74	1.75
tblVehicleEF	MCY	0.72	0.75
tblVehicleEF	MCY	1.10	1.09
tblVehicleEF	MCY	2.56	2.58
tblVehicleEF	MCY	0.60	2.03
tblVehicleEF	MCY	1.85	1.63
tblVehicleEF	MCY	2.2590e-003	2.1960e-003
tblVehicleEF	MCY	6.5100e-004	5.7800e-004
tblVehicleEF	MCY	1.74	1.75
tblVehicleEF	MCY	0.72	0.75
tblVehicleEF	MCY	1.10	1.09
tblVehicleEF	MCY	3.17	3.18
tblVehicleEF	MCY	0.60	2.03
tblVehicleEF	MCY	2.01	1.77
tblVehicleEF	MCY	0.53	0.39
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	19.59	19.90
tblVehicleEF	MCY	9.76	8.61
tblVehicleEF	MCY	187.52	223.76

tblVehicleEF	MCY	45.30	60.68
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.3100e-003	2.3150e-003
tblVehicleEF	MCY	4.0640e-003	3.4460e-003
tblVehicleEF	MCY	2.1620e-003	2.1660e-003
tblVehicleEF	MCY	3.8350e-003	3.2510e-003
tblVehicleEF	MCY	1.17	1.19
tblVehicleEF	MCY	0.86	0.89
tblVehicleEF	MCY	0.63	0.65
tblVehicleEF	MCY	2.64	2.66
tblVehicleEF	MCY	0.73	2.48
tblVehicleEF	MCY	2.12	1.88
tblVehicleEF	MCY	2.2750e-003	2.2140e-003
tblVehicleEF	MCY	6.7500e-004	6.0000e-004
tblVehicleEF	MCY	1.17	1.19
tblVehicleEF	MCY	0.86	0.89
tblVehicleEF	MCY	0.63	0.65
tblVehicleEF	MCY	3.26	3.29
tblVehicleEF	MCY	0.73	2.48
tblVehicleEF	MCY	2.31	2.05
tblVehicleEF	MDV	0.02	9.2300e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.77	1.63
tblVehicleEF	MDV	3.11	3.48
tblVehicleEF	MDV	543.27	449.17
tblVehicleEF	MDV	109.34	89.67

tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.29	0.42
tblVehicleEF	MDV	2.4830e-003	2.3870e-003
tblVehicleEF	MDV	2.6470e-003	2.3460e-003
tblVehicleEF	MDV	2.2920e-003	2.2020e-003
tblVehicleEF	MDV	2.4370e-003	2.1600e-003
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.09	0.47
tblVehicleEF	MDV	0.25	0.49
tblVehicleEF	MDV	5.4490e-003	4.4410e-003
tblVehicleEF	MDV	1.1480e-003	8.8700e-004
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.09	0.47
tblVehicleEF	MDV	0.27	0.54
tblVehicleEF	MDV	0.02	9.6790e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.90	1.75
tblVehicleEF	MDV	2.66	2.97
tblVehicleEF	MDV	567.14	462.77
tblVehicleEF	MDV	109.34	88.67
tblVehicleEF	MDV	0.17	0.14

tblVehicleEF	MDV	0.26	0.39
tblVehicleEF	MDV	2.4830e-003	2.3870e-003
tblVehicleEF	MDV	2.6470e-003	2.3460e-003
tblVehicleEF	MDV	2.2920e-003	2.2020e-003
tblVehicleEF	MDV	2.4370e-003	2.1600e-003
tblVehicleEF	MDV	0.11	0.14
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.10	0.13
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.09	0.44
tblVehicleEF	MDV	0.22	0.44
tblVehicleEF	MDV	5.6890e-003	4.5760e-003
tblVehicleEF	MDV	1.1400e-003	8.7700e-004
tblVehicleEF	MDV	0.11	0.14
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.10	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.09	0.44
tblVehicleEF	MDV	0.24	0.48
tblVehicleEF	MDV	0.02	9.0790e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.72	1.59
tblVehicleEF	MDV	3.20	3.60
tblVehicleEF	MDV	534.52	444.14
tblVehicleEF	MDV	109.34	89.90
tblVehicleEF	MDV	0.19	0.15
tblVehicleEF	MDV	0.29	0.43

tblVehicleEF	MDV	2.4830e-003	2.3870e-003
tblVehicleEF	MDV	2.6470e-003	2.3460e-003
tblVehicleEF	MDV	2.2920e-003	2.2020e-003
tblVehicleEF	MDV	2.4370e-003	2.1600e-003
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.25	0.50
tblVehicleEF	MDV	5.3610e-003	4.3920e-003
tblVehicleEF	MDV	1.1500e-003	8.9000e-004
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.28	0.55
tblVehicleEF	MH	0.04	3.4340e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.53	0.31
tblVehicleEF	MH	7.14	0.00
tblVehicleEF	MH	1,138.98	992.05
tblVehicleEF	MH	63.70	0.00
tblVehicleEF	MH	1.26	3.85
tblVehicleEF	MH	0.90	0.00
tblVehicleEF	MH	0.01	0.02

tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.5790e-003	0.00
tblVehicleEF	MH	3.1950e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.4630e-003	0.00
tblVehicleEF	MH	1.18	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.13	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.43	0.00
tblVehicleEF	MH	0.01	9.3780e-003
tblVehicleEF	MH	7.6200e-004	0.00
tblVehicleEF	MH	1.18	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.18	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.47	0.00
tblVehicleEF	MH	0.04	3.4340e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.59	0.31
tblVehicleEF	MH	6.72	0.00
tblVehicleEF	MH	1,138.98	992.05
tblVehicleEF	MH	63.70	0.00
tblVehicleEF	MH	1.15	3.64
tblVehicleEF	MH	0.86	0.00

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.5790e-003	0.00
tblVehicleEF	MH	3.1950e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.4630e-003	0.00
tblVehicleEF	MH	1.74	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.71	0.00
tblVehicleEF	MH	0.13	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.41	0.00
tblVehicleEF	MH	0.01	9.3780e-003
tblVehicleEF	MH	7.5500e-004	0.00
tblVehicleEF	MH	1.74	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.71	0.00
tblVehicleEF	MH	0.18	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.04	3.4340e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.51	0.31
tblVehicleEF	MH	7.19	0.00
tblVehicleEF	MH	1,138.98	992.05
tblVehicleEF	MH	63.70	0.00
tblVehicleEF	MH	1.23	3.78

tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.5790e-003	0.00
tblVehicleEF	MH	3.1950e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.4630e-003	0.00
tblVehicleEF	MH	1.35	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.13	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.43	0.00
tblVehicleEF	MH	0.01	9.3780e-003
tblVehicleEF	MH	7.6300e-004	0.00
tblVehicleEF	MH	1.35	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.18	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.47	0.00
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tblVehicleEF	MHD	8.6590e-003	9.4720e-003
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tblVehicleEF	MHD	0.44	0.40
tblVehicleEF	MHD	0.61	0.87
tblVehicleEF	MHD	7.49	1.63

tblVehicleEF	MHD	133.10	70.04
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tblVehicleEF	MHD	9.86	1.00
tblVehicleEF	MHD	2.2420e-003	2.2340e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	9.3600e-004	1.5500e-004
tblVehicleEF	MHD	2.1450e-003	2.1380e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	8.6100e-004	1.4200e-004
tblVehicleEF	MHD	1.3410e-003	8.0900e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	8.3700e-004	4.9900e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.03	0.17
tblVehicleEF	MHD	0.46	0.07
tblVehicleEF	MHD	1.2830e-003	6.6600e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.8800e-004	1.2700e-004
tblVehicleEF	MHD	1.3410e-003	8.0900e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	8.3700e-004	4.9900e-004
tblVehicleEF	MHD	0.11	0.17

tblVehicleEF	MHD	0.03	0.17
tblVehicleEF	MHD	0.50	0.08
tblVehicleEF	MHD	0.02	4.2550e-003
tblVehicleEF	MHD	8.7760e-003	9.5510e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	0.32	0.32
tblVehicleEF	MHD	0.62	0.88
tblVehicleEF	MHD	7.11	1.55
tblVehicleEF	MHD	140.97	71.66
tblVehicleEF	MHD	1,158.03	1,130.52
tblVehicleEF	MHD	65.62	12.72
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tblVehicleEF	MHD	9.81	0.99
tblVehicleEF	MHD	1.8900e-003	1.8860e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	9.3600e-004	1.5500e-004
tblVehicleEF	MHD	1.8090e-003	1.8040e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	8.6100e-004	1.4200e-004
tblVehicleEF	MHD	2.0150e-003	1.2070e-003
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.1980e-003	7.1000e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.02	0.16
tblVehicleEF	MHD	0.44	0.07

tblVehicleEF	MHD	1.3570e-003	6.8100e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.8100e-004	1.2600e-004
tblVehicleEF	MHD	2.0150e-003	1.2070e-003
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.1980e-003	7.1000e-004
tblVehicleEF	MHD	0.11	0.18
tblVehicleEF	MHD	0.02	0.16
tblVehicleEF	MHD	0.48	0.08
tblVehicleEF	MHD	0.02	4.8430e-003
tblVehicleEF	MHD	8.6270e-003	9.4470e-003
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tblVehicleEF	MHD	0.61	0.51
tblVehicleEF	MHD	0.61	0.87
tblVehicleEF	MHD	7.56	1.64
tblVehicleEF	MHD	122.21	67.80
tblVehicleEF	MHD	1,158.03	1,130.50
tblVehicleEF	MHD	65.62	12.89
tblVehicleEF	MHD	0.78	0.61
tblVehicleEF	MHD	1.83	2.68
tblVehicleEF	MHD	9.87	1.00
tblVehicleEF	MHD	2.7290e-003	2.7160e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	9.3600e-004	1.5500e-004
tblVehicleEF	MHD	2.6110e-003	2.5980e-003
tblVehicleEF	MHD	0.04	0.07

tblVehicleEF	MHD	8.6100e-004	1.4200e-004
tblVehicleEF	MHD	1.4110e-003	8.5500e-004
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	8.2400e-004	4.9200e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.03	0.18
tblVehicleEF	MHD	0.46	0.08
tblVehicleEF	MHD	1.1810e-003	6.4400e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.8900e-004	1.2800e-004
tblVehicleEF	MHD	1.4110e-003	8.5500e-004
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	8.2400e-004	4.9200e-004
tblVehicleEF	MHD	0.11	0.17
tblVehicleEF	MHD	0.03	0.18
tblVehicleEF	MHD	0.51	0.08
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.29	0.61
tblVehicleEF	OBUS	0.68	1.24
tblVehicleEF	OBUS	6.09	2.54
tblVehicleEF	OBUS	110.73	98.40
tblVehicleEF	OBUS	1,273.03	1,457.53
tblVehicleEF	OBUS	68.83	19.88

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tblVehicleEF	OBUS	2.05	2.51
tblVehicleEF	OBUS	2.66	0.62
tblVehicleEF	OBUS	3.0000e-004	3.3600e-003
tblVehicleEF	OBUS	0.01	0.05
tblVehicleEF	OBUS	7.8200e-004	1.9900e-004
tblVehicleEF	OBUS	2.8700e-004	3.2150e-003
tblVehicleEF	OBUS	9.9080e-003	0.05
tblVehicleEF	OBUS	7.2000e-004	1.8300e-004
tblVehicleEF	OBUS	1.4950e-003	1.8640e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.8100e-004	9.3200e-004
tblVehicleEF	OBUS	0.07	0.14
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.38	0.12
tblVehicleEF	OBUS	1.0690e-003	9.3600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9500e-004	1.9700e-004
tblVehicleEF	OBUS	1.4950e-003	1.8640e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.09
tblVehicleEF	OBUS	7.8100e-004	9.3200e-004
tblVehicleEF	OBUS	0.09	0.18
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.42	0.13
tblVehicleEF	OBUS	0.01	9.0380e-003

tblVehicleEF	OBUS	0.01	0.01
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tblVehicleEF	OBUS	2.62	0.61
tblVehicleEF	OBUS	2.5300e-004	2.8370e-003
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tblVehicleEF	OBUS	2.4200e-004	2.7140e-003
tblVehicleEF	OBUS	9.9080e-003	0.05
tblVehicleEF	OBUS	7.2000e-004	1.8300e-004
tblVehicleEF	OBUS	2.1920e-003	2.6900e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.1100e-003	1.3040e-003
tblVehicleEF	OBUS	0.07	0.15
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.37	0.12
tblVehicleEF	OBUS	1.1220e-003	9.4700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9000e-004	1.9400e-004

tblVehicleEF	OBUS	2.1920e-003	2.6900e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.09
tblVehicleEF	OBUS	1.1100e-003	1.3040e-003
tblVehicleEF	OBUS	0.09	0.18
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.40	0.13
tblVehicleEF	OBUS	0.01	9.0690e-003
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.02
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tblVehicleEF	OBUS	3.6500e-004	4.0820e-003
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tblVehicleEF	OBUS	7.8200e-004	1.9900e-004
tblVehicleEF	OBUS	3.4900e-004	3.9050e-003
tblVehicleEF	OBUS	9.9080e-003	0.05
tblVehicleEF	OBUS	7.2000e-004	1.8300e-004
tblVehicleEF	OBUS	1.5550e-003	1.9740e-003
tblVehicleEF	OBUS	0.02	0.02

tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.6300e-004	9.2000e-004
tblVehicleEF	OBUS	0.07	0.14
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.39	0.12
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9600e-004	1.9700e-004
tblVehicleEF	OBUS	1.5550e-003	1.9740e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.06	0.09
tblVehicleEF	OBUS	7.6300e-004	9.2000e-004
tblVehicleEF	OBUS	0.09	0.18
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.42	0.14
tblVehicleEF	SBUS	0.88	0.07
tblVehicleEF	SBUS	0.01	7.9700e-003
tblVehicleEF	SBUS	0.07	6.1510e-003
tblVehicleEF	SBUS	7.89	2.68
tblVehicleEF	SBUS	0.84	0.67
tblVehicleEF	SBUS	7.67	0.86
tblVehicleEF	SBUS	1,153.25	354.14
tblVehicleEF	SBUS	1,098.50	1,133.34
tblVehicleEF	SBUS	52.01	5.22
tblVehicleEF	SBUS	10.62	3.36
tblVehicleEF	SBUS	4.93	5.23
tblVehicleEF	SBUS	12.73	0.80

tblVehicleEF	SBUS	0.01	4.8910e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.4700e-004	4.5000e-005
tblVehicleEF	SBUS	0.01	4.6800e-003
tblVehicleEF	SBUS	2.6880e-003	2.6870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.8700e-004	4.2000e-005
tblVehicleEF	SBUS	3.4480e-003	9.3300e-004
tblVehicleEF	SBUS	0.03	7.9890e-003
tblVehicleEF	SBUS	0.96	0.31
tblVehicleEF	SBUS	1.6800e-003	4.7400e-004
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.40	0.04
tblVehicleEF	SBUS	0.01	3.3780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.5300e-004	5.2000e-005
tblVehicleEF	SBUS	3.4480e-003	9.3300e-004
tblVehicleEF	SBUS	0.03	7.9890e-003
tblVehicleEF	SBUS	1.38	0.44
tblVehicleEF	SBUS	1.6800e-003	4.7400e-004
tblVehicleEF	SBUS	0.14	0.12
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.44	0.04
tblVehicleEF	SBUS	0.88	0.07
tblVehicleEF	SBUS	0.01	8.0600e-003

tblVehicleEF	SBUS	0.06	5.4880e-003
tblVehicleEF	SBUS	7.76	2.63
tblVehicleEF	SBUS	0.86	0.68
tblVehicleEF	SBUS	6.22	0.70
tblVehicleEF	SBUS	1,206.53	363.00
tblVehicleEF	SBUS	1,098.50	1,133.36
tblVehicleEF	SBUS	52.01	4.95
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tblVehicleEF	SBUS	4.65	4.93
tblVehicleEF	SBUS	12.69	0.79
tblVehicleEF	SBUS	0.01	4.1310e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.4700e-004	4.5000e-005
tblVehicleEF	SBUS	9.8410e-003	3.9520e-003
tblVehicleEF	SBUS	2.6880e-003	2.6870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.8700e-004	4.2000e-005
tblVehicleEF	SBUS	5.0870e-003	1.3450e-003
tblVehicleEF	SBUS	0.03	8.1040e-003
tblVehicleEF	SBUS	0.95	0.31
tblVehicleEF	SBUS	2.4200e-003	6.5900e-004
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.36	0.03
tblVehicleEF	SBUS	0.01	3.4610e-003
tblVehicleEF	SBUS	0.01	0.01

tblVehicleEF	SBUS	6.2900e-004	4.9000e-005
tblVehicleEF	SBUS	5.0870e-003	1.3450e-003
tblVehicleEF	SBUS	0.03	8.1040e-003
tblVehicleEF	SBUS	1.37	0.44
tblVehicleEF	SBUS	2.4200e-003	6.5900e-004
tblVehicleEF	SBUS	0.14	0.13
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.39	0.03
tblVehicleEF	SBUS	0.88	0.07
tblVehicleEF	SBUS	0.01	7.9430e-003
tblVehicleEF	SBUS	0.07	6.3030e-003
tblVehicleEF	SBUS	8.07	2.73
tblVehicleEF	SBUS	0.84	0.67
tblVehicleEF	SBUS	7.93	0.89
tblVehicleEF	SBUS	1,079.68	341.91
tblVehicleEF	SBUS	1,098.50	1,133.33
tblVehicleEF	SBUS	52.01	5.27
tblVehicleEF	SBUS	10.15	3.25
tblVehicleEF	SBUS	4.85	5.14
tblVehicleEF	SBUS	12.73	0.80
tblVehicleEF	SBUS	0.01	5.9420e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.4700e-004	4.5000e-005
tblVehicleEF	SBUS	0.01	5.6850e-003
tblVehicleEF	SBUS	2.6880e-003	2.6870e-003
tblVehicleEF	SBUS	0.03	0.03

tblVehicleEF	SBUS	6.8700e-004	4.2000e-005
tblVehicleEF	SBUS	3.6280e-003	9.7000e-004
tblVehicleEF	SBUS	0.03	8.6170e-003
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tblVehicleEF	SBUS	1.6230e-003	4.5900e-004
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.41	0.04
tblVehicleEF	SBUS	0.01	3.2620e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.5700e-004	5.2000e-005
tblVehicleEF	SBUS	3.6280e-003	9.7000e-004
tblVehicleEF	SBUS	0.03	8.6170e-003
tblVehicleEF	SBUS	1.38	0.44
tblVehicleEF	SBUS	1.6230e-003	4.5900e-004
tblVehicleEF	SBUS	0.14	0.12
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.45	0.04
tblVehicleEF	UBUS	2.95	6.22
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	12.36	42.74
tblVehicleEF	UBUS	8.85	0.71
tblVehicleEF	UBUS	2,008.92	1,985.10
tblVehicleEF	UBUS	88.02	8.74
tblVehicleEF	UBUS	11.49	1.21
tblVehicleEF	UBUS	15.98	0.08
tblVehicleEF	UBUS	0.64	0.07

tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.15	3.6950e-003
tblVehicleEF	UBUS	9.7400e-004	3.6000e-005
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9690e-003
tblVehicleEF	UBUS	0.14	3.5330e-003
tblVehicleEF	UBUS	8.9600e-004	3.3000e-005
tblVehicleEF	UBUS	4.1600e-003	6.1300e-004
tblVehicleEF	UBUS	0.07	7.6310e-003
tblVehicleEF	UBUS	2.3210e-003	4.5000e-004
tblVehicleEF	UBUS	0.96	0.16
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	0.01	1.4780e-003
tblVehicleEF	UBUS	1.0390e-003	8.7000e-005
tblVehicleEF	UBUS	4.1600e-003	6.1300e-004
tblVehicleEF	UBUS	0.07	7.6310e-003
tblVehicleEF	UBUS	2.3210e-003	4.5000e-004
tblVehicleEF	UBUS	4.03	6.42
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	2.95	6.22
tblVehicleEF	UBUS	0.04	0.01
tblVehicleEF	UBUS	12.41	42.74
tblVehicleEF	UBUS	7.66	0.63
tblVehicleEF	UBUS	2,008.92	1,985.10
tblVehicleEF	UBUS	88.02	8.60

tblVehicleEF	UBUS	10.84	1.20
tblVehicleEF	UBUS	15.93	0.08
tblVehicleEF	UBUS	0.64	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.15	3.6950e-003
tblVehicleEF	UBUS	9.7400e-004	3.6000e-005
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9690e-003
tblVehicleEF	UBUS	0.14	3.5330e-003
tblVehicleEF	UBUS	8.9600e-004	3.3000e-005
tblVehicleEF	UBUS	5.9230e-003	8.9000e-004
tblVehicleEF	UBUS	0.07	7.8710e-003
tblVehicleEF	UBUS	3.1960e-003	6.2100e-004
tblVehicleEF	UBUS	0.97	0.16
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.60	0.04
tblVehicleEF	UBUS	0.01	1.4780e-003
tblVehicleEF	UBUS	1.0190e-003	8.5000e-005
tblVehicleEF	UBUS	5.9230e-003	8.9000e-004
tblVehicleEF	UBUS	0.07	7.8710e-003
tblVehicleEF	UBUS	3.1960e-003	6.2100e-004
tblVehicleEF	UBUS	4.04	6.42
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	2.95	6.22
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	12.34	42.74

tblVehicleEF	UBUS	9.07	0.73
tblVehicleEF	UBUS	2,008.92	1,985.10
tblVehicleEF	UBUS	88.02	8.77
tblVehicleEF	UBUS	11.27	1.20
tblVehicleEF	UBUS	15.99	0.08
tblVehicleEF	UBUS	0.64	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.15	3.6950e-003
tblVehicleEF	UBUS	9.7400e-004	3.6000e-005
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9690e-003
tblVehicleEF	UBUS	0.14	3.5330e-003
tblVehicleEF	UBUS	8.9600e-004	3.3000e-005
tblVehicleEF	UBUS	4.7740e-003	6.0100e-004
tblVehicleEF	UBUS	0.09	8.1480e-003
tblVehicleEF	UBUS	2.4590e-003	4.2800e-004
tblVehicleEF	UBUS	0.96	0.16
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.67	0.05
tblVehicleEF	UBUS	0.01	1.4780e-003
tblVehicleEF	UBUS	1.0430e-003	8.7000e-005
tblVehicleEF	UBUS	4.7740e-003	6.0100e-004
tblVehicleEF	UBUS	0.09	8.1480e-003
tblVehicleEF	UBUS	2.4590e-003	4.2800e-004
tblVehicleEF	UBUS	4.02	6.42
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.74	0.05

tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	16.30	100.00

tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	14.07
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29
tblVehicleTrips	WD_TR	6.65	2.99

tblVehicleTrips	WD_TR	11.03	6.57
tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	56,358,232.16	73,283,889.90
tblWater	IndoorWaterUseRate	4,674,397.57	4,456,338.28
tblWater	IndoorWaterUseRate	1,335,452.19	3,826,012.10
tblWater	IndoorWaterUseRate	433,324.25	991,238.74
tblWater	OutdoorWaterUseRate	35,530,189.84	0.00
tblWater	OutdoorWaterUseRate	2,864,953.35	0.00
tblWater	OutdoorWaterUseRate	818,502.96	0.00
tblWater	OutdoorWaterUseRate	265,585.83	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	43.25	0.00
tblWoodstoves	NumberNoncatalytic	43.25	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	11.4630	24.1105	139.9227	0.3608	34.7881	0.4400	35.2281	9.2699	0.4131	9.6830		36,957.33 13	36,957.331 3	2.2697		37,014.07 31
Unmitigated	11.4630	24.1105	139.9227	0.3608	34.7881	0.4400	35.2281	9.2699	0.4131	9.6830		36,957.33 13	36,957.331 3	2.2697		37,014.07 31

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,586.35	2,586.35	2586.35	13,245,940	13,245,940
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	172.79	39.19	12.36	669,819	669,819
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	292.86	92.58	138.19	1,240,189	1,240,189
Regional Shopping Center	139.11	170.00	77.75	690,165	690,165
Total	3,191.12	2,888.12	2,814.65	15,846,112	15,846,112

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	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Regional Shopping Center	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.565790	0.046936	0.208125	0.126817	0.017162	0.003831	0.012156	0.010000	0.001533	0.001484	0.005170	0.000426	0.000570
Enclosed Parking with Elevator	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
General Office Building	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Other Asphalt Surfaces	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Other Non-Asphalt Surfaces	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Recreational Swimming Pool	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Regional Shopping Center	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782
NaturalGas Unmitigated	0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

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	24973.2	0.2693	2.3015	0.9793	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.0251	2,938.0251	0.0563	0.0539	2,955.4843
Enclosed Parking with Elevator	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
General Office Building	896.362	9.6700e-003	0.0879	0.0738	5.3000e-004		6.6800e-003	6.6800e-003		6.6800e-003	6.6800e-003		105.4543	105.4543	2.0200e-003	1.9300e-003	106.0810
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	1224.89	0.0132	0.1201	0.1009	7.2000e-004		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003		144.1044	144.1044	2.7600e-003	2.6400e-003	144.9608
Regional Shopping Center	29.1699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

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	24.9732	0.2693	2.3015	0.9793	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.0251	2,938.0251	0.0563	0.0539	2,955.4843
Enclosed Parking with Elevator	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
General Office Building	0.896362	9.6700e-003	0.0879	0.0738	5.3000e-004		6.6800e-003	6.6800e-003		6.6800e-003	6.6800e-003		105.4543	105.4543	2.0200e-003	1.9300e-003	106.0810
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	1.22489	0.0132	0.1201	0.1009	7.2000e-004		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003		144.1044	144.1044	2.7600e-003	2.6400e-003	144.9608
Regional Shopping Center	0.0291699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.0396	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939	0.0000	128.6252	128.6252	0.1256	0.0000	131.7662
Unmitigated	16.0396	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939	0.0000	128.6252	128.6252	0.1256	0.0000	131.7662

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	1.1497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.7039					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	2.1859	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939		128.6252	128.6252	0.1256		131.7662
Total	16.0396	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939	0.0000	128.6252	128.6252	0.1256	0.0000	131.7662

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	1.1497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.7039					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	2.1859	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939		128.6252	128.6252	0.1256		131.7662
Total	16.0396	0.8287	71.6607	3.7700e-003		0.3939	0.3939		0.3939	0.3939	0.0000	128.6252	128.6252	0.1256	0.0000	131.7662

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

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

Existing 2020 - Los Angeles-South Coast County, Annual

Existing 2020
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	26.30	1000sqft	0.60	26,300.00	0
Enclosed Parking with Elevator	520.00	Space	4.78	208,000.00	0
Other Asphalt Surfaces	3.62	Acre	3.62	157,687.00	0
Other Non-Asphalt Surfaces	4.03	Acre	4.03	0.00	0
Recreational Swimming Pool	22.58	1000sqft	0.52	22,580.00	0
Apartments Mid Rise	865.00	Dwelling Unit	13.32	580,340.00	2474
Regional Shopping Center	5.85	1000sqft	0.13	5,850.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	531.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - Utilizes energy rates for a health club.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	21941	12480
tblEnergyUse	LightingElect	0.00	3.85
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	0.00	2.94
tblEnergyUse	T24NG	0.00	15.35
tblFireplaces	NumberGas	735.25	0.00
tblFireplaces	NumberNoFireplace	86.50	865.00
tblFireplaces	NumberWood	43.25	0.00
tblFleetMix	HHD	0.03	0.01
tblFleetMix	LDA	0.55	0.57
tblFleetMix	LDT1	0.05	0.05
tblFleetMix	LDT2	0.20	0.21

tblFleetMix	LHD1	0.02	0.02
tblFleetMix	LHD2	6.0900e-003	3.8310e-003
tblFleetMix	MCY	5.0050e-003	5.1700e-003
tblFleetMix	MDV	0.12	0.13
tblFleetMix	MH	9.0700e-004	5.7000e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.4380e-003	1.5330e-003
tblFleetMix	SBUS	6.7700e-004	4.2600e-004
tblFleetMix	UBUS	2.3590e-003	1.4840e-003
tblLandUse	LandUseSquareFeet	157,687.20	157,687.00
tblLandUse	LandUseSquareFeet	175,546.80	0.00
tblLandUse	LandUseSquareFeet	865,000.00	580,340.00
tblLandUse	LotAcreage	4.68	4.78
tblLandUse	LotAcreage	22.76	13.32
tblProjectCharacteristics	CO2IntensityFactor	702.44	531.44
tblSolidWaste	SolidWasteGenerationRate	397.90	631.45
tblSolidWaste	SolidWasteGenerationRate	24.46	287.99
tblSolidWaste	SolidWasteGenerationRate	128.71	247.25
tblSolidWaste	SolidWasteGenerationRate	6.14	64.06
tblVehicleEF	HHD	0.68	0.03
tblVehicleEF	HHD	0.09	0.08
tblVehicleEF	HHD	0.10	1.0000e-006
tblVehicleEF	HHD	2.75	5.64
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tblVehicleEF	HHD	4,770.40	1,146.12
tblVehicleEF	HHD	1,679.50	1,557.30

tblVehicleEF	HHD	10.80	0.11
tblVehicleEF	HHD	22.90	6.45
tblVehicleEF	HHD	4.59	4.62
tblVehicleEF	HHD	19.58	1.76
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.06	0.06
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tblVehicleEF	HHD	0.03	0.03
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tblVehicleEF	HHD	0.03	0.03
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tblVehicleEF	HHD	0.16	0.15
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tblVehicleEF	HHD	0.02	0.06
tblVehicleEF	HHD	1.0700e-004	3.0000e-006
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tblVehicleEF	HHD	0.03	0.03
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tblVehicleEF	LDA	0.12	0.12
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tblVehicleEF	LDA	0.06	0.08
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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.05	0.26
tblVehicleEF	LDA	0.11	0.31
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tblVehicleEF	LDT1	0.02	0.09

tblVehicleEF	LDT1	2.02	1.84
tblVehicleEF	LDT1	3.43	2.45
tblVehicleEF	LDT1	360.63	336.32
tblVehicleEF	LDT1	73.09	67.01
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.20	0.30
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tblVehicleEF	LDT1	3.7850e-003	3.0810e-003
tblVehicleEF	LDT1	3.6370e-003	2.9870e-003
tblVehicleEF	LDT1	3.4820e-003	2.8330e-003
tblVehicleEF	LDT1	0.15	0.15
tblVehicleEF	LDT1	0.30	0.24
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.19	0.82
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tblVehicleEF	LDT1	0.30	0.24
tblVehicleEF	LDT1	0.12	0.13
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.19	0.82
tblVehicleEF	LDT1	0.26	0.48
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tblVehicleEF	LDT1	0.02	0.08
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tblVehicleEF	LDT1	3.7850e-003	3.0810e-003
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tblVehicleEF	LDT1	0.32	0.25
tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.18	0.76
tblVehicleEF	LDT1	0.21	0.39
tblVehicleEF	LDT1	3.7920e-003	3.4550e-003
tblVehicleEF	LDT1	7.8200e-004	6.5600e-004
tblVehicleEF	LDT1	0.23	0.24
tblVehicleEF	LDT1	0.32	0.25
tblVehicleEF	LDT1	0.17	0.18
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.18	0.76
tblVehicleEF	LDT1	0.23	0.43
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	1.96	1.78
tblVehicleEF	LDT1	3.54	2.53

tblVehicleEF	LDT1	354.88	331.57
tblVehicleEF	LDT1	73.09	67.18
tblVehicleEF	LDT1	0.19	0.16
tblVehicleEF	LDT1	0.20	0.31
tblVehicleEF	LDT1	3.9490e-003	3.2450e-003
tblVehicleEF	LDT1	3.7850e-003	3.0810e-003
tblVehicleEF	LDT1	3.6370e-003	2.9870e-003
tblVehicleEF	LDT1	3.4820e-003	2.8330e-003
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.35	0.27
tblVehicleEF	LDT1	0.11	0.12
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.23	0.98
tblVehicleEF	LDT1	0.25	0.45
tblVehicleEF	LDT1	3.5750e-003	3.2810e-003
tblVehicleEF	LDT1	7.9300e-004	6.6500e-004
tblVehicleEF	LDT1	0.15	0.16
tblVehicleEF	LDT1	0.35	0.27
tblVehicleEF	LDT1	0.11	0.12
tblVehicleEF	LDT1	0.07	0.07
tblVehicleEF	LDT1	0.23	0.98
tblVehicleEF	LDT1	0.27	0.50
tblVehicleEF	LDT2	8.6320e-003	6.3280e-003
tblVehicleEF	LDT2	8.2970e-003	0.08
tblVehicleEF	LDT2	0.97	1.23
tblVehicleEF	LDT2	1.67	2.86
tblVehicleEF	LDT2	408.00	367.53

tblVehicleEF	LDT2	83.22	73.71
tblVehicleEF	LDT2	0.10	0.11
tblVehicleEF	LDT2	0.14	0.35
tblVehicleEF	LDT2	2.1760e-003	2.1380e-003
tblVehicleEF	LDT2	2.3520e-003	2.0990e-003
tblVehicleEF	LDT2	2.0020e-003	1.9680e-003
tblVehicleEF	LDT2	2.1630e-003	1.9300e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.11	0.38
tblVehicleEF	LDT2	4.0880e-003	3.6360e-003
tblVehicleEF	LDT2	8.6100e-004	7.2900e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.44
tblVehicleEF	LDT2	0.12	0.41
tblVehicleEF	LDT2	9.1430e-003	6.7250e-003
tblVehicleEF	LDT2	7.3790e-003	0.07
tblVehicleEF	LDT2	1.07	1.35
tblVehicleEF	LDT2	1.43	2.44
tblVehicleEF	LDT2	426.32	380.44
tblVehicleEF	LDT2	83.22	72.90

tblVehicleEF	LDT2	0.09	0.10
tblVehicleEF	LDT2	0.13	0.32
tblVehicleEF	LDT2	2.1760e-003	2.1380e-003
tblVehicleEF	LDT2	2.3520e-003	2.0990e-003
tblVehicleEF	LDT2	2.0020e-003	1.9680e-003
tblVehicleEF	LDT2	2.1630e-003	1.9300e-003
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.10	0.34
tblVehicleEF	LDT2	4.2730e-003	3.7640e-003
tblVehicleEF	LDT2	8.5600e-004	7.2100e-004
tblVehicleEF	LDT2	0.08	0.12
tblVehicleEF	LDT2	0.12	0.14
tblVehicleEF	LDT2	0.07	0.11
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.41
tblVehicleEF	LDT2	0.11	0.37
tblVehicleEF	LDT2	8.4620e-003	6.2020e-003
tblVehicleEF	LDT2	8.4930e-003	0.08
tblVehicleEF	LDT2	0.94	1.19
tblVehicleEF	LDT2	1.73	2.96
tblVehicleEF	LDT2	401.27	362.75
tblVehicleEF	LDT2	83.22	73.90
tblVehicleEF	LDT2	0.10	0.11

tblVehicleEF	LDT2	0.15	0.35
tblVehicleEF	LDT2	2.1760e-003	2.1380e-003
tblVehicleEF	LDT2	2.3520e-003	2.0990e-003
tblVehicleEF	LDT2	2.0020e-003	1.9680e-003
tblVehicleEF	LDT2	2.1630e-003	1.9300e-003
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.11	0.39
tblVehicleEF	LDT2	4.0210e-003	3.5890e-003
tblVehicleEF	LDT2	8.6200e-004	7.3100e-004
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.13	0.15
tblVehicleEF	LDT2	0.05	0.08
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.08	0.52
tblVehicleEF	LDT2	0.13	0.42
tblVehicleEF	LHD1	6.3570e-003	6.1110e-003
tblVehicleEF	LHD1	0.02	7.2760e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.20
tblVehicleEF	LHD1	1.07	0.85
tblVehicleEF	LHD1	3.29	1.27
tblVehicleEF	LHD1	8.89	8.96
tblVehicleEF	LHD1	622.45	695.35

tblVehicleEF	LHD1	35.85	13.43
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.15	0.81
tblVehicleEF	LHD1	1.13	0.38
tblVehicleEF	LHD1	7.9800e-004	6.7500e-004
tblVehicleEF	LHD1	9.8890e-003	9.5180e-003
tblVehicleEF	LHD1	9.6360e-003	6.9410e-003
tblVehicleEF	LHD1	1.1970e-003	3.3400e-004
tblVehicleEF	LHD1	7.6300e-004	6.4600e-004
tblVehicleEF	LHD1	2.4720e-003	2.3800e-003
tblVehicleEF	LHD1	9.1880e-003	6.6080e-003
tblVehicleEF	LHD1	1.1020e-003	3.0700e-004
tblVehicleEF	LHD1	3.4680e-003	2.9780e-003
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.0560e-003	1.7700e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.32	0.10
tblVehicleEF	LHD1	9.0000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1270e-003	6.8010e-003
tblVehicleEF	LHD1	4.2000e-004	1.3300e-004
tblVehicleEF	LHD1	3.4680e-003	2.9780e-003
tblVehicleEF	LHD1	0.11	0.09
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.0560e-003	1.7700e-003
tblVehicleEF	LHD1	0.10	0.08

tblVehicleEF	LHD1	0.33	0.64
tblVehicleEF	LHD1	0.35	0.11
tblVehicleEF	LHD1	6.3570e-003	6.1240e-003
tblVehicleEF	LHD1	0.02	7.4190e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.20
tblVehicleEF	LHD1	1.08	0.87
tblVehicleEF	LHD1	3.14	1.22
tblVehicleEF	LHD1	8.89	8.96
tblVehicleEF	LHD1	622.45	695.38
tblVehicleEF	LHD1	35.85	13.33
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.07	0.76
tblVehicleEF	LHD1	1.08	0.36
tblVehicleEF	LHD1	7.9800e-004	6.7500e-004
tblVehicleEF	LHD1	9.8890e-003	9.5180e-003
tblVehicleEF	LHD1	9.6360e-003	6.9410e-003
tblVehicleEF	LHD1	1.1970e-003	3.3400e-004
tblVehicleEF	LHD1	7.6300e-004	6.4600e-004
tblVehicleEF	LHD1	2.4720e-003	2.3800e-003
tblVehicleEF	LHD1	9.1880e-003	6.6080e-003
tblVehicleEF	LHD1	1.1020e-003	3.0700e-004
tblVehicleEF	LHD1	5.2080e-003	4.3920e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.9180e-003	2.4690e-003
tblVehicleEF	LHD1	0.08	0.06

tblVehicleEF	LHD1	0.32	0.62
tblVehicleEF	LHD1	0.31	0.09
tblVehicleEF	LHD1	9.0000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1280e-003	6.8010e-003
tblVehicleEF	LHD1	4.1700e-004	1.3200e-004
tblVehicleEF	LHD1	5.2080e-003	4.3920e-003
tblVehicleEF	LHD1	0.12	0.10
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.9180e-003	2.4690e-003
tblVehicleEF	LHD1	0.10	0.08
tblVehicleEF	LHD1	0.32	0.62
tblVehicleEF	LHD1	0.34	0.10
tblVehicleEF	LHD1	6.3570e-003	6.1080e-003
tblVehicleEF	LHD1	0.02	7.2360e-003
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	0.16	0.20
tblVehicleEF	LHD1	1.06	0.85
tblVehicleEF	LHD1	3.32	1.28
tblVehicleEF	LHD1	8.89	8.96
tblVehicleEF	LHD1	622.45	695.35
tblVehicleEF	LHD1	35.85	13.45
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	1.13	0.80
tblVehicleEF	LHD1	1.14	0.38
tblVehicleEF	LHD1	7.9800e-004	6.7500e-004
tblVehicleEF	LHD1	9.8890e-003	9.5180e-003
tblVehicleEF	LHD1	9.6360e-003	6.9410e-003

tblVehicleEF	LHD1	1.1970e-003	3.3400e-004
tblVehicleEF	LHD1	7.6300e-004	6.4600e-004
tblVehicleEF	LHD1	2.4720e-003	2.3800e-003
tblVehicleEF	LHD1	9.1880e-003	6.6080e-003
tblVehicleEF	LHD1	1.1020e-003	3.0700e-004
tblVehicleEF	LHD1	3.6860e-003	3.1700e-003
tblVehicleEF	LHD1	0.13	0.11
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.0330e-003	1.7530e-003
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.35	0.70
tblVehicleEF	LHD1	0.32	0.10
tblVehicleEF	LHD1	9.0000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1270e-003	6.8010e-003
tblVehicleEF	LHD1	4.2100e-004	1.3300e-004
tblVehicleEF	LHD1	3.6860e-003	3.1700e-003
tblVehicleEF	LHD1	0.13	0.11
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.0330e-003	1.7530e-003
tblVehicleEF	LHD1	0.10	0.07
tblVehicleEF	LHD1	0.35	0.70
tblVehicleEF	LHD1	0.36	0.11
tblVehicleEF	LHD2	4.6500e-003	4.3800e-003
tblVehicleEF	LHD2	5.8620e-003	5.0500e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.16
tblVehicleEF	LHD2	0.45	0.57

tblVehicleEF	LHD2	1.67	0.89
tblVehicleEF	LHD2	13.53	13.42
tblVehicleEF	LHD2	634.55	698.02
tblVehicleEF	LHD2	30.01	10.61
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.88	1.08
tblVehicleEF	LHD2	0.66	0.27
tblVehicleEF	LHD2	1.1790e-003	1.1740e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7680e-003	0.01
tblVehicleEF	LHD2	5.5800e-004	1.9100e-004
tblVehicleEF	LHD2	1.1280e-003	1.1230e-003
tblVehicleEF	LHD2	2.6300e-003	2.5990e-003
tblVehicleEF	LHD2	9.3300e-003	0.01
tblVehicleEF	LHD2	5.1400e-004	1.7600e-004
tblVehicleEF	LHD2	1.4140e-003	1.9030e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.8000e-004	1.1330e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.11	0.44
tblVehicleEF	LHD2	0.15	0.07
tblVehicleEF	LHD2	1.3300e-004	1.2900e-004
tblVehicleEF	LHD2	6.1920e-003	6.7670e-003
tblVehicleEF	LHD2	3.3100e-004	1.0500e-004
tblVehicleEF	LHD2	1.4140e-003	1.9030e-003
tblVehicleEF	LHD2	0.05	0.06

tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	8.8000e-004	1.1330e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.11	0.44
tblVehicleEF	LHD2	0.17	0.07
tblVehicleEF	LHD2	4.6500e-003	4.3900e-003
tblVehicleEF	LHD2	5.9540e-003	5.1160e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.16
tblVehicleEF	LHD2	0.46	0.58
tblVehicleEF	LHD2	1.60	0.85
tblVehicleEF	LHD2	13.53	13.42
tblVehicleEF	LHD2	634.55	698.03
tblVehicleEF	LHD2	30.01	10.54
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.83	1.02
tblVehicleEF	LHD2	0.63	0.26
tblVehicleEF	LHD2	1.1790e-003	1.1740e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7680e-003	0.01
tblVehicleEF	LHD2	5.5800e-004	1.9100e-004
tblVehicleEF	LHD2	1.1280e-003	1.1230e-003
tblVehicleEF	LHD2	2.6300e-003	2.5990e-003
tblVehicleEF	LHD2	9.3300e-003	0.01
tblVehicleEF	LHD2	5.1400e-004	1.7600e-004
tblVehicleEF	LHD2	2.1090e-003	2.8050e-003
tblVehicleEF	LHD2	0.05	0.07

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.2380e-003	1.5800e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.15	0.07
tblVehicleEF	LHD2	1.3300e-004	1.2900e-004
tblVehicleEF	LHD2	6.1920e-003	6.7670e-003
tblVehicleEF	LHD2	3.3000e-004	1.0400e-004
tblVehicleEF	LHD2	2.1090e-003	2.8050e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	1.2380e-003	1.5800e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.10	0.42
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	4.6500e-003	4.3790e-003
tblVehicleEF	LHD2	5.8380e-003	5.0320e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	0.14	0.16
tblVehicleEF	LHD2	0.45	0.57
tblVehicleEF	LHD2	1.68	0.90
tblVehicleEF	LHD2	13.53	13.42
tblVehicleEF	LHD2	634.55	698.01
tblVehicleEF	LHD2	30.01	10.62
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.87	1.06
tblVehicleEF	LHD2	0.67	0.27

tblVehicleEF	LHD2	1.1790e-003	1.1740e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7680e-003	0.01
tblVehicleEF	LHD2	5.5800e-004	1.9100e-004
tblVehicleEF	LHD2	1.1280e-003	1.1230e-003
tblVehicleEF	LHD2	2.6300e-003	2.5990e-003
tblVehicleEF	LHD2	9.3300e-003	0.01
tblVehicleEF	LHD2	5.1400e-004	1.7600e-004
tblVehicleEF	LHD2	1.4720e-003	2.0040e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	8.5900e-004	1.1070e-003
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.12	0.48
tblVehicleEF	LHD2	0.16	0.07
tblVehicleEF	LHD2	1.3300e-004	1.2900e-004
tblVehicleEF	LHD2	6.1910e-003	6.7670e-003
tblVehicleEF	LHD2	3.3100e-004	1.0500e-004
tblVehicleEF	LHD2	1.4720e-003	2.0040e-003
tblVehicleEF	LHD2	0.05	0.07
tblVehicleEF	LHD2	0.02	0.03
tblVehicleEF	LHD2	8.5900e-004	1.1070e-003
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.12	0.48
tblVehicleEF	LHD2	0.17	0.08
tblVehicleEF	MCY	0.53	0.38
tblVehicleEF	MCY	0.15	0.24

tblVehicleEF	MCY	19.48	19.74
tblVehicleEF	MCY	9.63	8.47
tblVehicleEF	MCY	187.52	223.45
tblVehicleEF	MCY	45.30	60.30
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.3100e-003	2.3150e-003
tblVehicleEF	MCY	4.0640e-003	3.4460e-003
tblVehicleEF	MCY	2.1620e-003	2.1660e-003
tblVehicleEF	MCY	3.8350e-003	3.2510e-003
tblVehicleEF	MCY	1.07	1.10
tblVehicleEF	MCY	0.66	0.69
tblVehicleEF	MCY	0.66	0.68
tblVehicleEF	MCY	2.62	2.65
tblVehicleEF	MCY	0.63	2.16
tblVehicleEF	MCY	2.08	1.84
tblVehicleEF	MCY	2.2730e-003	2.2110e-003
tblVehicleEF	MCY	6.7100e-004	5.9700e-004
tblVehicleEF	MCY	1.07	1.10
tblVehicleEF	MCY	0.66	0.69
tblVehicleEF	MCY	0.66	0.68
tblVehicleEF	MCY	3.25	3.27
tblVehicleEF	MCY	0.63	2.16
tblVehicleEF	MCY	2.26	2.00
tblVehicleEF	MCY	0.52	0.38
tblVehicleEF	MCY	0.14	0.21
tblVehicleEF	MCY	18.74	18.94

tblVehicleEF	MCY	8.81	7.73
tblVehicleEF	MCY	187.52	221.94
tblVehicleEF	MCY	45.30	58.43
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.3100e-003	2.3150e-003
tblVehicleEF	MCY	4.0640e-003	3.4460e-003
tblVehicleEF	MCY	2.1620e-003	2.1660e-003
tblVehicleEF	MCY	3.8350e-003	3.2510e-003
tblVehicleEF	MCY	1.74	1.75
tblVehicleEF	MCY	0.72	0.75
tblVehicleEF	MCY	1.10	1.09
tblVehicleEF	MCY	2.56	2.58
tblVehicleEF	MCY	0.60	2.03
tblVehicleEF	MCY	1.85	1.63
tblVehicleEF	MCY	2.2590e-003	2.1960e-003
tblVehicleEF	MCY	6.5100e-004	5.7800e-004
tblVehicleEF	MCY	1.74	1.75
tblVehicleEF	MCY	0.72	0.75
tblVehicleEF	MCY	1.10	1.09
tblVehicleEF	MCY	3.17	3.18
tblVehicleEF	MCY	0.60	2.03
tblVehicleEF	MCY	2.01	1.77
tblVehicleEF	MCY	0.53	0.39
tblVehicleEF	MCY	0.16	0.24
tblVehicleEF	MCY	19.59	19.90
tblVehicleEF	MCY	9.76	8.61

tblVehicleEF	MCY	187.52	223.76
tblVehicleEF	MCY	45.30	60.68
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.3100e-003	2.3150e-003
tblVehicleEF	MCY	4.0640e-003	3.4460e-003
tblVehicleEF	MCY	2.1620e-003	2.1660e-003
tblVehicleEF	MCY	3.8350e-003	3.2510e-003
tblVehicleEF	MCY	1.17	1.19
tblVehicleEF	MCY	0.86	0.89
tblVehicleEF	MCY	0.63	0.65
tblVehicleEF	MCY	2.64	2.66
tblVehicleEF	MCY	0.73	2.48
tblVehicleEF	MCY	2.12	1.88
tblVehicleEF	MCY	2.2750e-003	2.2140e-003
tblVehicleEF	MCY	6.7500e-004	6.0000e-004
tblVehicleEF	MCY	1.17	1.19
tblVehicleEF	MCY	0.86	0.89
tblVehicleEF	MCY	0.63	0.65
tblVehicleEF	MCY	3.26	3.29
tblVehicleEF	MCY	0.73	2.48
tblVehicleEF	MCY	2.31	2.05
tblVehicleEF	MDV	0.02	9.2300e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.77	1.63
tblVehicleEF	MDV	3.11	3.48
tblVehicleEF	MDV	543.27	449.17

tblVehicleEF	MDV	109.34	89.67
tblVehicleEF	MDV	0.19	0.16
tblVehicleEF	MDV	0.29	0.42
tblVehicleEF	MDV	2.4830e-003	2.3870e-003
tblVehicleEF	MDV	2.6470e-003	2.3460e-003
tblVehicleEF	MDV	2.2920e-003	2.2020e-003
tblVehicleEF	MDV	2.4370e-003	2.1600e-003
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.09	0.47
tblVehicleEF	MDV	0.25	0.49
tblVehicleEF	MDV	5.4490e-003	4.4410e-003
tblVehicleEF	MDV	1.1480e-003	8.8700e-004
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.09	0.47
tblVehicleEF	MDV	0.27	0.54
tblVehicleEF	MDV	0.02	9.6790e-003
tblVehicleEF	MDV	0.02	0.09
tblVehicleEF	MDV	1.90	1.75
tblVehicleEF	MDV	2.66	2.97
tblVehicleEF	MDV	567.14	462.77
tblVehicleEF	MDV	109.34	88.67

tblVehicleEF	MDV	0.17	0.14
tblVehicleEF	MDV	0.26	0.39
tblVehicleEF	MDV	2.4830e-003	2.3870e-003
tblVehicleEF	MDV	2.6470e-003	2.3460e-003
tblVehicleEF	MDV	2.2920e-003	2.2020e-003
tblVehicleEF	MDV	2.4370e-003	2.1600e-003
tblVehicleEF	MDV	0.11	0.14
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.10	0.13
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.09	0.44
tblVehicleEF	MDV	0.22	0.44
tblVehicleEF	MDV	5.6890e-003	4.5760e-003
tblVehicleEF	MDV	1.1400e-003	8.7700e-004
tblVehicleEF	MDV	0.11	0.14
tblVehicleEF	MDV	0.17	0.16
tblVehicleEF	MDV	0.10	0.13
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.09	0.44
tblVehicleEF	MDV	0.24	0.48
tblVehicleEF	MDV	0.02	9.0790e-003
tblVehicleEF	MDV	0.02	0.10
tblVehicleEF	MDV	1.72	1.59
tblVehicleEF	MDV	3.20	3.60
tblVehicleEF	MDV	534.52	444.14
tblVehicleEF	MDV	109.34	89.90
tblVehicleEF	MDV	0.19	0.15

tblVehicleEF	MDV	0.29	0.43
tblVehicleEF	MDV	2.4830e-003	2.3870e-003
tblVehicleEF	MDV	2.6470e-003	2.3460e-003
tblVehicleEF	MDV	2.2920e-003	2.2020e-003
tblVehicleEF	MDV	2.4370e-003	2.1600e-003
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.05	0.04
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.25	0.50
tblVehicleEF	MDV	5.3610e-003	4.3920e-003
tblVehicleEF	MDV	1.1500e-003	8.9000e-004
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.18	0.17
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.07	0.06
tblVehicleEF	MDV	0.11	0.55
tblVehicleEF	MDV	0.28	0.55
tblVehicleEF	MH	0.04	3.4340e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.53	0.31
tblVehicleEF	MH	7.14	0.00
tblVehicleEF	MH	1,138.98	992.05
tblVehicleEF	MH	63.70	0.00
tblVehicleEF	MH	1.26	3.85
tblVehicleEF	MH	0.90	0.00

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.5790e-003	0.00
tblVehicleEF	MH	3.1950e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.4630e-003	0.00
tblVehicleEF	MH	1.18	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.13	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.43	0.00
tblVehicleEF	MH	0.01	9.3780e-003
tblVehicleEF	MH	7.6200e-004	0.00
tblVehicleEF	MH	1.18	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.18	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.47	0.00
tblVehicleEF	MH	0.04	3.4340e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.59	0.31
tblVehicleEF	MH	6.72	0.00
tblVehicleEF	MH	1,138.98	992.05
tblVehicleEF	MH	63.70	0.00
tblVehicleEF	MH	1.15	3.64

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tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.5790e-003	0.00
tblVehicleEF	MH	3.1950e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.4630e-003	0.00
tblVehicleEF	MH	1.74	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.71	0.00
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tblVehicleEF	MH	1.74	0.00
tblVehicleEF	MH	0.08	0.00
tblVehicleEF	MH	0.71	0.00
tblVehicleEF	MH	0.18	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.45	0.00
tblVehicleEF	MH	0.04	3.4340e-003
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	3.51	0.31
tblVehicleEF	MH	7.19	0.00
tblVehicleEF	MH	1,138.98	992.05
tblVehicleEF	MH	63.70	0.00

tblVehicleEF	MH	1.23	3.78
tblVehicleEF	MH	0.91	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	0.02	0.09
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tblVehicleEF	MH	3.1950e-003	4.0000e-003
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	1.4630e-003	0.00
tblVehicleEF	MH	1.35	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.13	0.07
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.43	0.00
tblVehicleEF	MH	0.01	9.3780e-003
tblVehicleEF	MH	7.6300e-004	0.00
tblVehicleEF	MH	1.35	0.00
tblVehicleEF	MH	0.10	0.00
tblVehicleEF	MH	0.51	0.00
tblVehicleEF	MH	0.18	0.08
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.47	0.00
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tblVehicleEF	MHD	8.6590e-003	9.4720e-003
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tblVehicleEF	MHD	0.44	0.40
tblVehicleEF	MHD	0.61	0.87

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tblVehicleEF	MHD	2.2420e-003	2.2340e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	9.3600e-004	1.5500e-004
tblVehicleEF	MHD	2.1450e-003	2.1380e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	8.6100e-004	1.4200e-004
tblVehicleEF	MHD	1.3410e-003	8.0900e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	8.3700e-004	4.9900e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.03	0.17
tblVehicleEF	MHD	0.46	0.07
tblVehicleEF	MHD	1.2830e-003	6.6600e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.8800e-004	1.2700e-004
tblVehicleEF	MHD	1.3410e-003	8.0900e-004
tblVehicleEF	MHD	0.05	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	8.3700e-004	4.9900e-004

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tblVehicleEF	MHD	0.50	0.08
tblVehicleEF	MHD	0.02	4.2550e-003
tblVehicleEF	MHD	8.7760e-003	9.5510e-003
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tblVehicleEF	MHD	0.32	0.32
tblVehicleEF	MHD	0.62	0.88
tblVehicleEF	MHD	7.11	1.55
tblVehicleEF	MHD	140.97	71.66
tblVehicleEF	MHD	1,158.03	1,130.52
tblVehicleEF	MHD	65.62	12.72
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tblVehicleEF	MHD	9.81	0.99
tblVehicleEF	MHD	1.8900e-003	1.8860e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	9.3600e-004	1.5500e-004
tblVehicleEF	MHD	1.8090e-003	1.8040e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	8.6100e-004	1.4200e-004
tblVehicleEF	MHD	2.0150e-003	1.2070e-003
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	1.1980e-003	7.1000e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.02	0.16

tblVehicleEF	MHD	0.44	0.07
tblVehicleEF	MHD	1.3570e-003	6.8100e-004
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tblVehicleEF	MHD	7.8100e-004	1.2600e-004
tblVehicleEF	MHD	2.0150e-003	1.2070e-003
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tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	1.1980e-003	7.1000e-004
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tblVehicleEF	MHD	0.02	4.8430e-003
tblVehicleEF	MHD	8.6270e-003	9.4470e-003
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tblVehicleEF	MHD	0.61	0.51
tblVehicleEF	MHD	0.61	0.87
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tblVehicleEF	MHD	0.78	0.61
tblVehicleEF	MHD	1.83	2.68
tblVehicleEF	MHD	9.87	1.00
tblVehicleEF	MHD	2.7290e-003	2.7160e-003
tblVehicleEF	MHD	0.04	0.07
tblVehicleEF	MHD	9.3600e-004	1.5500e-004
tblVehicleEF	MHD	2.6110e-003	2.5980e-003

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tblVehicleEF	MHD	8.6100e-004	1.4200e-004
tblVehicleEF	MHD	1.4110e-003	8.5500e-004
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	8.2400e-004	4.9200e-004
tblVehicleEF	MHD	0.09	0.15
tblVehicleEF	MHD	0.03	0.18
tblVehicleEF	MHD	0.46	0.08
tblVehicleEF	MHD	1.1810e-003	6.4400e-004
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.8900e-004	1.2800e-004
tblVehicleEF	MHD	1.4110e-003	8.5500e-004
tblVehicleEF	MHD	0.06	0.03
tblVehicleEF	MHD	0.05	0.04
tblVehicleEF	MHD	8.2400e-004	4.9200e-004
tblVehicleEF	MHD	0.11	0.17
tblVehicleEF	MHD	0.03	0.18
tblVehicleEF	MHD	0.51	0.08
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	0.03	0.02
tblVehicleEF	OBUS	0.29	0.61
tblVehicleEF	OBUS	0.68	1.24
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tblVehicleEF	OBUS	1,273.03	1,457.53

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tblVehicleEF	OBUS	2.66	0.62
tblVehicleEF	OBUS	3.0000e-004	3.3600e-003
tblVehicleEF	OBUS	0.01	0.05
tblVehicleEF	OBUS	7.8200e-004	1.9900e-004
tblVehicleEF	OBUS	2.8700e-004	3.2150e-003
tblVehicleEF	OBUS	9.9080e-003	0.05
tblVehicleEF	OBUS	7.2000e-004	1.8300e-004
tblVehicleEF	OBUS	1.4950e-003	1.8640e-003
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tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	7.8100e-004	9.3200e-004
tblVehicleEF	OBUS	0.07	0.14
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tblVehicleEF	OBUS	1.0690e-003	9.3600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.9500e-004	1.9700e-004
tblVehicleEF	OBUS	1.4950e-003	1.8640e-003
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tblVehicleEF	OBUS	0.06	0.09
tblVehicleEF	OBUS	7.8100e-004	9.3200e-004
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tblVehicleEF	OBUS	0.42	0.13

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tblVehicleEF	OBUS	2.4200e-004	2.7140e-003
tblVehicleEF	OBUS	9.9080e-003	0.05
tblVehicleEF	OBUS	7.2000e-004	1.8300e-004
tblVehicleEF	OBUS	2.1920e-003	2.6900e-003
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tblVehicleEF	OBUS	0.04	0.07
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tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.37	0.12
tblVehicleEF	OBUS	1.1220e-003	9.4700e-004
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tblVehicleEF	OBUS	7.9000e-004	1.9400e-004
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tblVehicleEF	OBUS	0.06	0.09
tblVehicleEF	OBUS	1.1100e-003	1.3040e-003
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tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.40	0.13
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tblVehicleEF	OBUS	7.8200e-004	1.9900e-004
tblVehicleEF	OBUS	3.4900e-004	3.9050e-003
tblVehicleEF	OBUS	9.9080e-003	0.05
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tblVehicleEF	OBUS	1.5550e-003	1.9740e-003

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tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.39	0.12
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tblVehicleEF	OBUS	0.01	0.01
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tblVehicleEF	OBUS	1.5550e-003	1.9740e-003
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tblVehicleEF	OBUS	0.06	0.09
tblVehicleEF	OBUS	7.6300e-004	9.2000e-004
tblVehicleEF	OBUS	0.09	0.18
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.42	0.14
tblVehicleEF	SBUS	0.88	0.07
tblVehicleEF	SBUS	0.01	7.9700e-003
tblVehicleEF	SBUS	0.07	6.1510e-003
tblVehicleEF	SBUS	7.89	2.68
tblVehicleEF	SBUS	0.84	0.67
tblVehicleEF	SBUS	7.67	0.86
tblVehicleEF	SBUS	1,153.25	354.14
tblVehicleEF	SBUS	1,098.50	1,133.34
tblVehicleEF	SBUS	52.01	5.22
tblVehicleEF	SBUS	10.62	3.36
tblVehicleEF	SBUS	4.93	5.23

tblVehicleEF	SBUS	12.73	0.80
tblVehicleEF	SBUS	0.01	4.8910e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.4700e-004	4.5000e-005
tblVehicleEF	SBUS	0.01	4.6800e-003
tblVehicleEF	SBUS	2.6880e-003	2.6870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.8700e-004	4.2000e-005
tblVehicleEF	SBUS	3.4480e-003	9.3300e-004
tblVehicleEF	SBUS	0.03	7.9890e-003
tblVehicleEF	SBUS	0.96	0.31
tblVehicleEF	SBUS	1.6800e-003	4.7400e-004
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.40	0.04
tblVehicleEF	SBUS	0.01	3.3780e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.5300e-004	5.2000e-005
tblVehicleEF	SBUS	3.4480e-003	9.3300e-004
tblVehicleEF	SBUS	0.03	7.9890e-003
tblVehicleEF	SBUS	1.38	0.44
tblVehicleEF	SBUS	1.6800e-003	4.7400e-004
tblVehicleEF	SBUS	0.14	0.12
tblVehicleEF	SBUS	0.02	0.06
tblVehicleEF	SBUS	0.44	0.04
tblVehicleEF	SBUS	0.88	0.07

tblVehicleEF	SBUS	0.01	8.0600e-003
tblVehicleEF	SBUS	0.06	5.4880e-003
tblVehicleEF	SBUS	7.76	2.63
tblVehicleEF	SBUS	0.86	0.68
tblVehicleEF	SBUS	6.22	0.70
tblVehicleEF	SBUS	1,206.53	363.00
tblVehicleEF	SBUS	1,098.50	1,133.36
tblVehicleEF	SBUS	52.01	4.95
tblVehicleEF	SBUS	10.96	3.44
tblVehicleEF	SBUS	4.65	4.93
tblVehicleEF	SBUS	12.69	0.79
tblVehicleEF	SBUS	0.01	4.1310e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.4700e-004	4.5000e-005
tblVehicleEF	SBUS	9.8410e-003	3.9520e-003
tblVehicleEF	SBUS	2.6880e-003	2.6870e-003
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.8700e-004	4.2000e-005
tblVehicleEF	SBUS	5.0870e-003	1.3450e-003
tblVehicleEF	SBUS	0.03	8.1040e-003
tblVehicleEF	SBUS	0.95	0.31
tblVehicleEF	SBUS	2.4200e-003	6.5900e-004
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.36	0.03
tblVehicleEF	SBUS	0.01	3.4610e-003

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.2900e-004	4.9000e-005
tblVehicleEF	SBUS	5.0870e-003	1.3450e-003
tblVehicleEF	SBUS	0.03	8.1040e-003
tblVehicleEF	SBUS	1.37	0.44
tblVehicleEF	SBUS	2.4200e-003	6.5900e-004
tblVehicleEF	SBUS	0.14	0.13
tblVehicleEF	SBUS	0.01	0.05
tblVehicleEF	SBUS	0.39	0.03
tblVehicleEF	SBUS	0.88	0.07
tblVehicleEF	SBUS	0.01	7.9430e-003
tblVehicleEF	SBUS	0.07	6.3030e-003
tblVehicleEF	SBUS	8.07	2.73
tblVehicleEF	SBUS	0.84	0.67
tblVehicleEF	SBUS	7.93	0.89
tblVehicleEF	SBUS	1,079.68	341.91
tblVehicleEF	SBUS	1,098.50	1,133.33
tblVehicleEF	SBUS	52.01	5.27
tblVehicleEF	SBUS	10.15	3.25
tblVehicleEF	SBUS	4.85	5.14
tblVehicleEF	SBUS	12.73	0.80
tblVehicleEF	SBUS	0.01	5.9420e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	7.4700e-004	4.5000e-005
tblVehicleEF	SBUS	0.01	5.6850e-003
tblVehicleEF	SBUS	2.6880e-003	2.6870e-003

tblVehicleEF	SBUS	0.03	0.03
tblVehicleEF	SBUS	6.8700e-004	4.2000e-005
tblVehicleEF	SBUS	3.6280e-003	9.7000e-004
tblVehicleEF	SBUS	0.03	8.6170e-003
tblVehicleEF	SBUS	0.96	0.31
tblVehicleEF	SBUS	1.6230e-003	4.5900e-004
tblVehicleEF	SBUS	0.12	0.10
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.41	0.04
tblVehicleEF	SBUS	0.01	3.2620e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	6.5700e-004	5.2000e-005
tblVehicleEF	SBUS	3.6280e-003	9.7000e-004
tblVehicleEF	SBUS	0.03	8.6170e-003
tblVehicleEF	SBUS	1.38	0.44
tblVehicleEF	SBUS	1.6230e-003	4.5900e-004
tblVehicleEF	SBUS	0.14	0.12
tblVehicleEF	SBUS	0.02	0.07
tblVehicleEF	SBUS	0.45	0.04
tblVehicleEF	UBUS	2.95	6.22
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	12.36	42.74
tblVehicleEF	UBUS	8.85	0.71
tblVehicleEF	UBUS	2,008.92	1,985.10
tblVehicleEF	UBUS	88.02	8.74
tblVehicleEF	UBUS	11.49	1.21
tblVehicleEF	UBUS	15.98	0.08

tblVehicleEF	UBUS	0.64	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.15	3.6950e-003
tblVehicleEF	UBUS	9.7400e-004	3.6000e-005
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9690e-003
tblVehicleEF	UBUS	0.14	3.5330e-003
tblVehicleEF	UBUS	8.9600e-004	3.3000e-005
tblVehicleEF	UBUS	4.1600e-003	6.1300e-004
tblVehicleEF	UBUS	0.07	7.6310e-003
tblVehicleEF	UBUS	2.3210e-003	4.5000e-004
tblVehicleEF	UBUS	0.96	0.16
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	0.01	1.4780e-003
tblVehicleEF	UBUS	1.0390e-003	8.7000e-005
tblVehicleEF	UBUS	4.1600e-003	6.1300e-004
tblVehicleEF	UBUS	0.07	7.6310e-003
tblVehicleEF	UBUS	2.3210e-003	4.5000e-004
tblVehicleEF	UBUS	4.03	6.42
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	2.95	6.22
tblVehicleEF	UBUS	0.04	0.01
tblVehicleEF	UBUS	12.41	42.74
tblVehicleEF	UBUS	7.66	0.63
tblVehicleEF	UBUS	2,008.92	1,985.10

tblVehicleEF	UBUS	88.02	8.60
tblVehicleEF	UBUS	10.84	1.20
tblVehicleEF	UBUS	15.93	0.08
tblVehicleEF	UBUS	0.64	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.15	3.6950e-003
tblVehicleEF	UBUS	9.7400e-004	3.6000e-005
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9690e-003
tblVehicleEF	UBUS	0.14	3.5330e-003
tblVehicleEF	UBUS	8.9600e-004	3.3000e-005
tblVehicleEF	UBUS	5.9230e-003	8.9000e-004
tblVehicleEF	UBUS	0.07	7.8710e-003
tblVehicleEF	UBUS	3.1960e-003	6.2100e-004
tblVehicleEF	UBUS	0.97	0.16
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.60	0.04
tblVehicleEF	UBUS	0.01	1.4780e-003
tblVehicleEF	UBUS	1.0190e-003	8.5000e-005
tblVehicleEF	UBUS	5.9230e-003	8.9000e-004
tblVehicleEF	UBUS	0.07	7.8710e-003
tblVehicleEF	UBUS	3.1960e-003	6.2100e-004
tblVehicleEF	UBUS	4.04	6.42
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	2.95	6.22
tblVehicleEF	UBUS	0.05	0.01

tblVehicleEF	UBUS	12.34	42.74
tblVehicleEF	UBUS	9.07	0.73
tblVehicleEF	UBUS	2,008.92	1,985.10
tblVehicleEF	UBUS	88.02	8.77
tblVehicleEF	UBUS	11.27	1.20
tblVehicleEF	UBUS	15.99	0.08
tblVehicleEF	UBUS	0.64	0.07
tblVehicleEF	UBUS	0.01	0.03
tblVehicleEF	UBUS	0.15	3.6950e-003
tblVehicleEF	UBUS	9.7400e-004	3.6000e-005
tblVehicleEF	UBUS	0.27	0.03
tblVehicleEF	UBUS	3.0000e-003	7.9690e-003
tblVehicleEF	UBUS	0.14	3.5330e-003
tblVehicleEF	UBUS	8.9600e-004	3.3000e-005
tblVehicleEF	UBUS	4.7740e-003	6.0100e-004
tblVehicleEF	UBUS	0.09	8.1480e-003
tblVehicleEF	UBUS	2.4590e-003	4.2800e-004
tblVehicleEF	UBUS	0.96	0.16
tblVehicleEF	UBUS	0.03	0.06
tblVehicleEF	UBUS	0.67	0.05
tblVehicleEF	UBUS	0.01	1.4780e-003
tblVehicleEF	UBUS	1.0430e-003	8.7000e-005
tblVehicleEF	UBUS	4.7740e-003	6.0100e-004
tblVehicleEF	UBUS	0.09	8.1480e-003
tblVehicleEF	UBUS	2.4590e-003	4.2800e-004
tblVehicleEF	UBUS	4.02	6.42
tblVehicleEF	UBUS	0.03	0.06

tblVehicleEF	UBUS	0.74	0.05
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00

tblVehicleTrips	CW_TTP	16.30	100.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	14.07
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29

tblVehicleTrips	WD_TR	6.65	2.99
tblVehicleTrips	WD_TR	11.03	6.57
tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	56,358,232.16	73,283,889.90
tblWater	IndoorWaterUseRate	4,674,397.57	4,456,338.28
tblWater	IndoorWaterUseRate	1,335,452.19	3,826,012.10
tblWater	IndoorWaterUseRate	433,324.25	991,238.74
tblWater	OutdoorWaterUseRate	35,530,189.84	0.00
tblWater	OutdoorWaterUseRate	2,864,953.35	0.00
tblWater	OutdoorWaterUseRate	818,502.96	0.00
tblWater	OutdoorWaterUseRate	265,585.83	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	43.25	0.00
tblWoodstoves	NumberNoncatalytic	43.25	0.00

2.0 Emissions Summary

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	2.8015	0.1036	8.9576	4.7000e-004		0.0492	0.0492		0.0492	0.0492	0.0000	14.5859	14.5859	0.0143	0.0000	14.9420
Energy	0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	1,804.7994	1,804.7994	0.0798	0.0241	1,813.9750
Mobile	1.9260	4.2281	24.9216	0.0636	5.9607	0.0758	6.0365	1.5907	0.0711	1.6619	0.0000	5,915.9696	5,915.9696	0.3724	0.0000	5,925.2789
Waste						0.0000	0.0000		0.0000	0.0000	249.8311	0.0000	249.8311	14.7646	0.0000	618.9460
Water						0.0000	0.0000		0.0000	0.0000	29.2090	259.1318	288.3408	0.1147	0.0665	311.0084
Total	4.7809	4.7901	34.0902	0.0670	5.9607	0.1619	6.1226	1.5907	0.1573	1.7480	279.0401	7,994.4867	8,273.5267	15.3457	0.0906	8,684.1503

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	2.8015	0.1036	8.9576	4.7000e-004		0.0492	0.0492		0.0492	0.0492	0.0000	14.5859	14.5859	0.0143	0.0000	14.9420
Energy	0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	1,804.7994	1,804.7994	0.0798	0.0241	1,813.9750
Mobile	1.9260	4.2281	24.9216	0.0636	5.9607	0.0758	6.0365	1.5907	0.0711	1.6619	0.0000	5,915.9696	5,915.9696	0.3724	0.0000	5,925.2789
Waste						0.0000	0.0000		0.0000	0.0000	249.8311	0.0000	249.8311	14.7646	0.0000	618.9460
Water						0.0000	0.0000		0.0000	0.0000	29.2090	259.1318	288.3408	0.1147	0.0665	311.0084
Total	4.7809	4.7901	34.0902	0.0670	5.9607	0.1619	6.1226	1.5907	0.1573	1.7480	279.0401	7,994.4867	8,273.5267	15.3457	0.0906	8,684.1503

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.9260	4.2281	24.9216	0.0636	5.9607	0.0758	6.0365	1.5907	0.0711	1.6619	0.0000	5,915.9696	5,915.9696	0.3724	0.0000	5,925.2789
Unmitigated	1.9260	4.2281	24.9216	0.0636	5.9607	0.0758	6.0365	1.5907	0.0711	1.6619	0.0000	5,915.9696	5,915.9696	0.3724	0.0000	5,925.2789

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,586.35	2,586.35	2586.35	13,245,940	13,245,940
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	172.79	39.19	12.36	669,819	669,819
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	292.86	92.58	138.19	1,240,189	1,240,189
Regional Shopping Center	139.11	170.00	77.75	690,165	690,165
Total	3,191.12	2,888.12	2,814.65	15,846,112	15,846,112

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Regional Shopping Center	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.565790	0.046936	0.208125	0.126817	0.017162	0.003831	0.012156	0.010000	0.001533	0.001484	0.005170	0.000426	0.000570
Enclosed Parking with Elevator	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
General Office Building	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Other Asphalt Surfaces	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Other Non-Asphalt Surfaces	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Recreational Swimming Pool	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907
Regional Shopping Center	0.547726	0.045437	0.201480	0.122768	0.016614	0.006090	0.019326	0.029174	0.002438	0.002359	0.005005	0.000677	0.000907

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,276.4910	1,276.4910	0.0697	0.0144	1,282.5271
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,276.4910	1,276.4910	0.0697	0.0144	1,282.5271
NaturalGas Mitigated	0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	528.3084	528.3084	0.0101	9.6900e-003	531.4479
NaturalGas Unmitigated	0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	528.3084	528.3084	0.0101	9.6900e-003	531.4479

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	9.11522e+006	0.0492	0.4200	0.1787	2.6800e-003		0.0340	0.0340		0.0340	0.0340	0.0000	486.4230	486.4230	9.3200e-003	8.9200e-003	489.3136
Enclosed Parking with Elevator	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
General Office Building	327172	1.7600e-003	0.0160	0.0135	1.0000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	17.4591	17.4591	3.3000e-004	3.2000e-004	17.5629
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	447084	2.4100e-003	0.0219	0.0184	1.3000e-004		1.6700e-003	1.6700e-003		1.6700e-003	1.6700e-003	0.0000	23.8581	23.8581	4.6000e-004	4.4000e-004	23.9999
Regional Shopping Center	10647	6.0000e-005	5.2000e-004	4.4000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5682	0.5682	1.0000e-005	1.0000e-005	0.5715
Total		0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	528.3084	528.3084	0.0101	9.6900e-003	531.4479

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	9.11522e+006	0.0492	0.4200	0.1787	2.6800e-003		0.0340	0.0340		0.0340	0.0340	0.0000	486.4230	486.4230	9.3200e-003	8.9200e-003	489.3136
Enclosed Parking with Elevator	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
General Office Building	327172	1.7600e-003	0.0160	0.0135	1.0000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	17.4591	17.4591	3.3000e-004	3.2000e-004	17.5629
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	447084	2.4100e-003	0.0219	0.0184	1.3000e-004		1.6700e-003	1.6700e-003		1.6700e-003	1.6700e-003	0.0000	23.8581	23.8581	4.6000e-004	4.4000e-004	23.9999
Regional Shopping Center	10647	6.0000e-005	5.2000e-004	4.4000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5682	0.5682	1.0000e-005	1.0000e-005	0.5715
Total		0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	528.3084	528.3084	0.0101	9.6900e-003	531.4479

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	3.11614e+006	751.1669	0.0410	8.4800e-003	754.7189
Enclosed Parking with Elevator	1.40192e+006	337.9428	0.0184	3.8200e-003	339.5408
General Office Building	400812	96.6186	5.2700e-003	1.0900e-003	97.0755
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	283153	68.2561	3.7200e-003	7.7000e-004	68.5789
Regional Shopping Center	93366	22.5065	1.2300e-003	2.5000e-004	22.6130
Total		1,276.4910	0.0697	0.0144	1,282.527

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	3.11614e+006	751.1669	0.0410	8.4800e-003	754.7189
Enclosed Parking with Elevator	1.40192e+006	337.9428	0.0184	3.8200e-003	339.5408
General Office Building	400812	96.6186	5.2700e-003	1.0900e-003	97.0755
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	283153	68.2561	3.7200e-003	7.7000e-004	68.5789
Regional Shopping Center	93366	22.5065	1.2300e-003	2.5000e-004	22.6130
Total		1,276.4910	0.0697	0.0144	1,282.5271

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	2.8015	0.1036	8.9576	4.7000e-004		0.0492	0.0492		0.0492	0.0492	0.0000	14.5859	14.5859	0.0143	0.0000	14.9420
Unmitigated	2.8015	0.1036	8.9576	4.7000e-004		0.0492	0.0492		0.0492	0.0492	0.0000	14.5859	14.5859	0.0143	0.0000	14.9420

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	0.2098					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3185					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	0.2732	0.1036	8.9576	4.7000e-004		0.0492	0.0492		0.0492	0.0492	0.0000	14.5859	14.5859	0.0143	0.0000	14.9420
Total	2.8015	0.1036	8.9576	4.7000e-004		0.0492	0.0492		0.0492	0.0492	0.0000	14.5859	14.5859	0.0143	0.0000	14.9420

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	0.2098					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3185					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	0.2732	0.1036	8.9576	4.7000e-004		0.0492	0.0492		0.0492	0.0492	0.0000	14.5859	14.5859	0.0143	0.0000	14.9420
Total	2.8015	0.1036	8.9576	4.7000e-004		0.0492	0.0492		0.0492	0.0492	0.0000	14.5859	14.5859	0.0143	0.0000	14.9420

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	288.3408	0.1147	0.0665	311.0084
Unmitigated	288.3408	0.1147	0.0665	311.0084

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	73.2839 / 0	255.9518	0.1018	0.0590	276.0732
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	4.45634 / 0	15.5642	6.1900e-003	3.5900e-003	16.7878
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	3.82601 / 0	13.3628	5.3100e-003	3.0800e-003	14.4133
Regional Shopping Center	0.991239 / 0	3.4620	1.3800e-003	8.0000e-004	3.7342
Total		288.3408	0.1147	0.0665	311.0084

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	73.2839 / 0	255.9518	0.1018	0.0590	276.0732
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	4.45634 / 0	15.5642	6.1900e-003	3.5900e-003	16.7878
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	3.82601 / 0	13.3628	5.3100e-003	3.0800e-003	14.4133
Regional Shopping Center	0.991239 / 0	3.4620	1.3800e-003	8.0000e-004	3.7342
Total		288.3408	0.1147	0.0665	311.0084

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	249.8311	14.7646	0.0000	618.9460
Unmitigated	249.8311	14.7646	0.0000	618.9460

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	631.45	128.1786	7.5751	0.0000	317.5572
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	287.99	58.4594	3.4549	0.0000	144.8306
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	247.25	50.1895	2.9661	0.0000	124.3424
Regional Shopping Center	64.06	13.0036	0.7685	0.0000	32.2159
Total		249.8311	14.7646	0.0000	618.9460

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	631.45	128.1786	7.5751	0.0000	317.5572
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	287.99	58.4594	3.4549	0.0000	144.8306
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	247.25	50.1895	2.9661	0.0000	124.3424
Regional Shopping Center	64.06	13.0036	0.7685	0.0000	32.2159
Total		249.8311	14.7646	0.0000	618.9460

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

CalEEMod Output: Operation – Existing
Year 2033

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Existing 2033 - Los Angeles-South Coast County, Summer

Existing 2033
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	26.30	1000sqft	0.60	26,300.00	0
Enclosed Parking with Elevator	520.00	Space	4.78	208,000.00	0
Other Asphalt Surfaces	3.62	Acre	3.62	157,687.00	0
Other Non-Asphalt Surfaces	4.03	Acre	4.03	0.00	0
Recreational Swimming Pool	22.58	1000sqft	0.52	22,580.00	0
Apartments Mid Rise	865.00	Dwelling Unit	13.32	580,340.00	2474
Regional Shopping Center	5.85	1000sqft	0.13	5,850.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2033
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	326.0517246	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - Utilizes energy rates for a health club.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	21941	12480
tblEnergyUse	LightingElect	0.00	3.85
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	0.00	2.94
tblEnergyUse	T24NG	0.00	15.35
tblFireplaces	NumberGas	735.25	0.00
tblFireplaces	NumberNoFireplace	86.50	865.00
tblFireplaces	NumberWood	43.25	0.00
tblFleetMix	HHD	0.04	0.01
tblFleetMix	LDA	0.54	0.56
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.22
tblFleetMix	LHD1	0.01	0.01

tblFleetMix	LHD2	6.4170e-003	3.7680e-003
tblFleetMix	MCY	5.3130e-003	5.5400e-003
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	8.0700e-004	4.7400e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.6760e-003	1.5710e-003
tblFleetMix	SBUS	7.2800e-004	4.2700e-004
tblFleetMix	UBUS	1.6620e-003	9.7600e-004
tblLandUse	LandUseSquareFeet	157,687.20	157,687.00
tblLandUse	LandUseSquareFeet	175,546.80	0.00
tblLandUse	LandUseSquareFeet	865,000.00	580,340.00
tblLandUse	LotAcreage	4.68	4.78
tblLandUse	LotAcreage	22.76	13.32
tblProjectCharacteristics	CO2IntensityFactor	702.44	326.051724615385
tblSolidWaste	SolidWasteGenerationRate	397.90	631.45
tblSolidWaste	SolidWasteGenerationRate	24.46	287.99
tblSolidWaste	SolidWasteGenerationRate	128.71	247.25
tblSolidWaste	SolidWasteGenerationRate	6.14	64.06
tblVehicleEF	HHD	0.36	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.45	6.76
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.73	8.4500e-003
tblVehicleEF	HHD	4,163.50	953.50
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07

tblVehicleEF	HHD	12.30	5.54
tblVehicleEF	HHD	1.81	2.48
tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.0470e-003	2.2320e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.9150e-003	2.1350e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.37	0.45
tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.8060e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.44	0.52
tblVehicleEF	HHD	8.7000e-005	2.0000e-006

tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.34	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.05	6.67
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.54	8.0260e-003
tblVehicleEF	HHD	4,410.86	941.68
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.70	5.27
tblVehicleEF	HHD	1.71	2.35
tblVehicleEF	HHD	19.27	2.34
tblVehicleEF	HHD	2.5680e-003	1.9700e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.4570e-003	1.8850e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005

tblVehicleEF	HHD	0.35	0.48
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.6960e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7300e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.41	0.55
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.39	0.02
tblVehicleEF	HHD	0.10	9.4100e-004
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.00	6.74
tblVehicleEF	HHD	1.11	0.25
tblVehicleEF	HHD	3.77	8.5340e-003
tblVehicleEF	HHD	3,821.91	948.21
tblVehicleEF	HHD	1,518.98	1,096.02
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	11.75	5.77
tblVehicleEF	HHD	1.78	2.42
tblVehicleEF	HHD	19.28	2.34

tblVehicleEF	HHD	3.7070e-003	2.4810e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	3.5470e-003	2.3740e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.7200e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.40	0.41
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.03	8.9580e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.47	0.47
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.07	3.0000e-006

tblVehicleEF	LDA	2.2560e-003	1.0780e-003
tblVehicleEF	LDA	1.5510e-003	0.02
tblVehicleEF	LDA	0.36	0.45
tblVehicleEF	LDA	0.50	1.49
tblVehicleEF	LDA	194.38	224.34
tblVehicleEF	LDA	39.45	43.42
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.6650e-003	3.5690e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	1.9450e-003	2.0390e-003
tblVehicleEF	LDA	4.0200e-004	3.9400e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.2360e-003	5.2040e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	2.4030e-003	1.1550e-003

tblVehicleEF	LDA	1.3830e-003	0.02
tblVehicleEF	LDA	0.39	0.50
tblVehicleEF	LDA	0.42	1.28
tblVehicleEF	LDA	203.46	234.14
tblVehicleEF	LDA	39.45	43.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	6.0290e-003	3.7840e-003
tblVehicleEF	LDA	0.03	0.14
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.0360e-003	2.1280e-003
tblVehicleEF	LDA	4.0100e-004	3.9100e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7670e-003	5.5200e-003
tblVehicleEF	LDA	0.03	0.15
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.2080e-003	1.0540e-003
tblVehicleEF	LDA	1.5860e-003	0.02

tblVehicleEF	LDA	0.34	0.44
tblVehicleEF	LDA	0.51	1.54
tblVehicleEF	LDA	191.06	220.72
tblVehicleEF	LDA	39.45	43.51
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.5470e-003	3.4970e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.9120e-003	2.0060e-003
tblVehicleEF	LDA	4.0200e-004	3.9500e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.0650e-003	5.1000e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDT1	4.8040e-003	1.9860e-003
tblVehicleEF	LDT1	3.6300e-003	0.03
tblVehicleEF	LDT1	0.62	0.60

tblVehicleEF	LDT1	0.91	1.61
tblVehicleEF	LDT1	255.37	271.33
tblVehicleEF	LDT1	51.58	52.83
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.01	7.6070e-003
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	2.5590e-003	2.4650e-003
tblVehicleEF	LDT1	5.3100e-004	4.8000e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	5.0980e-003	2.1170e-003
tblVehicleEF	LDT1	3.2330e-003	0.03
tblVehicleEF	LDT1	0.68	0.65
tblVehicleEF	LDT1	0.77	1.38

tblVehicleEF	LDT1	266.74	281.43
tblVehicleEF	LDT1	51.58	52.39
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.01	8.0550e-003
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.04	0.11
tblVehicleEF	LDT1	2.6740e-003	2.5570e-003
tblVehicleEF	LDT1	5.2800e-004	4.7600e-004
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	4.7090e-003	1.9450e-003
tblVehicleEF	LDT1	3.7130e-003	0.03
tblVehicleEF	LDT1	0.60	0.58
tblVehicleEF	LDT1	0.93	1.66
tblVehicleEF	LDT1	251.20	267.60

tblVehicleEF	LDT1	51.58	52.93
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.01	7.4590e-003
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	2.5170e-003	2.4310e-003
tblVehicleEF	LDT1	5.3100e-004	4.8100e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT2	3.4270e-003	1.9090e-003
tblVehicleEF	LDT2	2.2070e-003	0.03
tblVehicleEF	LDT2	0.53	0.60
tblVehicleEF	LDT2	0.69	1.96
tblVehicleEF	LDT2	281.92	272.19
tblVehicleEF	LDT2	56.69	53.12

tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.5230e-003	7.1120e-003
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.8220e-003	2.4740e-003
tblVehicleEF	LDT2	5.7800e-004	4.8300e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	3.6410e-003	2.0380e-003
tblVehicleEF	LDT2	1.9920e-003	0.03
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.60	1.68
tblVehicleEF	LDT2	294.56	281.38
tblVehicleEF	LDT2	56.69	52.59
tblVehicleEF	LDT2	0.03	0.03

tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.0530e-003	7.5260e-003
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.12
tblVehicleEF	LDT2	2.9490e-003	2.5570e-003
tblVehicleEF	LDT2	5.7600e-004	4.7800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	3.3570e-003	1.8690e-003
tblVehicleEF	LDT2	2.2530e-003	0.03
tblVehicleEF	LDT2	0.51	0.58
tblVehicleEF	LDT2	0.70	2.03
tblVehicleEF	LDT2	277.28	268.79
tblVehicleEF	LDT2	56.69	53.25
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.04	0.14

tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.3500e-003	6.9760e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.7760e-003	2.4430e-003
tblVehicleEF	LDT2	5.7800e-004	4.8400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LHD1	3.2450e-003	3.7380e-003
tblVehicleEF	LHD1	2.8770e-003	1.9460e-003
tblVehicleEF	LHD1	6.8360e-003	6.8950e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.25	0.77
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.03

tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.47	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27

tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7460e-003
tblVehicleEF	LHD1	2.9060e-003	1.9640e-003
tblVehicleEF	LHD1	6.5820e-003	6.6630e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.19	0.74
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	8.97
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.14
tblVehicleEF	LHD1	0.45	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27

tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5300e-004	8.9000e-005
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7370e-003
tblVehicleEF	LHD1	2.8690e-003	1.9400e-003
tblVehicleEF	LHD1	6.8860e-003	6.9460e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.26	0.78
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.04
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.48	0.19
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004

tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD2	2.4390e-003	2.5250e-003
tblVehicleEF	LHD2	1.9310e-003	1.9850e-003
tblVehicleEF	LHD2	2.7180e-003	4.3850e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48

tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.50
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02

tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5300e-003
tblVehicleEF	LHD2	1.9420e-003	1.9950e-003
tblVehicleEF	LHD2	2.6710e-003	4.2380e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.81	0.46
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.47
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.20
tblVehicleEF	LHD2	0.23	0.11
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5240e-003
tblVehicleEF	LHD2	1.9280e-003	1.9820e-003
tblVehicleEF	LHD2	2.7280e-003	4.4170e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.51
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3400e-004	6.4000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	17.87	17.90

tblVehicleEF	MCY	9.83	8.72
tblVehicleEF	MCY	192.71	224.98
tblVehicleEF	MCY	41.76	57.18
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	2.57	2.57
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	1.96	1.74
tblVehicleEF	MCY	2.2990e-003	2.2260e-003
tblVehicleEF	MCY	6.3600e-004	5.6600e-004
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	3.22	3.23
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	2.14	1.90
tblVehicleEF	MCY	0.55	0.37
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	17.28	17.29
tblVehicleEF	MCY	8.92	7.89

tblVehicleEF	MCY	192.71	223.83
tblVehicleEF	MCY	41.76	55.25
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	2.52	2.52
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.77	1.56
tblVehicleEF	MCY	2.2880e-003	2.2150e-003
tblVehicleEF	MCY	6.1500e-004	5.4700e-004
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	3.17	3.17
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.96	18.02
tblVehicleEF	MCY	10.00	8.89
tblVehicleEF	MCY	192.71	225.21

tblVehicleEF	MCY	41.76	57.57
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.3000e-003	2.2290e-003
tblVehicleEF	MCY	6.4000e-004	5.7000e-004
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	3.24	3.24
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.18	1.94
tblVehicleEF	MDV	5.2160e-003	2.0250e-003
tblVehicleEF	MDV	4.1990e-003	0.03
tblVehicleEF	MDV	0.67	0.60
tblVehicleEF	MDV	1.00	1.98
tblVehicleEF	MDV	378.68	331.57
tblVehicleEF	MDV	74.82	63.29

tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.14
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.6990e-003
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7870e-003	3.0160e-003
tblVehicleEF	MDV	7.6400e-004	5.7500e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MDV	5.5400e-003	2.1620e-003
tblVehicleEF	MDV	3.7620e-003	0.03
tblVehicleEF	MDV	0.73	0.66
tblVehicleEF	MDV	0.87	1.69
tblVehicleEF	MDV	395.18	340.71
tblVehicleEF	MDV	74.82	62.75
tblVehicleEF	MDV	0.05	0.03

tblVehicleEF	MDV	0.06	0.13
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.01	8.1430e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.05	0.13
tblVehicleEF	MDV	3.9520e-003	3.0990e-003
tblVehicleEF	MDV	7.6200e-004	5.7000e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.06	0.14
tblVehicleEF	MDV	5.1110e-003	1.9820e-003
tblVehicleEF	MDV	4.2910e-003	0.03
tblVehicleEF	MDV	0.64	0.58
tblVehicleEF	MDV	1.03	2.05
tblVehicleEF	MDV	372.61	328.19
tblVehicleEF	MDV	74.82	63.41
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.15

tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.5520e-003
tblVehicleEF	MDV	0.08	0.31
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7260e-003	2.9850e-003
tblVehicleEF	MDV	7.6500e-004	5.7600e-004
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.32
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MH	4.9780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.28	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.62	2.47
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02

tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2400e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	5.0780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.28	0.17
tblVehicleEF	MH	3.09	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.57	2.33
tblVehicleEF	MH	0.52	0.00

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2100e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	4.9510e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.31	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.60	2.42

tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2500e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MHD	0.02	3.9670e-003
tblVehicleEF	MHD	2.0900e-003	7.9900e-004
tblVehicleEF	MHD	0.03	8.6760e-003
tblVehicleEF	MHD	0.34	0.38
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.16	0.84

tblVehicleEF	MHD	137.17	55.31
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.75
tblVehicleEF	MHD	0.35	0.28
tblVehicleEF	MHD	0.67	1.07
tblVehicleEF	MHD	10.47	1.66
tblVehicleEF	MHD	3.9000e-005	9.8000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.7000e-005	9.4000e-005
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.03	8.4860e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.3200e-003	5.2500e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2000e-004	8.7000e-005
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.04	0.01

tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.22	0.05
tblVehicleEF	MHD	0.02	3.7710e-003
tblVehicleEF	MHD	2.1040e-003	8.1200e-004
tblVehicleEF	MHD	0.03	8.3760e-003
tblVehicleEF	MHD	0.24	0.33
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.00	0.80
tblVehicleEF	MHD	145.29	54.96
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.68
tblVehicleEF	MHD	0.36	0.27
tblVehicleEF	MHD	0.63	1.01
tblVehicleEF	MHD	10.45	1.66
tblVehicleEF	MHD	3.3000e-005	8.6000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.1000e-005	8.2000e-005
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.03	8.5290e-003
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.20	0.04

tblVehicleEF	MHD	1.3970e-003	5.2200e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.1700e-004	8.6000e-005
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.22	0.04
tblVehicleEF	MHD	0.02	4.2500e-003
tblVehicleEF	MHD	2.0860e-003	7.9500e-004
tblVehicleEF	MHD	0.03	8.7240e-003
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tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.19	0.85
tblVehicleEF	MHD	125.95	55.78
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.77
tblVehicleEF	MHD	0.33	0.30
tblVehicleEF	MHD	0.66	1.05
tblVehicleEF	MHD	10.47	1.67
tblVehicleEF	MHD	4.7000e-005	1.1600e-004
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	4.5000e-005	1.1100e-004
tblVehicleEF	MHD	2.6790e-003	6.0070e-003

tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.2150e-003	5.3000e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2100e-004	8.7000e-005
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.23	0.05
tblVehicleEF	OBUS	0.01	7.9660e-003
tblVehicleEF	OBUS	3.2830e-003	1.9210e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.69
tblVehicleEF	OBUS	0.26	0.23
tblVehicleEF	OBUS	3.92	1.78
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tblVehicleEF	OBUS	1,223.90	1,131.18
tblVehicleEF	OBUS	65.16	15.22

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tblVehicleEF	OBUS	2.58	0.96
tblVehicleEF	OBUS	2.3000e-005	1.4600e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
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tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.25	0.09
tblVehicleEF	OBUS	1.0690e-003	9.1100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.2000e-004	1.5100e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.28	0.10
tblVehicleEF	OBUS	0.01	8.0710e-003

tblVehicleEF	OBUS	3.3260e-003	1.9600e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.68
tblVehicleEF	OBUS	0.26	0.24
tblVehicleEF	OBUS	3.71	1.69
tblVehicleEF	OBUS	116.51	94.78
tblVehicleEF	OBUS	1,223.90	1,131.19
tblVehicleEF	OBUS	65.16	15.05
tblVehicleEF	OBUS	0.26	0.41
tblVehicleEF	OBUS	0.56	1.09
tblVehicleEF	OBUS	2.55	0.95
tblVehicleEF	OBUS	1.9000e-005	1.3000e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
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tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	2.0040e-003	2.2690e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.24	0.08
tblVehicleEF	OBUS	1.1230e-003	9.0000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1700e-004	1.4900e-004

tblVehicleEF	OBUS	2.0040e-003	2.2690e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	OBUS	0.01	7.8420e-003
tblVehicleEF	OBUS	3.2720e-003	1.9110e-003
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tblVehicleEF	OBUS	0.26	0.70
tblVehicleEF	OBUS	0.26	0.23
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tblVehicleEF	OBUS	2.59	0.96
tblVehicleEF	OBUS	2.7000e-005	1.6900e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
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tblVehicleEF	OBUS	2.6000e-005	1.6100e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3430e-003	1.5590e-003
tblVehicleEF	OBUS	0.02	0.02

tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5700e-004	8.4700e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.26	0.09
tblVehicleEF	OBUS	9.9500e-004	9.2600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.2100e-004	1.5100e-004
tblVehicleEF	OBUS	1.3430e-003	1.5590e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.5700e-004	8.4700e-004
tblVehicleEF	OBUS	0.04	0.02
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tblVehicleEF	SBUS	0.82	0.11
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tblVehicleEF	SBUS	0.05	9.1770e-003
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tblVehicleEF	SBUS	0.29	0.26
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tblVehicleEF	SBUS	66.19	7.58
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tblVehicleEF	SBUS	9.86	1.52

tblVehicleEF	SBUS	9.3400e-004	9.3500e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	4.5390e-003	1.6490e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	2.7150e-003	9.9700e-004
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.36	0.05
tblVehicleEF	SBUS	9.6310e-003	3.1860e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7400e-004	7.5000e-005
tblVehicleEF	SBUS	4.5390e-003	1.6490e-003
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tblVehicleEF	SBUS	1.65	0.73
tblVehicleEF	SBUS	2.7150e-003	9.9700e-004
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tblVehicleEF	SBUS	0.02	0.09
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tblVehicleEF	SBUS	0.82	0.11
tblVehicleEF	SBUS	4.3630e-003	2.8900e-003
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tblVehicleEF	SBUS	9.84	1.52
tblVehicleEF	SBUS	7.8800e-004	7.9900e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	7.5400e-004	7.6400e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	6.6280e-003	2.3800e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.32	0.05
tblVehicleEF	SBUS	9.9980e-003	3.1920e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.5400e-004	7.1000e-005

tblVehicleEF	SBUS	6.6280e-003	2.3800e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.65	0.73
tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
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tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.35	0.05
tblVehicleEF	SBUS	0.82	0.11
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tblVehicleEF	SBUS	9.87	1.52
tblVehicleEF	SBUS	1.1370e-003	1.1220e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	1.0880e-003	1.0730e-003
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tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
tblVehicleEF	SBUS	0.05	0.04
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tblVehicleEF	SBUS	9.1250e-003	3.1790e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
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tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	0.21	1.3700e-003
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tblVehicleEF	UBUS	1.4690e-003	7.4000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
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tblVehicleEF	UBUS	1,763.48	119.79
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tblVehicleEF	UBUS	0.22	3.6980e-003
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tblVehicleEF	UBUS	0.03	1.4100e-004
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tblVehicleEF	UBUS	0.21	1.3980e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	8.2440e-003	1.1850e-003
tblVehicleEF	UBUS	1.4510e-003	7.2000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	1.62	2.0400e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	1.38	4.0500e-004
tblVehicleEF	UBUS	0.05	0.01
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tblVehicleEF	UBUS	8.16	0.73

tblVehicleEF	UBUS	1,763.48	119.79
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tblVehicleEF	UBUS	0.52	8.6290e-003
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tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	0.21	1.3630e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.73	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4720e-003	7.4000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	1.62	1.9890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.80	0.06
tblVehicleTrips	CC_TL	8.40	0.00

tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	16.30	100.00
tblVehicleTrips	DV_TP	11.00	0.00

tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	14.07
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29
tblVehicleTrips	WD_TR	6.65	2.99
tblVehicleTrips	WD_TR	11.03	6.57

tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	56,358,232.16	73,283,889.90
tblWater	IndoorWaterUseRate	4,674,397.57	4,456,338.28
tblWater	IndoorWaterUseRate	1,335,452.19	3,826,012.10
tblWater	IndoorWaterUseRate	433,324.25	991,238.74
tblWater	OutdoorWaterUseRate	35,530,189.84	0.00
tblWater	OutdoorWaterUseRate	2,864,953.35	0.00
tblWater	OutdoorWaterUseRate	818,502.96	0.00
tblWater	OutdoorWaterUseRate	265,585.83	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	43.25	0.00
tblWoodstoves	NumberNoncatalytic	43.25	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.4249	10.0678	74.8864	0.2691	34.7802	0.1558	34.9360	9.2665	0.1451	9.4116		29,465.7636	29,465.7636	0.6679		29,482.4601
Unmitigated	5.4249	10.0678	74.8864	0.2691	34.7802	0.1558	34.9360	9.2665	0.1451	9.4116		29,465.7636	29,465.7636	0.6679		29,482.4601

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,586.35	2,586.35	2586.35	13,245,940	13,245,940
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	172.79	39.19	12.36	669,819	669,819
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	292.86	92.58	138.19	1,240,189	1,240,189
Regional Shopping Center	139.11	170.00	77.75	690,165	690,165
Total	3,191.12	2,888.12	2,814.65	15,846,112	15,846,112

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- C-C	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Regional Shopping Center	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474
Enclosed Parking with Elevator	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
General Office Building	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Non-Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Recreational Swimming Pool	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Regional Shopping Center	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782
NaturalGas Unmitigated	0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

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	24973.2	0.2693	2.3015	0.9793	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.0251	2,938.0251	0.0563	0.0539	2,955.4843
Enclosed Parking with Elevator	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
General Office Building	896.362	9.6700e-003	0.0879	0.0738	5.3000e-004		6.6800e-003	6.6800e-003		6.6800e-003	6.6800e-003		105.4543	105.4543	2.0200e-003	1.9300e-003	106.0810
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	1224.89	0.0132	0.1201	0.1009	7.2000e-004		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003		144.1044	144.1044	2.7600e-003	2.6400e-003	144.9608
Regional Shopping Center	29.1699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

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	24.9732	0.2693	2.3015	0.9793	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.0251	2,938.0251	0.0563	0.0539	2,955.4843
Enclosed Parking with Elevator	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
General Office Building	0.896362	9.6700e-003	0.0879	0.0738	5.3000e-004		6.6800e-003	6.6800e-003		6.6800e-003	6.6800e-003		105.4543	105.4543	2.0200e-003	1.9300e-003	106.0810
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	1.22489	0.0132	0.1201	0.1009	7.2000e-004		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003		144.1044	144.1044	2.7600e-003	2.6400e-003	144.9608
Regional Shopping Center	0.0291699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	15.9880	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960	0.0000	128.6252	128.6252	0.1228	0.0000	131.6941
Unmitigated	15.9880	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960	0.0000	128.6252	128.6252	0.1228	0.0000	131.6941

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	1.1497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.7039					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	2.1343	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960		128.6252	128.6252	0.1228		131.6941
Total	15.9880	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960	0.0000	128.6252	128.6252	0.1228	0.0000	131.6941

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	1.1497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.7039					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	2.1343	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960		128.6252	128.6252	0.1228		131.6941
Total	15.9880	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960	0.0000	128.6252	128.6252	0.1228	0.0000	131.6941

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

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

Existing 2033 - Los Angeles-South Coast County, Winter

Existing 2033
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	26.30	1000sqft	0.60	26,300.00	0
Enclosed Parking with Elevator	520.00	Space	4.78	208,000.00	0
Other Asphalt Surfaces	3.62	Acre	3.62	157,687.00	0
Other Non-Asphalt Surfaces	4.03	Acre	4.03	0.00	0
Recreational Swimming Pool	22.58	1000sqft	0.52	22,580.00	0
Apartments Mid Rise	865.00	Dwelling Unit	13.32	580,340.00	2474
Regional Shopping Center	5.85	1000sqft	0.13	5,850.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2033
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	326.0517246	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - Utilizes energy rates for a health club.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	21941	12480
tblEnergyUse	LightingElect	0.00	3.85
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	0.00	2.94
tblEnergyUse	T24NG	0.00	15.35
tblFireplaces	NumberGas	735.25	0.00
tblFireplaces	NumberNoFireplace	86.50	865.00
tblFireplaces	NumberWood	43.25	0.00
tblFleetMix	HHD	0.04	0.01
tblFleetMix	LDA	0.54	0.56
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.22
tblFleetMix	LHD1	0.01	0.01

tblFleetMix	LHD2	6.4170e-003	3.7680e-003
tblFleetMix	MCY	5.3130e-003	5.5400e-003
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	8.0700e-004	4.7400e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.6760e-003	1.5710e-003
tblFleetMix	SBUS	7.2800e-004	4.2700e-004
tblFleetMix	UBUS	1.6620e-003	9.7600e-004
tblLandUse	LandUseSquareFeet	157,687.20	157,687.00
tblLandUse	LandUseSquareFeet	175,546.80	0.00
tblLandUse	LandUseSquareFeet	865,000.00	580,340.00
tblLandUse	LotAcreage	4.68	4.78
tblLandUse	LotAcreage	22.76	13.32
tblProjectCharacteristics	CO2IntensityFactor	702.44	326.051724615385
tblSolidWaste	SolidWasteGenerationRate	397.90	631.45
tblSolidWaste	SolidWasteGenerationRate	24.46	287.99
tblSolidWaste	SolidWasteGenerationRate	128.71	247.25
tblSolidWaste	SolidWasteGenerationRate	6.14	64.06
tblVehicleEF	HHD	0.36	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.45	6.76
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.73	8.4500e-003
tblVehicleEF	HHD	4,163.50	953.50
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07

tblVehicleEF	HHD	12.30	5.54
tblVehicleEF	HHD	1.81	2.48
tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.0470e-003	2.2320e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.9150e-003	2.1350e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.37	0.45
tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.8060e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.44	0.52
tblVehicleEF	HHD	8.7000e-005	2.0000e-006

tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.34	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.05	6.67
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.54	8.0260e-003
tblVehicleEF	HHD	4,410.86	941.68
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.70	5.27
tblVehicleEF	HHD	1.71	2.35
tblVehicleEF	HHD	19.27	2.34
tblVehicleEF	HHD	2.5680e-003	1.9700e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.4570e-003	1.8850e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005

tblVehicleEF	HHD	0.35	0.48
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.6960e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7300e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.41	0.55
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.39	0.02
tblVehicleEF	HHD	0.10	9.4100e-004
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.00	6.74
tblVehicleEF	HHD	1.11	0.25
tblVehicleEF	HHD	3.77	8.5340e-003
tblVehicleEF	HHD	3,821.91	948.21
tblVehicleEF	HHD	1,518.98	1,096.02
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	11.75	5.77
tblVehicleEF	HHD	1.78	2.42
tblVehicleEF	HHD	19.28	2.34

tblVehicleEF	HHD	3.7070e-003	2.4810e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	3.5470e-003	2.3740e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.7200e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.40	0.41
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.03	8.9580e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.47	0.47
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.07	3.0000e-006

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tblVehicleEF	LDA	0.36	0.45
tblVehicleEF	LDA	0.50	1.49
tblVehicleEF	LDA	194.38	224.34
tblVehicleEF	LDA	39.45	43.42
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.6650e-003	3.5690e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	1.9450e-003	2.0390e-003
tblVehicleEF	LDA	4.0200e-004	3.9400e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.2360e-003	5.2040e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	2.4030e-003	1.1550e-003

tblVehicleEF	LDA	1.3830e-003	0.02
tblVehicleEF	LDA	0.39	0.50
tblVehicleEF	LDA	0.42	1.28
tblVehicleEF	LDA	203.46	234.14
tblVehicleEF	LDA	39.45	43.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	6.0290e-003	3.7840e-003
tblVehicleEF	LDA	0.03	0.14
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.0360e-003	2.1280e-003
tblVehicleEF	LDA	4.0100e-004	3.9100e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7670e-003	5.5200e-003
tblVehicleEF	LDA	0.03	0.15
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.2080e-003	1.0540e-003
tblVehicleEF	LDA	1.5860e-003	0.02

tblVehicleEF	LDA	0.34	0.44
tblVehicleEF	LDA	0.51	1.54
tblVehicleEF	LDA	191.06	220.72
tblVehicleEF	LDA	39.45	43.51
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.5470e-003	3.4970e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.9120e-003	2.0060e-003
tblVehicleEF	LDA	4.0200e-004	3.9500e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.0650e-003	5.1000e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDT1	4.8040e-003	1.9860e-003
tblVehicleEF	LDT1	3.6300e-003	0.03
tblVehicleEF	LDT1	0.62	0.60

tblVehicleEF	LDT1	0.91	1.61
tblVehicleEF	LDT1	255.37	271.33
tblVehicleEF	LDT1	51.58	52.83
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.01	7.6070e-003
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	2.5590e-003	2.4650e-003
tblVehicleEF	LDT1	5.3100e-004	4.8000e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	5.0980e-003	2.1170e-003
tblVehicleEF	LDT1	3.2330e-003	0.03
tblVehicleEF	LDT1	0.68	0.65
tblVehicleEF	LDT1	0.77	1.38

tblVehicleEF	LDT1	266.74	281.43
tblVehicleEF	LDT1	51.58	52.39
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.01	8.0550e-003
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.04	0.11
tblVehicleEF	LDT1	2.6740e-003	2.5570e-003
tblVehicleEF	LDT1	5.2800e-004	4.7600e-004
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	4.7090e-003	1.9450e-003
tblVehicleEF	LDT1	3.7130e-003	0.03
tblVehicleEF	LDT1	0.60	0.58
tblVehicleEF	LDT1	0.93	1.66
tblVehicleEF	LDT1	251.20	267.60

tblVehicleEF	LDT1	51.58	52.93
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.01	7.4590e-003
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	2.5170e-003	2.4310e-003
tblVehicleEF	LDT1	5.3100e-004	4.8100e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT2	3.4270e-003	1.9090e-003
tblVehicleEF	LDT2	2.2070e-003	0.03
tblVehicleEF	LDT2	0.53	0.60
tblVehicleEF	LDT2	0.69	1.96
tblVehicleEF	LDT2	281.92	272.19
tblVehicleEF	LDT2	56.69	53.12

tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.5230e-003	7.1120e-003
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.8220e-003	2.4740e-003
tblVehicleEF	LDT2	5.7800e-004	4.8300e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	3.6410e-003	2.0380e-003
tblVehicleEF	LDT2	1.9920e-003	0.03
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.60	1.68
tblVehicleEF	LDT2	294.56	281.38
tblVehicleEF	LDT2	56.69	52.59
tblVehicleEF	LDT2	0.03	0.03

tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.0530e-003	7.5260e-003
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.12
tblVehicleEF	LDT2	2.9490e-003	2.5570e-003
tblVehicleEF	LDT2	5.7600e-004	4.7800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	3.3570e-003	1.8690e-003
tblVehicleEF	LDT2	2.2530e-003	0.03
tblVehicleEF	LDT2	0.51	0.58
tblVehicleEF	LDT2	0.70	2.03
tblVehicleEF	LDT2	277.28	268.79
tblVehicleEF	LDT2	56.69	53.25
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.04	0.14

tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.3500e-003	6.9760e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.7760e-003	2.4430e-003
tblVehicleEF	LDT2	5.7800e-004	4.8400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LHD1	3.2450e-003	3.7380e-003
tblVehicleEF	LHD1	2.8770e-003	1.9460e-003
tblVehicleEF	LHD1	6.8360e-003	6.8950e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.25	0.77
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.03

tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.47	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27

tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7460e-003
tblVehicleEF	LHD1	2.9060e-003	1.9640e-003
tblVehicleEF	LHD1	6.5820e-003	6.6630e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.19	0.74
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	8.97
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.14
tblVehicleEF	LHD1	0.45	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27

tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5300e-004	8.9000e-005
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7370e-003
tblVehicleEF	LHD1	2.8690e-003	1.9400e-003
tblVehicleEF	LHD1	6.8860e-003	6.9460e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.26	0.78
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.04
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.48	0.19
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004

tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD2	2.4390e-003	2.5250e-003
tblVehicleEF	LHD2	1.9310e-003	1.9850e-003
tblVehicleEF	LHD2	2.7180e-003	4.3850e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48

tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.50
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02

tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5300e-003
tblVehicleEF	LHD2	1.9420e-003	1.9950e-003
tblVehicleEF	LHD2	2.6710e-003	4.2380e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.81	0.46
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.47
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.20
tblVehicleEF	LHD2	0.23	0.11
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5240e-003
tblVehicleEF	LHD2	1.9280e-003	1.9820e-003
tblVehicleEF	LHD2	2.7280e-003	4.4170e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.51
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3400e-004	6.4000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	17.87	17.90

tblVehicleEF	MCY	9.83	8.72
tblVehicleEF	MCY	192.71	224.98
tblVehicleEF	MCY	41.76	57.18
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	2.57	2.57
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	1.96	1.74
tblVehicleEF	MCY	2.2990e-003	2.2260e-003
tblVehicleEF	MCY	6.3600e-004	5.6600e-004
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	3.22	3.23
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	2.14	1.90
tblVehicleEF	MCY	0.55	0.37
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	17.28	17.29
tblVehicleEF	MCY	8.92	7.89

tblVehicleEF	MCY	192.71	223.83
tblVehicleEF	MCY	41.76	55.25
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	2.52	2.52
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.77	1.56
tblVehicleEF	MCY	2.2880e-003	2.2150e-003
tblVehicleEF	MCY	6.1500e-004	5.4700e-004
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	3.17	3.17
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.96	18.02
tblVehicleEF	MCY	10.00	8.89
tblVehicleEF	MCY	192.71	225.21

tblVehicleEF	MCY	41.76	57.57
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.3000e-003	2.2290e-003
tblVehicleEF	MCY	6.4000e-004	5.7000e-004
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	3.24	3.24
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.18	1.94
tblVehicleEF	MDV	5.2160e-003	2.0250e-003
tblVehicleEF	MDV	4.1990e-003	0.03
tblVehicleEF	MDV	0.67	0.60
tblVehicleEF	MDV	1.00	1.98
tblVehicleEF	MDV	378.68	331.57
tblVehicleEF	MDV	74.82	63.29

tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.14
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.6990e-003
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7870e-003	3.0160e-003
tblVehicleEF	MDV	7.6400e-004	5.7500e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MDV	5.5400e-003	2.1620e-003
tblVehicleEF	MDV	3.7620e-003	0.03
tblVehicleEF	MDV	0.73	0.66
tblVehicleEF	MDV	0.87	1.69
tblVehicleEF	MDV	395.18	340.71
tblVehicleEF	MDV	74.82	62.75
tblVehicleEF	MDV	0.05	0.03

tblVehicleEF	MDV	0.06	0.13
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.01	8.1430e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.05	0.13
tblVehicleEF	MDV	3.9520e-003	3.0990e-003
tblVehicleEF	MDV	7.6200e-004	5.7000e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.06	0.14
tblVehicleEF	MDV	5.1110e-003	1.9820e-003
tblVehicleEF	MDV	4.2910e-003	0.03
tblVehicleEF	MDV	0.64	0.58
tblVehicleEF	MDV	1.03	2.05
tblVehicleEF	MDV	372.61	328.19
tblVehicleEF	MDV	74.82	63.41
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.15

tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.5520e-003
tblVehicleEF	MDV	0.08	0.31
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7260e-003	2.9850e-003
tblVehicleEF	MDV	7.6500e-004	5.7600e-004
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.32
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MH	4.9780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.28	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.62	2.47
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02

tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2400e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	5.0780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.28	0.17
tblVehicleEF	MH	3.09	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.57	2.33
tblVehicleEF	MH	0.52	0.00

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2100e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	4.9510e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.31	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.60	2.42

tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2500e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MHD	0.02	3.9670e-003
tblVehicleEF	MHD	2.0900e-003	7.9900e-004
tblVehicleEF	MHD	0.03	8.6760e-003
tblVehicleEF	MHD	0.34	0.38
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.16	0.84

tblVehicleEF	MHD	137.17	55.31
tblVehicleEF	MHD	1,118.54	879.13
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tblVehicleEF	MHD	0.35	0.28
tblVehicleEF	MHD	0.67	1.07
tblVehicleEF	MHD	10.47	1.66
tblVehicleEF	MHD	3.9000e-005	9.8000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.7000e-005	9.4000e-005
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tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.03	8.4860e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.3200e-003	5.2500e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2000e-004	8.7000e-005
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.04	0.01

tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.22	0.05
tblVehicleEF	MHD	0.02	3.7710e-003
tblVehicleEF	MHD	2.1040e-003	8.1200e-004
tblVehicleEF	MHD	0.03	8.3760e-003
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tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.00	0.80
tblVehicleEF	MHD	145.29	54.96
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.68
tblVehicleEF	MHD	0.36	0.27
tblVehicleEF	MHD	0.63	1.01
tblVehicleEF	MHD	10.45	1.66
tblVehicleEF	MHD	3.3000e-005	8.6000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.1000e-005	8.2000e-005
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
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tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.03	8.5290e-003
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.20	0.04

tblVehicleEF	MHD	1.3970e-003	5.2200e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.1700e-004	8.6000e-005
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.22	0.04
tblVehicleEF	MHD	0.02	4.2500e-003
tblVehicleEF	MHD	2.0860e-003	7.9500e-004
tblVehicleEF	MHD	0.03	8.7240e-003
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tblVehicleEF	MHD	0.20	0.11
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tblVehicleEF	MHD	1,118.54	879.13
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tblVehicleEF	MHD	10.47	1.67
tblVehicleEF	MHD	4.7000e-005	1.1600e-004
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	4.5000e-005	1.1100e-004
tblVehicleEF	MHD	2.6790e-003	6.0070e-003

tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
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tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2100e-004	8.7000e-005
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.23	0.05
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tblVehicleEF	OBUS	3.2830e-003	1.9210e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.69
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tblVehicleEF	OBUS	2.3000e-005	1.4600e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
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tblVehicleEF	OBUS	2.2000e-005	1.4000e-004
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tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.25	0.09
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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.2000e-004	1.5100e-004
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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.04	0.02
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tblVehicleEF	OBUS	0.28	0.10
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tblVehicleEF	OBUS	2.55	0.95
tblVehicleEF	OBUS	1.9000e-005	1.3000e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	1.8000e-005	1.2400e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	2.0040e-003	2.2690e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.24	0.08
tblVehicleEF	OBUS	1.1230e-003	9.0000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1700e-004	1.4900e-004

tblVehicleEF	OBUS	2.0040e-003	2.2690e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	OBUS	0.01	7.8420e-003
tblVehicleEF	OBUS	3.2720e-003	1.9110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.26	0.70
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tblVehicleEF	OBUS	1.3430e-003	1.5590e-003
tblVehicleEF	OBUS	0.02	0.02

tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5700e-004	8.4700e-004
tblVehicleEF	OBUS	0.03	0.01
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tblVehicleEF	SBUS	0.05	9.1770e-003
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tblVehicleEF	SBUS	9.86	1.52

tblVehicleEF	SBUS	9.3400e-004	9.3500e-004
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tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	4.5390e-003	1.6490e-003
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tblVehicleEF	SBUS	1.14	0.50
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tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.36	0.05
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tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7400e-004	7.5000e-005
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tblVehicleEF	SBUS	1.65	0.73
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tblVehicleEF	SBUS	0.82	0.11
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tblVehicleEF	SBUS	0.04	8.1910e-003

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tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	7.5400e-004	7.6400e-004
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tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
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tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.08
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tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	1.0880e-003	1.0730e-003
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
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tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
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tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
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tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
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tblVehicleEF	UBUS	1.4690e-003	7.4000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
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tblVehicleEF	UBUS	2.53	0.02

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tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	0.21	1.3980e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	8.2440e-003	1.1850e-003
tblVehicleEF	UBUS	1.4510e-003	7.2000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	1.62	2.0400e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	1.38	4.0500e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.86	0.03
tblVehicleEF	UBUS	8.16	0.73

tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.47
tblVehicleEF	UBUS	2.64	0.02
tblVehicleEF	UBUS	12.79	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	0.21	1.3630e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.73	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4720e-003	7.4000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	1.62	1.9890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.80	0.06
tblVehicleTrips	CC_TL	8.40	0.00

tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	16.30	100.00
tblVehicleTrips	DV_TP	11.00	0.00

tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	14.07
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29
tblVehicleTrips	WD_TR	6.65	2.99
tblVehicleTrips	WD_TR	11.03	6.57

tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	56,358,232.16	73,283,889.90
tblWater	IndoorWaterUseRate	4,674,397.57	4,456,338.28
tblWater	IndoorWaterUseRate	1,335,452.19	3,826,012.10
tblWater	IndoorWaterUseRate	433,324.25	991,238.74
tblWater	OutdoorWaterUseRate	35,530,189.84	0.00
tblWater	OutdoorWaterUseRate	2,864,953.35	0.00
tblWater	OutdoorWaterUseRate	818,502.96	0.00
tblWater	OutdoorWaterUseRate	265,585.83	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	43.25	0.00
tblWoodstoves	NumberNoncatalytic	43.25	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.5886	10.6635	70.5177	0.2579	34.7772	0.1557	34.9329	9.2654	0.1450	9.4104		28,145.0131	28,145.0131	0.5498		28,158.7571
Unmitigated	5.5886	10.6635	70.5177	0.2579	34.7772	0.1557	34.9329	9.2654	0.1450	9.4104		28,145.0131	28,145.0131	0.5498		28,158.7571

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,586.35	2,586.35	2586.35	13,245,940	13,245,940
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	172.79	39.19	12.36	669,819	669,819
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	292.86	92.58	138.19	1,240,189	1,240,189
Regional Shopping Center	139.11	170.00	77.75	690,165	690,165
Total	3,191.12	2,888.12	2,814.65	15,846,112	15,846,112

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	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Regional Shopping Center	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474
Enclosed Parking with Elevator	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
General Office Building	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Non-Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Recreational Swimming Pool	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Regional Shopping Center	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782
NaturalGas Unmitigated	0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	24973.2	0.2693	2.3015	0.9793	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.0251	2,938.0251	0.0563	0.0539	2,955.4843
Enclosed Parking with Elevator	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
General Office Building	896.362	9.6700e-003	0.0879	0.0738	5.3000e-004		6.6800e-003	6.6800e-003		6.6800e-003	6.6800e-003		105.4543	105.4543	2.0200e-003	1.9300e-003	106.0810
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	1224.89	0.0132	0.1201	0.1009	7.2000e-004		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003		144.1044	144.1044	2.7600e-003	2.6400e-003	144.9608
Regional Shopping Center	29.1699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

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	24.9732	0.2693	2.3015	0.9793	0.0147		0.1861	0.1861		0.1861	0.1861		2,938.0251	2,938.0251	0.0563	0.0539	2,955.4843
Enclosed Parking with Elevator	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
General Office Building	0.896362	9.6700e-003	0.0879	0.0738	5.3000e-004		6.6800e-003	6.6800e-003		6.6800e-003	6.6800e-003		105.4543	105.4543	2.0200e-003	1.9300e-003	106.0810
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	1.22489	0.0132	0.1201	0.1009	7.2000e-004		9.1300e-003	9.1300e-003		9.1300e-003	9.1300e-003		144.1044	144.1044	2.7600e-003	2.6400e-003	144.9608
Regional Shopping Center	0.0291699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2925	2.5123	1.1564	0.0160		0.2021	0.2021		0.2021	0.2021		3,191.0156	3,191.0156	0.0612	0.0585	3,209.9782

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	15.9880	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960	0.0000	128.6252	128.6252	0.1228	0.0000	131.6941
Unmitigated	15.9880	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960	0.0000	128.6252	128.6252	0.1228	0.0000	131.6941

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	1.1497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.7039					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	2.1343	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960		128.6252	128.6252	0.1228		131.6941
Total	15.9880	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960	0.0000	128.6252	128.6252	0.1228	0.0000	131.6941

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	1.1497					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.7039					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	2.1343	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960		128.6252	128.6252	0.1228		131.6941
Total	15.9880	0.8211	71.2342	3.7700e-003		0.3960	0.3960		0.3960	0.3960	0.0000	128.6252	128.6252	0.1228	0.0000	131.6941

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

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

Existing 2033 - Los Angeles-South Coast County, Annual

Existing 2033
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	26.30	1000sqft	0.60	26,300.00	0
Enclosed Parking with Elevator	520.00	Space	4.78	208,000.00	0
Other Asphalt Surfaces	3.62	Acre	3.62	157,687.00	0
Other Non-Asphalt Surfaces	4.03	Acre	4.03	0.00	0
Recreational Swimming Pool	22.58	1000sqft	0.52	22,580.00	0
Apartments Mid Rise	865.00	Dwelling Unit	13.32	580,340.00	2474
Regional Shopping Center	5.85	1000sqft	0.13	5,850.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2033
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	326.0517246	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - Utilizes energy rates for a health club.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	21941	12480
tblEnergyUse	LightingElect	0.00	3.85
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	0.00	2.94
tblEnergyUse	T24NG	0.00	15.35
tblFireplaces	NumberGas	735.25	0.00
tblFireplaces	NumberNoFireplace	86.50	865.00
tblFireplaces	NumberWood	43.25	0.00
tblFleetMix	HHD	0.04	0.01
tblFleetMix	LDA	0.54	0.56
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.22

tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	6.4170e-003	3.7680e-003
tblFleetMix	MCY	5.3130e-003	5.5400e-003
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	8.0700e-004	4.7400e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.6760e-003	1.5710e-003
tblFleetMix	SBUS	7.2800e-004	4.2700e-004
tblFleetMix	UBUS	1.6620e-003	9.7600e-004
tblLandUse	LandUseSquareFeet	157,687.20	157,687.00
tblLandUse	LandUseSquareFeet	175,546.80	0.00
tblLandUse	LandUseSquareFeet	865,000.00	580,340.00
tblLandUse	LotAcreage	4.68	4.78
tblLandUse	LotAcreage	22.76	13.32
tblProjectCharacteristics	CO2IntensityFactor	702.44	326.051724615385
tblSolidWaste	SolidWasteGenerationRate	397.90	631.45
tblSolidWaste	SolidWasteGenerationRate	24.46	287.99
tblSolidWaste	SolidWasteGenerationRate	128.71	247.25
tblSolidWaste	SolidWasteGenerationRate	6.14	64.06
tblVehicleEF	HHD	0.36	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.45	6.76
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.73	8.4500e-003
tblVehicleEF	HHD	4,163.50	953.50
tblVehicleEF	HHD	1,518.98	1,155.06

tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.30	5.54
tblVehicleEF	HHD	1.81	2.48
tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.0470e-003	2.2320e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.9150e-003	2.1350e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.37	0.45
tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.8060e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.44	0.52

tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.34	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.05	6.67
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.54	8.0260e-003
tblVehicleEF	HHD	4,410.86	941.68
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.70	5.27
tblVehicleEF	HHD	1.71	2.35
tblVehicleEF	HHD	19.27	2.34
tblVehicleEF	HHD	2.5680e-003	1.9700e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.4570e-003	1.8850e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006

tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.35	0.48
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.6960e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7300e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.41	0.55
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.39	0.02
tblVehicleEF	HHD	0.10	9.4100e-004
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.00	6.74
tblVehicleEF	HHD	1.11	0.25
tblVehicleEF	HHD	3.77	8.5340e-003
tblVehicleEF	HHD	3,821.91	948.21
tblVehicleEF	HHD	1,518.98	1,096.02
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	11.75	5.77
tblVehicleEF	HHD	1.78	2.42

tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.7070e-003	2.4810e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	3.5470e-003	2.3740e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.7200e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.40	0.41
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.03	8.9580e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.47	0.47
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004

tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	LDA	2.2560e-003	1.0780e-003
tblVehicleEF	LDA	1.5510e-003	0.02
tblVehicleEF	LDA	0.36	0.45
tblVehicleEF	LDA	0.50	1.49
tblVehicleEF	LDA	194.38	224.34
tblVehicleEF	LDA	39.45	43.42
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.6650e-003	3.5690e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	1.9450e-003	2.0390e-003
tblVehicleEF	LDA	4.0200e-004	3.9400e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.2360e-003	5.2040e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.10

tblVehicleEF	LDA	2.4030e-003	1.1550e-003
tblVehicleEF	LDA	1.3830e-003	0.02
tblVehicleEF	LDA	0.39	0.50
tblVehicleEF	LDA	0.42	1.28
tblVehicleEF	LDA	203.46	234.14
tblVehicleEF	LDA	39.45	43.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	6.0290e-003	3.7840e-003
tblVehicleEF	LDA	0.03	0.14
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.0360e-003	2.1280e-003
tblVehicleEF	LDA	4.0100e-004	3.9100e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7670e-003	5.5200e-003
tblVehicleEF	LDA	0.03	0.15
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.2080e-003	1.0540e-003

tblVehicleEF	LDA	1.5860e-003	0.02
tblVehicleEF	LDA	0.34	0.44
tblVehicleEF	LDA	0.51	1.54
tblVehicleEF	LDA	191.06	220.72
tblVehicleEF	LDA	39.45	43.51
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.5470e-003	3.4970e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.9120e-003	2.0060e-003
tblVehicleEF	LDA	4.0200e-004	3.9500e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.0650e-003	5.1000e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDT1	4.8040e-003	1.9860e-003
tblVehicleEF	LDT1	3.6300e-003	0.03

tblVehicleEF	LDT1	0.62	0.60
tblVehicleEF	LDT1	0.91	1.61
tblVehicleEF	LDT1	255.37	271.33
tblVehicleEF	LDT1	51.58	52.83
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.01	7.6070e-003
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	2.5590e-003	2.4650e-003
tblVehicleEF	LDT1	5.3100e-004	4.8000e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	5.0980e-003	2.1170e-003
tblVehicleEF	LDT1	3.2330e-003	0.03
tblVehicleEF	LDT1	0.68	0.65

tblVehicleEF	LDT1	0.77	1.38
tblVehicleEF	LDT1	266.74	281.43
tblVehicleEF	LDT1	51.58	52.39
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.01	8.0550e-003
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.04	0.11
tblVehicleEF	LDT1	2.6740e-003	2.5570e-003
tblVehicleEF	LDT1	5.2800e-004	4.7600e-004
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	4.7090e-003	1.9450e-003
tblVehicleEF	LDT1	3.7130e-003	0.03
tblVehicleEF	LDT1	0.60	0.58
tblVehicleEF	LDT1	0.93	1.66

tblVehicleEF	LDT1	251.20	267.60
tblVehicleEF	LDT1	51.58	52.93
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.01	7.4590e-003
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	2.5170e-003	2.4310e-003
tblVehicleEF	LDT1	5.3100e-004	4.8100e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT2	3.4270e-003	1.9090e-003
tblVehicleEF	LDT2	2.2070e-003	0.03
tblVehicleEF	LDT2	0.53	0.60
tblVehicleEF	LDT2	0.69	1.96
tblVehicleEF	LDT2	281.92	272.19

tblVehicleEF	LDT2	56.69	53.12
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.5230e-003	7.1120e-003
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.8220e-003	2.4740e-003
tblVehicleEF	LDT2	5.7800e-004	4.8300e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	3.6410e-003	2.0380e-003
tblVehicleEF	LDT2	1.9920e-003	0.03
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.60	1.68
tblVehicleEF	LDT2	294.56	281.38
tblVehicleEF	LDT2	56.69	52.59

tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.0530e-003	7.5260e-003
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.12
tblVehicleEF	LDT2	2.9490e-003	2.5570e-003
tblVehicleEF	LDT2	5.7600e-004	4.7800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	3.3570e-003	1.8690e-003
tblVehicleEF	LDT2	2.2530e-003	0.03
tblVehicleEF	LDT2	0.51	0.58
tblVehicleEF	LDT2	0.70	2.03
tblVehicleEF	LDT2	277.28	268.79
tblVehicleEF	LDT2	56.69	53.25
tblVehicleEF	LDT2	0.04	0.03

tblVehicleEF	LDT2	0.04	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.3500e-003	6.9760e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.7760e-003	2.4430e-003
tblVehicleEF	LDT2	5.7800e-004	4.8400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LHD1	3.2450e-003	3.7380e-003
tblVehicleEF	LHD1	2.8770e-003	1.9460e-003
tblVehicleEF	LHD1	6.8360e-003	6.8950e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.25	0.77
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84

tblVehicleEF	LHD1	23.20	9.03
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.47	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03

tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7460e-003
tblVehicleEF	LHD1	2.9060e-003	1.9640e-003
tblVehicleEF	LHD1	6.5820e-003	6.6630e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.19	0.74
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	8.97
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.14
tblVehicleEF	LHD1	0.45	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
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tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03

tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
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tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7370e-003
tblVehicleEF	LHD1	2.8690e-003	1.9400e-003
tblVehicleEF	LHD1	6.8860e-003	6.9460e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.26	0.78
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.04
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tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.48	0.19
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003

tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD2	2.4390e-003	2.5250e-003
tblVehicleEF	LHD2	1.9310e-003	1.9850e-003
tblVehicleEF	LHD2	2.7180e-003	4.3850e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20

tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.50
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
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tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5300e-003
tblVehicleEF	LHD2	1.9420e-003	1.9950e-003
tblVehicleEF	LHD2	2.6710e-003	4.2380e-003
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tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.81	0.46
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.47
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.20
tblVehicleEF	LHD2	0.23	0.11
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
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tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5240e-003
tblVehicleEF	LHD2	1.9280e-003	1.9820e-003
tblVehicleEF	LHD2	2.7280e-003	4.4170e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.51
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12

tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3400e-004	6.4000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.14	0.23

tblVehicleEF	MCY	17.87	17.90
tblVehicleEF	MCY	9.83	8.72
tblVehicleEF	MCY	192.71	224.98
tblVehicleEF	MCY	41.76	57.18
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	2.57	2.57
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	1.96	1.74
tblVehicleEF	MCY	2.2990e-003	2.2260e-003
tblVehicleEF	MCY	6.3600e-004	5.6600e-004
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	3.22	3.23
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	2.14	1.90
tblVehicleEF	MCY	0.55	0.37
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	17.28	17.29

tblVehicleEF	MCY	8.92	7.89
tblVehicleEF	MCY	192.71	223.83
tblVehicleEF	MCY	41.76	55.25
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	2.52	2.52
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.77	1.56
tblVehicleEF	MCY	2.2880e-003	2.2150e-003
tblVehicleEF	MCY	6.1500e-004	5.4700e-004
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	3.17	3.17
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.96	18.02
tblVehicleEF	MCY	10.00	8.89

tblVehicleEF	MCY	192.71	225.21
tblVehicleEF	MCY	41.76	57.57
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.3000e-003	2.2290e-003
tblVehicleEF	MCY	6.4000e-004	5.7000e-004
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	3.24	3.24
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.18	1.94
tblVehicleEF	MDV	5.2160e-003	2.0250e-003
tblVehicleEF	MDV	4.1990e-003	0.03
tblVehicleEF	MDV	0.67	0.60
tblVehicleEF	MDV	1.00	1.98
tblVehicleEF	MDV	378.68	331.57

tblVehicleEF	MDV	74.82	63.29
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.14
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.6990e-003
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7870e-003	3.0160e-003
tblVehicleEF	MDV	7.6400e-004	5.7500e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MDV	5.5400e-003	2.1620e-003
tblVehicleEF	MDV	3.7620e-003	0.03
tblVehicleEF	MDV	0.73	0.66
tblVehicleEF	MDV	0.87	1.69
tblVehicleEF	MDV	395.18	340.71
tblVehicleEF	MDV	74.82	62.75

tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.06	0.13
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.01	8.1430e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.05	0.13
tblVehicleEF	MDV	3.9520e-003	3.0990e-003
tblVehicleEF	MDV	7.6200e-004	5.7000e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.06	0.14
tblVehicleEF	MDV	5.1110e-003	1.9820e-003
tblVehicleEF	MDV	4.2910e-003	0.03
tblVehicleEF	MDV	0.64	0.58
tblVehicleEF	MDV	1.03	2.05
tblVehicleEF	MDV	372.61	328.19
tblVehicleEF	MDV	74.82	63.41
tblVehicleEF	MDV	0.06	0.03

tblVehicleEF	MDV	0.07	0.15
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.5520e-003
tblVehicleEF	MDV	0.08	0.31
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7260e-003	2.9850e-003
tblVehicleEF	MDV	7.6500e-004	5.7600e-004
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.32
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MH	4.9780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.28	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.62	2.47
tblVehicleEF	MH	0.55	0.00

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2400e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	5.0780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.28	0.17
tblVehicleEF	MH	3.09	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.57	2.33

tblVehicleEF	MH	0.52	0.00
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tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2100e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	4.9510e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.31	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00

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tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2500e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.03	0.06
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tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.3500e-004	2.7400e-004

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tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.22	0.05
tblVehicleEF	MHD	0.02	3.7710e-003
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tblVehicleEF	MHD	0.03	8.3760e-003
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tblVehicleEF	MHD	1,118.54	879.13
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tblVehicleEF	MHD	3.3000e-005	8.6000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
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tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.03	8.5290e-003
tblVehicleEF	MHD	0.01	0.07

tblVehicleEF	MHD	0.20	0.04
tblVehicleEF	MHD	1.3970e-003	5.2200e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.1700e-004	8.6000e-005
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.22	0.04
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tblVehicleEF	MHD	0.03	0.02
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tblVehicleEF	OBUS	3.2830e-003	1.9210e-003
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tblVehicleEF	OBUS	1,223.90	1,131.18

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tblVehicleEF	OBUS	2.3000e-005	1.4600e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	2.2000e-005	1.4000e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.25	0.09
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tblVehicleEF	OBUS	7.2000e-004	1.5100e-004
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tblVehicleEF	OBUS	0.28	0.10

tblVehicleEF	OBUS	0.01	8.0710e-003
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tblVehicleEF	UBUS	7.97	0.71
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.44
tblVehicleEF	UBUS	2.69	0.02
tblVehicleEF	UBUS	12.78	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003

tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	0.21	1.3700e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.71	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4690e-003	7.4000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	1.62	1.9990e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.78	0.05
tblVehicleEF	UBUS	1.38	4.1800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.88	0.03
tblVehicleEF	UBUS	7.00	0.63
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.30

tblVehicleEF	UBUS	2.53	0.02
tblVehicleEF	UBUS	12.72	0.08
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	0.21	1.3980e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	8.2440e-003	1.1850e-003
tblVehicleEF	UBUS	1.4510e-003	7.2000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	1.62	2.0400e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	1.38	4.0500e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.86	0.03

tblVehicleEF	UBUS	8.16	0.73
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.47
tblVehicleEF	UBUS	2.64	0.02
tblVehicleEF	UBUS	12.79	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	0.21	1.3630e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.73	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4720e-003	7.4000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	1.62	1.9890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.80	0.06

tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TL	16.60	14.07
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	16.30	100.00

tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	14.07
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29
tblVehicleTrips	WD_TR	6.65	2.99

tblVehicleTrips	WD_TR	11.03	6.57
tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	56,358,232.16	73,283,889.90
tblWater	IndoorWaterUseRate	4,674,397.57	4,456,338.28
tblWater	IndoorWaterUseRate	1,335,452.19	3,826,012.10
tblWater	IndoorWaterUseRate	433,324.25	991,238.74
tblWater	OutdoorWaterUseRate	35,530,189.84	0.00
tblWater	OutdoorWaterUseRate	2,864,953.35	0.00
tblWater	OutdoorWaterUseRate	818,502.96	0.00
tblWater	OutdoorWaterUseRate	265,585.83	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	43.25	0.00
tblWoodstoves	NumberNoncatalytic	43.25	0.00

2.0 Emissions Summary

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	2.7951	0.1026	8.9043	4.7000e-004		0.0495	0.0495		0.0495	0.0495	0.0000	14.5859	14.5859	0.0139	0.0000	14.9339
Energy	0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	1,311.4675	1,311.4675	0.0798	0.0241	1,320.6431
Mobile	0.9327	1.8399	12.6072	0.0454	5.9587	0.0269	5.9856	1.5899	0.0251	1.6149	0.0000	4,506.9726	4,506.9726	0.1066	0.0000	4,509.6369
Waste						0.0000	0.0000		0.0000	0.0000	249.8311	0.0000	249.8311	14.7646	0.0000	618.9460
Water						0.0000	0.0000		0.0000	0.0000	29.2090	158.9839	188.1928	0.1147	0.0665	210.8605
Total	3.7811	2.4010	21.7225	0.0488	5.9587	0.1133	6.0720	1.5899	0.1114	1.7013	279.0401	5,992.0098	6,271.0499	15.0795	0.0906	6,675.0204

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	2.7951	0.1026	8.9043	4.7000e-004		0.0495	0.0495		0.0495	0.0495	0.0000	14.5859	14.5859	0.0139	0.0000	14.9339
Energy	0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	1,311.4675	1,311.4675	0.0798	0.0241	1,320.6431
Mobile	0.9327	1.8399	12.6072	0.0454	5.9587	0.0269	5.9856	1.5899	0.0251	1.6149	0.0000	4,506.9726	4,506.9726	0.1066	0.0000	4,509.6369
Waste						0.0000	0.0000		0.0000	0.0000	249.8311	0.0000	249.8311	14.7646	0.0000	618.9460
Water						0.0000	0.0000		0.0000	0.0000	29.2090	158.9839	188.1928	0.1147	0.0665	210.8605
Total	3.7811	2.4010	21.7225	0.0488	5.9587	0.1133	6.0720	1.5899	0.1114	1.7013	279.0401	5,992.0098	6,271.0499	15.0795	0.0906	6,675.0204

	ROG	NOx	CO	SO2	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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.9327	1.8399	12.6072	0.0454	5.9587	0.0269	5.9856	1.5899	0.0251	1.6149	0.0000	4,506.9726	4,506.9726	0.1066	0.0000	4,509.6369
Unmitigated	0.9327	1.8399	12.6072	0.0454	5.9587	0.0269	5.9856	1.5899	0.0251	1.6149	0.0000	4,506.9726	4,506.9726	0.1066	0.0000	4,509.6369

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,586.35	2,586.35	2586.35	13,245,940	13,245,940
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	172.79	39.19	12.36	669,819	669,819
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	292.86	92.58	138.19	1,240,189	1,240,189
Regional Shopping Center	139.11	170.00	77.75	690,165	690,165
Total	3,191.12	2,888.12	2,814.65	15,846,112	15,846,112

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	14.07	0.00	0.00	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0
Regional Shopping Center	14.07	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474
Enclosed Parking with Elevator	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
General Office Building	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Non-Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Recreational Swimming Pool	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Regional Shopping Center	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	783.1591	783.1591	0.0697	0.0144	789.1952
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	783.1591	783.1591	0.0697	0.0144	789.1952
NaturalGas Mitigated	0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	528.3084	528.3084	0.0101	9.6900e-003	531.4479
NaturalGas Unmitigated	0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	528.3084	528.3084	0.0101	9.6900e-003	531.4479

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	9.11522e+006	0.0492	0.4200	0.1787	2.6800e-003		0.0340	0.0340		0.0340	0.0340	0.0000	486.4230	486.4230	9.3200e-003	8.9200e-003	489.3136
Enclosed Parking with Elevator	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
General Office Building	327172	1.7600e-003	0.0160	0.0135	1.0000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	17.4591	17.4591	3.3000e-004	3.2000e-004	17.5629
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	447084	2.4100e-003	0.0219	0.0184	1.3000e-004		1.6700e-003	1.6700e-003		1.6700e-003	1.6700e-003	0.0000	23.8581	23.8581	4.6000e-004	4.4000e-004	23.9999
Regional Shopping Center	10647	6.0000e-005	5.2000e-004	4.4000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5682	0.5682	1.0000e-005	1.0000e-005	0.5715
Total		0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	528.3084	528.3084	0.0101	9.6900e-003	531.4479

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	9.11522e+006	0.0492	0.4200	0.1787	2.6800e-003		0.0340	0.0340		0.0340	0.0340	0.0000	486.4230	486.4230	9.3200e-003	8.9200e-003	489.3136
Enclosed Parking with Elevator	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
General Office Building	327172	1.7600e-003	0.0160	0.0135	1.0000e-004		1.2200e-003	1.2200e-003		1.2200e-003	1.2200e-003	0.0000	17.4591	17.4591	3.3000e-004	3.2000e-004	17.5629
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	447084	2.4100e-003	0.0219	0.0184	1.3000e-004		1.6700e-003	1.6700e-003		1.6700e-003	1.6700e-003	0.0000	23.8581	23.8581	4.6000e-004	4.4000e-004	23.9999
Regional Shopping Center	10647	6.0000e-005	5.2000e-004	4.4000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5682	0.5682	1.0000e-005	1.0000e-005	0.5715
Total		0.0534	0.4585	0.2111	2.9100e-003		0.0369	0.0369		0.0369	0.0369	0.0000	528.3084	528.3084	0.0101	9.6900e-003	531.4479

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	3.11614e+006	460.8597	0.0410	8.4800e-003	464.4117
Enclosed Parking with Elevator	1.40192e+006	207.3364	0.0184	3.8200e-003	208.9344
General Office Building	400812	59.2779	5.2700e-003	1.0900e-003	59.7348
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	283153	41.8768	3.7200e-003	7.7000e-004	42.1996
Regional Shopping Center	93366	13.8083	1.2300e-003	2.5000e-004	13.9148
Total		783.1591	0.0697	0.0144	789.1952

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	3.11614e+006	460.8597	0.0410	8.4800e-003	464.4117
Enclosed Parking with Elevator	1.40192e+006	207.3364	0.0184	3.8200e-003	208.9344
General Office Building	400812	59.2779	5.2700e-003	1.0900e-003	59.7348
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	283153	41.8768	3.7200e-003	7.7000e-004	42.1996
Regional Shopping Center	93366	13.8083	1.2300e-003	2.5000e-004	13.9148
Total		783.1591	0.0697	0.0144	789.1952

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	2.7951	0.1026	8.9043	4.7000e-004		0.0495	0.0495		0.0495	0.0495	0.0000	14.5859	14.5859	0.0139	0.0000	14.9339
Unmitigated	2.7951	0.1026	8.9043	4.7000e-004		0.0495	0.0495		0.0495	0.0495	0.0000	14.5859	14.5859	0.0139	0.0000	14.9339

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	0.2098					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3185					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	0.2668	0.1026	8.9043	4.7000e-004		0.0495	0.0495		0.0495	0.0495	0.0000	14.5859	14.5859	0.0139	0.0000	14.9339
Total	2.7951	0.1026	8.9043	4.7000e-004		0.0495	0.0495		0.0495	0.0495	0.0000	14.5859	14.5859	0.0139	0.0000	14.9339

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	0.2098					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.3185					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	0.2668	0.1026	8.9043	4.7000e-004		0.0495	0.0495		0.0495	0.0495	0.0000	14.5859	14.5859	0.0139	0.0000	14.9339
Total	2.7951	0.1026	8.9043	4.7000e-004		0.0495	0.0495		0.0495	0.0495	0.0000	14.5859	14.5859	0.0139	0.0000	14.9339

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	188.1928	0.1147	0.0665	210.8605
Unmitigated	188.1928	0.1147	0.0665	210.8605

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	73.2839 / 0	167.0533	0.1018	0.0590	187.1747
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	4.45634 / 0	10.1584	6.1900e-003	3.5900e-003	11.3820
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	3.82601 / 0	8.7215	5.3100e-003	3.0800e-003	9.7720
Regional Shopping Center	0.991239 / 0	2.2596	1.3800e-003	8.0000e-004	2.5317
Total		188.1928	0.1147	0.0665	210.8605

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	73.2839 / 0	167.0533	0.1018	0.0590	187.1747
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	4.45634 / 0	10.1584	6.1900e-003	3.5900e-003	11.3820
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	3.82601 / 0	8.7215	5.3100e-003	3.0800e-003	9.7720
Regional Shopping Center	0.991239 / 0	2.2596	1.3800e-003	8.0000e-004	2.5317
Total		188.1928	0.1147	0.0665	210.8605

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	249.8311	14.7646	0.0000	618.9460
Unmitigated	249.8311	14.7646	0.0000	618.9460

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	631.45	128.1786	7.5751	0.0000	317.5572
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	287.99	58.4594	3.4549	0.0000	144.8306
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	247.25	50.1895	2.9661	0.0000	124.3424
Regional Shopping Center	64.06	13.0036	0.7685	0.0000	32.2159
Total		249.8311	14.7646	0.0000	618.9460

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	631.45	128.1786	7.5751	0.0000	317.5572
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	287.99	58.4594	3.4549	0.0000	144.8306
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	247.25	50.1895	2.9661	0.0000	124.3424
Regional Shopping Center	64.06	13.0036	0.7685	0.0000	32.2159
Total		249.8311	14.7646	0.0000	618.9460

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

CalEEMod Output: Operation – Existing Remaining

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Existing Remaining - Los Angeles-South Coast County, Summer

Existing Remaining
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	19.05	1000sqft	0.44	19,050.00	0
Enclosed Parking with Elevator	365.00	Space	3.35	146,000.00	0
Other Asphalt Surfaces	1.41	Acre	1.41	61,487.00	0
Other Non-Asphalt Surfaces	4.03	Acre	4.03	0.00	0
Recreational Swimming Pool	2.35	1000sqft	0.05	2,350.00	0
Apartments Mid Rise	630.00	Dwelling Unit	3.21	481,780.00	1802
Regional Shopping Center	5.85	1000sqft	0.13	5,850.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2033
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	326.05	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - Utilizes energy rates for a health club.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	12449	8760
tblConstructionPhase	NumDays	20.00	30.00
tblEnergyUse	LightingElect	0.00	3.85
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	0.00	2.94
tblEnergyUse	T24NG	0.00	15.35
tblFireplaces	NumberGas	535.50	0.00
tblFireplaces	NumberNoFireplace	63.00	630.00
tblFireplaces	NumberWood	31.50	0.00
tblFleetMix	HHD	0.04	0.01
tblFleetMix	LDA	0.54	0.56
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.22

tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	6.4170e-003	3.7680e-003
tblFleetMix	MCY	5.3130e-003	5.5400e-003
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	8.0700e-004	4.7400e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.6760e-003	1.5710e-003
tblFleetMix	SBUS	7.2800e-004	4.2700e-004
tblFleetMix	UBUS	1.6620e-003	9.7600e-004
tblLandUse	LandUseSquareFeet	61,506.72	61,487.00
tblLandUse	LandUseSquareFeet	175,546.80	0.00
tblLandUse	LandUseSquareFeet	630,000.00	481,780.00
tblLandUse	LotAcreage	3.28	3.35
tblLandUse	LotAcreage	16.58	3.21
tblProjectCharacteristics	CO2IntensityFactor	702.44	326.05
tblSolidWaste	SolidWasteGenerationRate	289.80	459.90
tblSolidWaste	SolidWasteGenerationRate	17.72	208.60
tblSolidWaste	SolidWasteGenerationRate	13.40	25.73
tblSolidWaste	SolidWasteGenerationRate	6.14	64.06
tblVehicleEF	HHD	0.36	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.45	6.76
tblVehicleEF	HHD	1.11	0.54
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tblVehicleEF	HHD	1,518.98	1,155.06

tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.30	5.54
tblVehicleEF	HHD	1.81	2.48
tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.0470e-003	2.2320e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
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tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
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tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.8060e-003
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tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
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tblVehicleEF	HHD	0.44	0.52

tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.34	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.05	6.67
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.54	8.0260e-003
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tblVehicleEF	HHD	0.04	0.04
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tblVehicleEF	HHD	8.8550e-003	8.9060e-003
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tblVehicleEF	HHD	1.2100e-004	1.0000e-006
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tblVehicleEF	HHD	3.5700e-004	3.9300e-004
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tblVehicleEF	HHD	0.04	8.6960e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7300e-004	1.0000e-006
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tblVehicleEF	HHD	1.78	2.42

tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.7070e-003	2.4810e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	3.5470e-003	2.3740e-003
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tblVehicleEF	HHD	8.8550e-003	8.7200e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
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tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
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tblVehicleEF	HHD	1.7600e-004	1.0000e-006
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tblVehicleEF	HHD	8.3000e-005	2.0000e-006
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tblVehicleEF	HHD	4.0900e-004	4.4900e-004

tblVehicleEF	HHD	0.07	3.0000e-006
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tblVehicleEF	LDA	0.05	0.06
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tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.2360e-003	5.2040e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.10

tblVehicleEF	LDA	2.4030e-003	1.1550e-003
tblVehicleEF	LDA	1.3830e-003	0.02
tblVehicleEF	LDA	0.39	0.50
tblVehicleEF	LDA	0.42	1.28
tblVehicleEF	LDA	203.46	234.14
tblVehicleEF	LDA	39.45	43.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	6.0290e-003	3.7840e-003
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tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.0360e-003	2.1280e-003
tblVehicleEF	LDA	4.0100e-004	3.9100e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7670e-003	5.5200e-003
tblVehicleEF	LDA	0.03	0.15
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.2080e-003	1.0540e-003

tblVehicleEF	LDA	1.5860e-003	0.02
tblVehicleEF	LDA	0.34	0.44
tblVehicleEF	LDA	0.51	1.54
tblVehicleEF	LDA	191.06	220.72
tblVehicleEF	LDA	39.45	43.51
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.5470e-003	3.4970e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.9120e-003	2.0060e-003
tblVehicleEF	LDA	4.0200e-004	3.9500e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.0650e-003	5.1000e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDT1	4.8040e-003	1.9860e-003
tblVehicleEF	LDT1	3.6300e-003	0.03

tblVehicleEF	LDT1	0.62	0.60
tblVehicleEF	LDT1	0.91	1.61
tblVehicleEF	LDT1	255.37	271.33
tblVehicleEF	LDT1	51.58	52.83
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.01	7.6070e-003
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	2.5590e-003	2.4650e-003
tblVehicleEF	LDT1	5.3100e-004	4.8000e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	5.0980e-003	2.1170e-003
tblVehicleEF	LDT1	3.2330e-003	0.03
tblVehicleEF	LDT1	0.68	0.65

tblVehicleEF	LDT1	0.77	1.38
tblVehicleEF	LDT1	266.74	281.43
tblVehicleEF	LDT1	51.58	52.39
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.01	8.0550e-003
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.04	0.11
tblVehicleEF	LDT1	2.6740e-003	2.5570e-003
tblVehicleEF	LDT1	5.2800e-004	4.7600e-004
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	4.7090e-003	1.9450e-003
tblVehicleEF	LDT1	3.7130e-003	0.03
tblVehicleEF	LDT1	0.60	0.58
tblVehicleEF	LDT1	0.93	1.66

tblVehicleEF	LDT1	251.20	267.60
tblVehicleEF	LDT1	51.58	52.93
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.01	7.4590e-003
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	2.5170e-003	2.4310e-003
tblVehicleEF	LDT1	5.3100e-004	4.8100e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT2	3.4270e-003	1.9090e-003
tblVehicleEF	LDT2	2.2070e-003	0.03
tblVehicleEF	LDT2	0.53	0.60
tblVehicleEF	LDT2	0.69	1.96
tblVehicleEF	LDT2	281.92	272.19

tblVehicleEF	LDT2	56.69	53.12
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.5230e-003	7.1120e-003
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.8220e-003	2.4740e-003
tblVehicleEF	LDT2	5.7800e-004	4.8300e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	3.6410e-003	2.0380e-003
tblVehicleEF	LDT2	1.9920e-003	0.03
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.60	1.68
tblVehicleEF	LDT2	294.56	281.38
tblVehicleEF	LDT2	56.69	52.59

tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.0530e-003	7.5260e-003
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.12
tblVehicleEF	LDT2	2.9490e-003	2.5570e-003
tblVehicleEF	LDT2	5.7600e-004	4.7800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	3.3570e-003	1.8690e-003
tblVehicleEF	LDT2	2.2530e-003	0.03
tblVehicleEF	LDT2	0.51	0.58
tblVehicleEF	LDT2	0.70	2.03
tblVehicleEF	LDT2	277.28	268.79
tblVehicleEF	LDT2	56.69	53.25
tblVehicleEF	LDT2	0.04	0.03

tblVehicleEF	LDT2	0.04	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.3500e-003	6.9760e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.7760e-003	2.4430e-003
tblVehicleEF	LDT2	5.7800e-004	4.8400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LHD1	3.2450e-003	3.7380e-003
tblVehicleEF	LHD1	2.8770e-003	1.9460e-003
tblVehicleEF	LHD1	6.8360e-003	6.8950e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.25	0.77
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84

tblVehicleEF	LHD1	23.20	9.03
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.47	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03

tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7460e-003
tblVehicleEF	LHD1	2.9060e-003	1.9640e-003
tblVehicleEF	LHD1	6.5820e-003	6.6630e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.19	0.74
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	8.97
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.14
tblVehicleEF	LHD1	0.45	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03

tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5300e-004	8.9000e-005
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7370e-003
tblVehicleEF	LHD1	2.8690e-003	1.9400e-003
tblVehicleEF	LHD1	6.8860e-003	6.9460e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.26	0.78
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.04
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.48	0.19
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003

tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD2	2.4390e-003	2.5250e-003
tblVehicleEF	LHD2	1.9310e-003	1.9850e-003
tblVehicleEF	LHD2	2.7180e-003	4.3850e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20

tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.50
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5300e-003
tblVehicleEF	LHD2	1.9420e-003	1.9950e-003
tblVehicleEF	LHD2	2.6710e-003	4.2380e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.81	0.46
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.47
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.20
tblVehicleEF	LHD2	0.23	0.11
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5240e-003
tblVehicleEF	LHD2	1.9280e-003	1.9820e-003
tblVehicleEF	LHD2	2.7280e-003	4.4170e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.51
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12

tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3400e-004	6.4000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.14	0.23

tblVehicleEF	MCY	17.87	17.90
tblVehicleEF	MCY	9.83	8.72
tblVehicleEF	MCY	192.71	224.98
tblVehicleEF	MCY	41.76	57.18
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	2.57	2.57
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	1.96	1.74
tblVehicleEF	MCY	2.2990e-003	2.2260e-003
tblVehicleEF	MCY	6.3600e-004	5.6600e-004
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	3.22	3.23
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	2.14	1.90
tblVehicleEF	MCY	0.55	0.37
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	17.28	17.29

tblVehicleEF	MCY	8.92	7.89
tblVehicleEF	MCY	192.71	223.83
tblVehicleEF	MCY	41.76	55.25
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	2.52	2.52
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.77	1.56
tblVehicleEF	MCY	2.2880e-003	2.2150e-003
tblVehicleEF	MCY	6.1500e-004	5.4700e-004
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	3.17	3.17
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.96	18.02
tblVehicleEF	MCY	10.00	8.89

tblVehicleEF	MCY	192.71	225.21
tblVehicleEF	MCY	41.76	57.57
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.3000e-003	2.2290e-003
tblVehicleEF	MCY	6.4000e-004	5.7000e-004
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	3.24	3.24
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.18	1.94
tblVehicleEF	MDV	5.2160e-003	2.0250e-003
tblVehicleEF	MDV	4.1990e-003	0.03
tblVehicleEF	MDV	0.67	0.60
tblVehicleEF	MDV	1.00	1.98
tblVehicleEF	MDV	378.68	331.57

tblVehicleEF	MDV	74.82	63.29
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.14
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.6990e-003
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7870e-003	3.0160e-003
tblVehicleEF	MDV	7.6400e-004	5.7500e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MDV	5.5400e-003	2.1620e-003
tblVehicleEF	MDV	3.7620e-003	0.03
tblVehicleEF	MDV	0.73	0.66
tblVehicleEF	MDV	0.87	1.69
tblVehicleEF	MDV	395.18	340.71
tblVehicleEF	MDV	74.82	62.75

tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.06	0.13
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.01	8.1430e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.05	0.13
tblVehicleEF	MDV	3.9520e-003	3.0990e-003
tblVehicleEF	MDV	7.6200e-004	5.7000e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.06	0.14
tblVehicleEF	MDV	5.1110e-003	1.9820e-003
tblVehicleEF	MDV	4.2910e-003	0.03
tblVehicleEF	MDV	0.64	0.58
tblVehicleEF	MDV	1.03	2.05
tblVehicleEF	MDV	372.61	328.19
tblVehicleEF	MDV	74.82	63.41
tblVehicleEF	MDV	0.06	0.03

tblVehicleEF	MDV	0.07	0.15
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.5520e-003
tblVehicleEF	MDV	0.08	0.31
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7260e-003	2.9850e-003
tblVehicleEF	MDV	7.6500e-004	5.7600e-004
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.32
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MH	4.9780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.28	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.62	2.47
tblVehicleEF	MH	0.55	0.00

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2400e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	5.0780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.28	0.17
tblVehicleEF	MH	3.09	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.57	2.33

tblVehicleEF	MH	0.52	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.02	0.05
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tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2100e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	4.9510e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.31	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00

tblVehicleEF	MH	0.60	2.42
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2500e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MHD	0.02	3.9670e-003
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tblVehicleEF	MHD	0.03	8.6760e-003
tblVehicleEF	MHD	0.34	0.38
tblVehicleEF	MHD	0.20	0.11

tblVehicleEF	MHD	3.16	0.84
tblVehicleEF	MHD	137.17	55.31
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.75
tblVehicleEF	MHD	0.35	0.28
tblVehicleEF	MHD	0.67	1.07
tblVehicleEF	MHD	10.47	1.66
tblVehicleEF	MHD	3.9000e-005	9.8000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.7000e-005	9.4000e-005
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
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tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.03	8.4860e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.3200e-003	5.2500e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2000e-004	8.7000e-005
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.3500e-004	2.7400e-004

tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.22	0.05
tblVehicleEF	MHD	0.02	3.7710e-003
tblVehicleEF	MHD	2.1040e-003	8.1200e-004
tblVehicleEF	MHD	0.03	8.3760e-003
tblVehicleEF	MHD	0.24	0.33
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.00	0.80
tblVehicleEF	MHD	145.29	54.96
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.68
tblVehicleEF	MHD	0.36	0.27
tblVehicleEF	MHD	0.63	1.01
tblVehicleEF	MHD	10.45	1.66
tblVehicleEF	MHD	3.3000e-005	8.6000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.1000e-005	8.2000e-005
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.03	8.5290e-003
tblVehicleEF	MHD	0.01	0.07

tblVehicleEF	MHD	0.20	0.04
tblVehicleEF	MHD	1.3970e-003	5.2200e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.1700e-004	8.6000e-005
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.22	0.04
tblVehicleEF	MHD	0.02	4.2500e-003
tblVehicleEF	MHD	2.0860e-003	7.9500e-004
tblVehicleEF	MHD	0.03	8.7240e-003
tblVehicleEF	MHD	0.47	0.46
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.19	0.85
tblVehicleEF	MHD	125.95	55.78
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.77
tblVehicleEF	MHD	0.33	0.30
tblVehicleEF	MHD	0.66	1.05
tblVehicleEF	MHD	10.47	1.67
tblVehicleEF	MHD	4.7000e-005	1.1600e-004
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	4.5000e-005	1.1100e-004

tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.2150e-003	5.3000e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2100e-004	8.7000e-005
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.23	0.05
tblVehicleEF	OBUS	0.01	7.9660e-003
tblVehicleEF	OBUS	3.2830e-003	1.9210e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.69
tblVehicleEF	OBUS	0.26	0.23
tblVehicleEF	OBUS	3.92	1.78
tblVehicleEF	OBUS	110.87	95.92
tblVehicleEF	OBUS	1,223.90	1,131.18

tblVehicleEF	OBUS	65.16	15.22
tblVehicleEF	OBUS	0.25	0.43
tblVehicleEF	OBUS	0.59	1.16
tblVehicleEF	OBUS	2.58	0.96
tblVehicleEF	OBUS	2.3000e-005	1.4600e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	2.2000e-005	1.4000e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.25	0.09
tblVehicleEF	OBUS	1.0690e-003	9.1100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.2000e-004	1.5100e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.28	0.10

tblVehicleEF	OBUS	0.01	8.0710e-003
tblVehicleEF	OBUS	3.3260e-003	1.9600e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.68
tblVehicleEF	OBUS	0.26	0.24
tblVehicleEF	OBUS	3.71	1.69
tblVehicleEF	OBUS	116.51	94.78
tblVehicleEF	OBUS	1,223.90	1,131.19
tblVehicleEF	OBUS	65.16	15.05
tblVehicleEF	OBUS	0.26	0.41
tblVehicleEF	OBUS	0.56	1.09
tblVehicleEF	OBUS	2.55	0.95
tblVehicleEF	OBUS	1.9000e-005	1.3000e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	1.8000e-005	1.2400e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	2.0040e-003	2.2690e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.24	0.08
tblVehicleEF	OBUS	1.1230e-003	9.0000e-004
tblVehicleEF	OBUS	0.01	0.01

tblVehicleEF	OBUS	7.1700e-004	1.4900e-004
tblVehicleEF	OBUS	2.0040e-003	2.2690e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	OBUS	0.01	7.8420e-003
tblVehicleEF	OBUS	3.2720e-003	1.9110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.26	0.70
tblVehicleEF	OBUS	0.26	0.23
tblVehicleEF	OBUS	3.97	1.80
tblVehicleEF	OBUS	103.08	97.50
tblVehicleEF	OBUS	1,223.90	1,131.18
tblVehicleEF	OBUS	65.16	15.25
tblVehicleEF	OBUS	0.24	0.46
tblVehicleEF	OBUS	0.58	1.14
tblVehicleEF	OBUS	2.59	0.96
tblVehicleEF	OBUS	2.7000e-005	1.6900e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	2.6000e-005	1.6100e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3430e-003	1.5590e-003

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5700e-004	8.4700e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.26	0.09
tblVehicleEF	OBUS	9.9500e-004	9.2600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.2100e-004	1.5100e-004
tblVehicleEF	OBUS	1.3430e-003	1.5590e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.5700e-004	8.4700e-004
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.28	0.10
tblVehicleEF	SBUS	0.82	0.11
tblVehicleEF	SBUS	4.3120e-003	2.8540e-003
tblVehicleEF	SBUS	0.05	9.1770e-003
tblVehicleEF	SBUS	9.54	4.44
tblVehicleEF	SBUS	0.29	0.26
tblVehicleEF	SBUS	6.45	1.18
tblVehicleEF	SBUS	974.03	332.23
tblVehicleEF	SBUS	1,003.97	926.50
tblVehicleEF	SBUS	66.19	7.58
tblVehicleEF	SBUS	3.00	1.75
tblVehicleEF	SBUS	1.24	1.84

tblVehicleEF	SBUS	9.86	1.52
tblVehicleEF	SBUS	9.3400e-004	9.3500e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	4.5390e-003	1.6490e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	2.7150e-003	9.9700e-004
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.36	0.05
tblVehicleEF	SBUS	9.6310e-003	3.1860e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7400e-004	7.5000e-005
tblVehicleEF	SBUS	4.5390e-003	1.6490e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.65	0.73
tblVehicleEF	SBUS	2.7150e-003	9.9700e-004
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.40	0.06
tblVehicleEF	SBUS	0.82	0.11
tblVehicleEF	SBUS	4.3630e-003	2.8900e-003

tblVehicleEF	SBUS	0.04	8.1910e-003
tblVehicleEF	SBUS	9.50	4.42
tblVehicleEF	SBUS	0.30	0.26
tblVehicleEF	SBUS	5.24	0.96
tblVehicleEF	SBUS	1,012.50	332.77
tblVehicleEF	SBUS	1,003.97	926.51
tblVehicleEF	SBUS	66.19	7.21
tblVehicleEF	SBUS	3.09	1.73
tblVehicleEF	SBUS	1.17	1.74
tblVehicleEF	SBUS	9.84	1.52
tblVehicleEF	SBUS	7.8800e-004	7.9900e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	7.5400e-004	7.6400e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	6.6280e-003	2.3800e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.32	0.05
tblVehicleEF	SBUS	9.9980e-003	3.1920e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003

tblVehicleEF	SBUS	7.5400e-004	7.1000e-005
tblVehicleEF	SBUS	6.6280e-003	2.3800e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.65	0.73
tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.35	0.05
tblVehicleEF	SBUS	0.82	0.11
tblVehicleEF	SBUS	4.2970e-003	2.8440e-003
tblVehicleEF	SBUS	0.05	9.4030e-003
tblVehicleEF	SBUS	9.61	4.46
tblVehicleEF	SBUS	0.29	0.26
tblVehicleEF	SBUS	6.67	1.22
tblVehicleEF	SBUS	920.90	331.47
tblVehicleEF	SBUS	1,003.97	926.50
tblVehicleEF	SBUS	66.19	7.65
tblVehicleEF	SBUS	2.87	1.77
tblVehicleEF	SBUS	1.22	1.81
tblVehicleEF	SBUS	9.87	1.52
tblVehicleEF	SBUS	1.1370e-003	1.1220e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	1.0880e-003	1.0730e-003
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003

tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.37	0.05
tblVehicleEF	SBUS	9.1250e-003	3.1790e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7800e-004	7.6000e-005
tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.66	0.73
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.41	0.06
tblVehicleEF	UBUS	1.38	4.0800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.87	0.03
tblVehicleEF	UBUS	7.97	0.71
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.44
tblVehicleEF	UBUS	2.69	0.02
tblVehicleEF	UBUS	12.78	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003

tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	0.21	1.3700e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.71	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4690e-003	7.4000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	1.62	1.9990e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.78	0.05
tblVehicleEF	UBUS	1.38	4.1800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.88	0.03
tblVehicleEF	UBUS	7.00	0.63
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.30

tblVehicleEF	UBUS	2.53	0.02
tblVehicleEF	UBUS	12.72	0.08
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	0.21	1.3980e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	8.2440e-003	1.1850e-003
tblVehicleEF	UBUS	1.4510e-003	7.2000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	1.62	2.0400e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	1.38	4.0500e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.86	0.03

tblVehicleEF	UBUS	8.16	0.73
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.47
tblVehicleEF	UBUS	2.64	0.02
tblVehicleEF	UBUS	12.79	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	0.21	1.3630e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.73	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4720e-003	7.4000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	1.62	1.9890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.80	0.06

tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	16.30	100.00

tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	11.75
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29
tblVehicleTrips	WD_TR	6.65	2.99

tblVehicleTrips	WD_TR	11.03	6.57
tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	41,047,036.14	53,374,393.80
tblWater	IndoorWaterUseRate	3,385,827.90	3,227,880.01
tblWater	IndoorWaterUseRate	138,986.39	398,189.92
tblWater	IndoorWaterUseRate	433,324.25	991,238.74
tblWater	OutdoorWaterUseRate	25,877,479.31	0.00
tblWater	OutdoorWaterUseRate	2,075,184.84	0.00
tblWater	OutdoorWaterUseRate	85,185.21	0.00
tblWater	OutdoorWaterUseRate	265,585.83	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	31.50	0.00
tblWoodstoves	NumberNoncatalytic	31.50	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.4952	5.7187	44.1086	0.1537	19.9088	0.0886	19.9975	5.3035	0.0825	5.3860		16,830.1688	16,830.1688	0.3968		16,840.0881
Unmitigated	3.4952	5.7187	44.1086	0.1537	19.9088	0.0886	19.9975	5.3035	0.0825	5.3860		16,830.1688	16,830.1688	0.3968		16,840.0881

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,883.70	1,883.70	1883.70	8,056,585	8,056,585
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	125.16	28.38	8.95	405,173	405,173
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	30.48	9.64	14.38	107,789	107,789
Regional Shopping Center	139.11	170.00	77.75	576,364	576,364
Total	2,178.45	2,091.72	1,984.78	9,145,911	9,145,911

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	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	11.75	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	11.75	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	11.75	0.00	0.00	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0
Regional Shopping Center	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474
Enclosed Parking with Elevator	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
General Office Building	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Non-Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Recreational Swimming Pool	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Regional Shopping Center	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.2048	1.7552	0.7797	0.0112		0.1415	0.1415		0.1415	0.1415		2,234.6469	2,234.6469	0.0428	0.0410	2,247.9263
NaturalGas Unmitigated	0.2048	1.7552	0.7797	0.0112		0.1415	0.1415		0.1415	0.1415		2,234.6469	2,234.6469	0.0428	0.0410	2,247.9263

5.2 Energy by Land Use - Natural Gas
Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	18188.6	0.1962	1.6762	0.7133	0.0107		0.1355	0.1355		0.1355	0.1355		2,139.8333	2,139.8333	0.0410	0.0392	2,152.5493
Enclosed Parking with Elevator	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
General Office Building	649.266	7.0000e-003	0.0637	0.0535	3.8000e-004		4.8400e-003	4.8400e-003		4.8400e-003	4.8400e-003		76.3842	76.3842	1.4600e-003	1.4000e-003	76.8381
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	127.479	1.3700e-003	0.0125	0.0105	7.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		14.9976	14.9976	2.9000e-004	2.7000e-004	15.0867
Regional Shopping Center	29.1699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2048	1.7552	0.7797	0.0112		0.1415	0.1415		0.1415	0.1415		2,234.6469	2,234.6469	0.0428	0.0410	2,247.9263

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	18.1886	0.1962	1.6762	0.7133	0.0107		0.1355	0.1355		0.1355	0.1355		2,139.8333	2,139.8333	0.0410	0.0392	2,152.5493
Enclosed Parking with Elevator	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
General Office Building	0.649266	7.0000e-003	0.0637	0.0535	3.8000e-004		4.8400e-003	4.8400e-003		4.8400e-003	4.8400e-003		76.3842	76.3842	1.4600e-003	1.4000e-003	76.8381
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	0.127479	1.3700e-003	0.0125	0.0105	7.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		14.9976	14.9976	2.9000e-004	2.7000e-004	15.0867
Regional Shopping Center	0.0291699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2048	1.7552	0.7797	0.0112		0.1415	0.1415		0.1415	0.1415		2,234.6469	2,234.6469	0.0428	0.0410	2,247.9263

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.6128	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884	0.0000	93.6750	93.6750	0.0894	0.0000	95.9097
Unmitigated	12.6128	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884	0.0000	93.6750	93.6750	0.0894	0.0000	95.9097

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	0.9063					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.1523					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	1.5542	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884		93.6750	93.6750	0.0894		95.9097
Total	12.6128	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884	0.0000	93.6750	93.6750	0.0894	0.0000	95.9097

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	0.9063					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.1523					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	1.5542	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884		93.6750	93.6750	0.0894		95.9097
Total	12.6128	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884	0.0000	93.6750	93.6750	0.0894	0.0000	95.9097

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

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

Existing Remaining - Los Angeles-South Coast County, Winter

Existing Remaining
Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	19.05	1000sqft	0.44	19,050.00	0
Enclosed Parking with Elevator	365.00	Space	3.35	146,000.00	0
Other Asphalt Surfaces	1.41	Acre	1.41	61,487.00	0
Other Non-Asphalt Surfaces	4.03	Acre	4.03	0.00	0
Recreational Swimming Pool	2.35	1000sqft	0.05	2,350.00	0
Apartments Mid Rise	630.00	Dwelling Unit	3.21	481,780.00	1802
Regional Shopping Center	5.85	1000sqft	0.13	5,850.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2033
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	326.05	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - Utilizes energy rates for a health club.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	12449	8760
tblConstructionPhase	NumDays	20.00	30.00
tblEnergyUse	LightingElect	0.00	3.85
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	0.00	2.94
tblEnergyUse	T24NG	0.00	15.35
tblFireplaces	NumberGas	535.50	0.00
tblFireplaces	NumberNoFireplace	63.00	630.00
tblFireplaces	NumberWood	31.50	0.00
tblFleetMix	HHD	0.04	0.01
tblFleetMix	LDA	0.54	0.56
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.22

tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	6.4170e-003	3.7680e-003
tblFleetMix	MCY	5.3130e-003	5.5400e-003
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	8.0700e-004	4.7400e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.6760e-003	1.5710e-003
tblFleetMix	SBUS	7.2800e-004	4.2700e-004
tblFleetMix	UBUS	1.6620e-003	9.7600e-004
tblLandUse	LandUseSquareFeet	61,506.72	61,487.00
tblLandUse	LandUseSquareFeet	175,546.80	0.00
tblLandUse	LandUseSquareFeet	630,000.00	481,780.00
tblLandUse	LotAcreage	3.28	3.35
tblLandUse	LotAcreage	16.58	3.21
tblProjectCharacteristics	CO2IntensityFactor	702.44	326.05
tblSolidWaste	SolidWasteGenerationRate	289.80	459.90
tblSolidWaste	SolidWasteGenerationRate	17.72	208.60
tblSolidWaste	SolidWasteGenerationRate	13.40	25.73
tblSolidWaste	SolidWasteGenerationRate	6.14	64.06
tblVehicleEF	HHD	0.36	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.45	6.76
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.73	8.4500e-003
tblVehicleEF	HHD	4,163.50	953.50
tblVehicleEF	HHD	1,518.98	1,155.06

tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.30	5.54
tblVehicleEF	HHD	1.81	2.48
tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.0470e-003	2.2320e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.9150e-003	2.1350e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.37	0.45
tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.8060e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.44	0.52

tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.34	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.05	6.67
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.54	8.0260e-003
tblVehicleEF	HHD	4,410.86	941.68
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.70	5.27
tblVehicleEF	HHD	1.71	2.35
tblVehicleEF	HHD	19.27	2.34
tblVehicleEF	HHD	2.5680e-003	1.9700e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.4570e-003	1.8850e-003
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tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006

tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.35	0.48
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.6960e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7300e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.41	0.55
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.39	0.02
tblVehicleEF	HHD	0.10	9.4100e-004
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tblVehicleEF	HHD	2.00	6.74
tblVehicleEF	HHD	1.11	0.25
tblVehicleEF	HHD	3.77	8.5340e-003
tblVehicleEF	HHD	3,821.91	948.21
tblVehicleEF	HHD	1,518.98	1,096.02
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	11.75	5.77
tblVehicleEF	HHD	1.78	2.42

tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.7070e-003	2.4810e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	3.5470e-003	2.3740e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.7200e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.40	0.41
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.03	8.9580e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.47	0.47
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004

tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	LDA	2.2560e-003	1.0780e-003
tblVehicleEF	LDA	1.5510e-003	0.02
tblVehicleEF	LDA	0.36	0.45
tblVehicleEF	LDA	0.50	1.49
tblVehicleEF	LDA	194.38	224.34
tblVehicleEF	LDA	39.45	43.42
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.6650e-003	3.5690e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	1.9450e-003	2.0390e-003
tblVehicleEF	LDA	4.0200e-004	3.9400e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.2360e-003	5.2040e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.10

tblVehicleEF	LDA	2.4030e-003	1.1550e-003
tblVehicleEF	LDA	1.3830e-003	0.02
tblVehicleEF	LDA	0.39	0.50
tblVehicleEF	LDA	0.42	1.28
tblVehicleEF	LDA	203.46	234.14
tblVehicleEF	LDA	39.45	43.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	6.0290e-003	3.7840e-003
tblVehicleEF	LDA	0.03	0.14
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.0360e-003	2.1280e-003
tblVehicleEF	LDA	4.0100e-004	3.9100e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7670e-003	5.5200e-003
tblVehicleEF	LDA	0.03	0.15
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.2080e-003	1.0540e-003

tblVehicleEF	LDA	1.5860e-003	0.02
tblVehicleEF	LDA	0.34	0.44
tblVehicleEF	LDA	0.51	1.54
tblVehicleEF	LDA	191.06	220.72
tblVehicleEF	LDA	39.45	43.51
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.5470e-003	3.4970e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.9120e-003	2.0060e-003
tblVehicleEF	LDA	4.0200e-004	3.9500e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.0650e-003	5.1000e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDT1	4.8040e-003	1.9860e-003
tblVehicleEF	LDT1	3.6300e-003	0.03

tblVehicleEF	LDT1	0.62	0.60
tblVehicleEF	LDT1	0.91	1.61
tblVehicleEF	LDT1	255.37	271.33
tblVehicleEF	LDT1	51.58	52.83
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.01	7.6070e-003
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	2.5590e-003	2.4650e-003
tblVehicleEF	LDT1	5.3100e-004	4.8000e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	5.0980e-003	2.1170e-003
tblVehicleEF	LDT1	3.2330e-003	0.03
tblVehicleEF	LDT1	0.68	0.65

tblVehicleEF	LDT1	0.77	1.38
tblVehicleEF	LDT1	266.74	281.43
tblVehicleEF	LDT1	51.58	52.39
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.01	8.0550e-003
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.04	0.11
tblVehicleEF	LDT1	2.6740e-003	2.5570e-003
tblVehicleEF	LDT1	5.2800e-004	4.7600e-004
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	4.7090e-003	1.9450e-003
tblVehicleEF	LDT1	3.7130e-003	0.03
tblVehicleEF	LDT1	0.60	0.58
tblVehicleEF	LDT1	0.93	1.66

tblVehicleEF	LDT1	251.20	267.60
tblVehicleEF	LDT1	51.58	52.93
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.01	7.4590e-003
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	2.5170e-003	2.4310e-003
tblVehicleEF	LDT1	5.3100e-004	4.8100e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT2	3.4270e-003	1.9090e-003
tblVehicleEF	LDT2	2.2070e-003	0.03
tblVehicleEF	LDT2	0.53	0.60
tblVehicleEF	LDT2	0.69	1.96
tblVehicleEF	LDT2	281.92	272.19

tblVehicleEF	LDT2	56.69	53.12
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.5230e-003	7.1120e-003
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.8220e-003	2.4740e-003
tblVehicleEF	LDT2	5.7800e-004	4.8300e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	3.6410e-003	2.0380e-003
tblVehicleEF	LDT2	1.9920e-003	0.03
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.60	1.68
tblVehicleEF	LDT2	294.56	281.38
tblVehicleEF	LDT2	56.69	52.59

tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.0530e-003	7.5260e-003
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.12
tblVehicleEF	LDT2	2.9490e-003	2.5570e-003
tblVehicleEF	LDT2	5.7600e-004	4.7800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	3.3570e-003	1.8690e-003
tblVehicleEF	LDT2	2.2530e-003	0.03
tblVehicleEF	LDT2	0.51	0.58
tblVehicleEF	LDT2	0.70	2.03
tblVehicleEF	LDT2	277.28	268.79
tblVehicleEF	LDT2	56.69	53.25
tblVehicleEF	LDT2	0.04	0.03

tblVehicleEF	LDT2	0.04	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.3500e-003	6.9760e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.7760e-003	2.4430e-003
tblVehicleEF	LDT2	5.7800e-004	4.8400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LHD1	3.2450e-003	3.7380e-003
tblVehicleEF	LHD1	2.8770e-003	1.9460e-003
tblVehicleEF	LHD1	6.8360e-003	6.8950e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.25	0.77
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84

tblVehicleEF	LHD1	23.20	9.03
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.47	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03

tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7460e-003
tblVehicleEF	LHD1	2.9060e-003	1.9640e-003
tblVehicleEF	LHD1	6.5820e-003	6.6630e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.19	0.74
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	8.97
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.14
tblVehicleEF	LHD1	0.45	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03

tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5300e-004	8.9000e-005
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7370e-003
tblVehicleEF	LHD1	2.8690e-003	1.9400e-003
tblVehicleEF	LHD1	6.8860e-003	6.9460e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.26	0.78
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.04
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.48	0.19
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003

tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD2	2.4390e-003	2.5250e-003
tblVehicleEF	LHD2	1.9310e-003	1.9850e-003
tblVehicleEF	LHD2	2.7180e-003	4.3850e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20

tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.50
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5300e-003
tblVehicleEF	LHD2	1.9420e-003	1.9950e-003
tblVehicleEF	LHD2	2.6710e-003	4.2380e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.81	0.46
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.47
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.20
tblVehicleEF	LHD2	0.23	0.11
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5240e-003
tblVehicleEF	LHD2	1.9280e-003	1.9820e-003
tblVehicleEF	LHD2	2.7280e-003	4.4170e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.51
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12

tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3400e-004	6.4000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.14	0.23

tblVehicleEF	MCY	17.87	17.90
tblVehicleEF	MCY	9.83	8.72
tblVehicleEF	MCY	192.71	224.98
tblVehicleEF	MCY	41.76	57.18
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	2.57	2.57
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	1.96	1.74
tblVehicleEF	MCY	2.2990e-003	2.2260e-003
tblVehicleEF	MCY	6.3600e-004	5.6600e-004
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	3.22	3.23
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	2.14	1.90
tblVehicleEF	MCY	0.55	0.37
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	17.28	17.29

tblVehicleEF	MCY	8.92	7.89
tblVehicleEF	MCY	192.71	223.83
tblVehicleEF	MCY	41.76	55.25
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	2.52	2.52
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.77	1.56
tblVehicleEF	MCY	2.2880e-003	2.2150e-003
tblVehicleEF	MCY	6.1500e-004	5.4700e-004
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	3.17	3.17
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.96	18.02
tblVehicleEF	MCY	10.00	8.89

tblVehicleEF	MCY	192.71	225.21
tblVehicleEF	MCY	41.76	57.57
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.3000e-003	2.2290e-003
tblVehicleEF	MCY	6.4000e-004	5.7000e-004
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	3.24	3.24
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.18	1.94
tblVehicleEF	MDV	5.2160e-003	2.0250e-003
tblVehicleEF	MDV	4.1990e-003	0.03
tblVehicleEF	MDV	0.67	0.60
tblVehicleEF	MDV	1.00	1.98
tblVehicleEF	MDV	378.68	331.57

tblVehicleEF	MDV	74.82	63.29
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.14
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.6990e-003
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7870e-003	3.0160e-003
tblVehicleEF	MDV	7.6400e-004	5.7500e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MDV	5.5400e-003	2.1620e-003
tblVehicleEF	MDV	3.7620e-003	0.03
tblVehicleEF	MDV	0.73	0.66
tblVehicleEF	MDV	0.87	1.69
tblVehicleEF	MDV	395.18	340.71
tblVehicleEF	MDV	74.82	62.75

tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.06	0.13
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.01	8.1430e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.05	0.13
tblVehicleEF	MDV	3.9520e-003	3.0990e-003
tblVehicleEF	MDV	7.6200e-004	5.7000e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.06	0.14
tblVehicleEF	MDV	5.1110e-003	1.9820e-003
tblVehicleEF	MDV	4.2910e-003	0.03
tblVehicleEF	MDV	0.64	0.58
tblVehicleEF	MDV	1.03	2.05
tblVehicleEF	MDV	372.61	328.19
tblVehicleEF	MDV	74.82	63.41
tblVehicleEF	MDV	0.06	0.03

tblVehicleEF	MDV	0.07	0.15
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.5520e-003
tblVehicleEF	MDV	0.08	0.31
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7260e-003	2.9850e-003
tblVehicleEF	MDV	7.6500e-004	5.7600e-004
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.32
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MH	4.9780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.28	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.62	2.47
tblVehicleEF	MH	0.55	0.00

tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2400e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	5.0780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.28	0.17
tblVehicleEF	MH	3.09	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.57	2.33

tblVehicleEF	MH	0.52	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2100e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	4.9510e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.31	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00

tblVehicleEF	MH	0.60	2.42
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2500e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MHD	0.02	3.9670e-003
tblVehicleEF	MHD	2.0900e-003	7.9900e-004
tblVehicleEF	MHD	0.03	8.6760e-003
tblVehicleEF	MHD	0.34	0.38
tblVehicleEF	MHD	0.20	0.11

tblVehicleEF	MHD	3.16	0.84
tblVehicleEF	MHD	137.17	55.31
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.75
tblVehicleEF	MHD	0.35	0.28
tblVehicleEF	MHD	0.67	1.07
tblVehicleEF	MHD	10.47	1.66
tblVehicleEF	MHD	3.9000e-005	9.8000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.7000e-005	9.4000e-005
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.03	8.4860e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.3200e-003	5.2500e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2000e-004	8.7000e-005
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.3500e-004	2.7400e-004

tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.22	0.05
tblVehicleEF	MHD	0.02	3.7710e-003
tblVehicleEF	MHD	2.1040e-003	8.1200e-004
tblVehicleEF	MHD	0.03	8.3760e-003
tblVehicleEF	MHD	0.24	0.33
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.00	0.80
tblVehicleEF	MHD	145.29	54.96
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.68
tblVehicleEF	MHD	0.36	0.27
tblVehicleEF	MHD	0.63	1.01
tblVehicleEF	MHD	10.45	1.66
tblVehicleEF	MHD	3.3000e-005	8.6000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.1000e-005	8.2000e-005
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.03	8.5290e-003
tblVehicleEF	MHD	0.01	0.07

tblVehicleEF	MHD	0.20	0.04
tblVehicleEF	MHD	1.3970e-003	5.2200e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.1700e-004	8.6000e-005
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.22	0.04
tblVehicleEF	MHD	0.02	4.2500e-003
tblVehicleEF	MHD	2.0860e-003	7.9500e-004
tblVehicleEF	MHD	0.03	8.7240e-003
tblVehicleEF	MHD	0.47	0.46
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.19	0.85
tblVehicleEF	MHD	125.95	55.78
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.77
tblVehicleEF	MHD	0.33	0.30
tblVehicleEF	MHD	0.66	1.05
tblVehicleEF	MHD	10.47	1.67
tblVehicleEF	MHD	4.7000e-005	1.1600e-004
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	4.5000e-005	1.1100e-004

tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.2150e-003	5.3000e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2100e-004	8.7000e-005
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.23	0.05
tblVehicleEF	OBUS	0.01	7.9660e-003
tblVehicleEF	OBUS	3.2830e-003	1.9210e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.69
tblVehicleEF	OBUS	0.26	0.23
tblVehicleEF	OBUS	3.92	1.78
tblVehicleEF	OBUS	110.87	95.92
tblVehicleEF	OBUS	1,223.90	1,131.18

tblVehicleEF	OBUS	65.16	15.22
tblVehicleEF	OBUS	0.25	0.43
tblVehicleEF	OBUS	0.59	1.16
tblVehicleEF	OBUS	2.58	0.96
tblVehicleEF	OBUS	2.3000e-005	1.4600e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	2.2000e-005	1.4000e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.25	0.09
tblVehicleEF	OBUS	1.0690e-003	9.1100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.2000e-004	1.5100e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.28	0.10

tblVehicleEF	OBUS	0.01	8.0710e-003
tblVehicleEF	OBUS	3.3260e-003	1.9600e-003
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tblVehicleEF	OBUS	0.24	0.68
tblVehicleEF	OBUS	0.26	0.24
tblVehicleEF	OBUS	3.71	1.69
tblVehicleEF	OBUS	116.51	94.78
tblVehicleEF	OBUS	1,223.90	1,131.19
tblVehicleEF	OBUS	65.16	15.05
tblVehicleEF	OBUS	0.26	0.41
tblVehicleEF	OBUS	0.56	1.09
tblVehicleEF	OBUS	2.55	0.95
tblVehicleEF	OBUS	1.9000e-005	1.3000e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	1.8000e-005	1.2400e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	2.0040e-003	2.2690e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.24	0.08
tblVehicleEF	OBUS	1.1230e-003	9.0000e-004
tblVehicleEF	OBUS	0.01	0.01

tblVehicleEF	OBUS	7.1700e-004	1.4900e-004
tblVehicleEF	OBUS	2.0040e-003	2.2690e-003
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tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	OBUS	0.01	7.8420e-003
tblVehicleEF	OBUS	3.2720e-003	1.9110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.26	0.70
tblVehicleEF	OBUS	0.26	0.23
tblVehicleEF	OBUS	3.97	1.80
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tblVehicleEF	OBUS	1,223.90	1,131.18
tblVehicleEF	OBUS	65.16	15.25
tblVehicleEF	OBUS	0.24	0.46
tblVehicleEF	OBUS	0.58	1.14
tblVehicleEF	OBUS	2.59	0.96
tblVehicleEF	OBUS	2.7000e-005	1.6900e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
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tblVehicleEF	OBUS	1.3430e-003	1.5590e-003

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5700e-004	8.4700e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.26	0.09
tblVehicleEF	OBUS	9.9500e-004	9.2600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.2100e-004	1.5100e-004
tblVehicleEF	OBUS	1.3430e-003	1.5590e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.5700e-004	8.4700e-004
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.28	0.10
tblVehicleEF	SBUS	0.82	0.11
tblVehicleEF	SBUS	4.3120e-003	2.8540e-003
tblVehicleEF	SBUS	0.05	9.1770e-003
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tblVehicleEF	SBUS	1.24	1.84

tblVehicleEF	SBUS	9.86	1.52
tblVehicleEF	SBUS	9.3400e-004	9.3500e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	4.5390e-003	1.6490e-003
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tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	2.7150e-003	9.9700e-004
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tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.36	0.05
tblVehicleEF	SBUS	9.6310e-003	3.1860e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7400e-004	7.5000e-005
tblVehicleEF	SBUS	4.5390e-003	1.6490e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.65	0.73
tblVehicleEF	SBUS	2.7150e-003	9.9700e-004
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.40	0.06
tblVehicleEF	SBUS	0.82	0.11
tblVehicleEF	SBUS	4.3630e-003	2.8900e-003

tblVehicleEF	SBUS	0.04	8.1910e-003
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tblVehicleEF	SBUS	1,012.50	332.77
tblVehicleEF	SBUS	1,003.97	926.51
tblVehicleEF	SBUS	66.19	7.21
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tblVehicleEF	SBUS	1.17	1.74
tblVehicleEF	SBUS	9.84	1.52
tblVehicleEF	SBUS	7.8800e-004	7.9900e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	7.5400e-004	7.6400e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	6.6280e-003	2.3800e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.32	0.05
tblVehicleEF	SBUS	9.9980e-003	3.1920e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003

tblVehicleEF	SBUS	7.5400e-004	7.1000e-005
tblVehicleEF	SBUS	6.6280e-003	2.3800e-003
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tblVehicleEF	SBUS	1.65	0.73
tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.35	0.05
tblVehicleEF	SBUS	0.82	0.11
tblVehicleEF	SBUS	4.2970e-003	2.8440e-003
tblVehicleEF	SBUS	0.05	9.4030e-003
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tblVehicleEF	SBUS	66.19	7.65
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tblVehicleEF	SBUS	9.87	1.52
tblVehicleEF	SBUS	1.1370e-003	1.1220e-003
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tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	1.0880e-003	1.0730e-003
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
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tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
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tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
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tblVehicleEF	SBUS	1.66	0.73
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
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tblVehicleEF	UBUS	1.38	4.0800e-004
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tblVehicleEF	UBUS	1,763.48	119.79
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tblVehicleEF	UBUS	2.69	0.02
tblVehicleEF	UBUS	12.78	0.09
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tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	0.21	1.3700e-003
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tblVehicleEF	UBUS	0.71	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4690e-003	7.4000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	1.62	1.9990e-003
tblVehicleEF	UBUS	0.02	0.05
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tblVehicleEF	UBUS	1.38	4.1800e-004
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tblVehicleEF	UBUS	7.00	0.63
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tblVehicleEF	UBUS	132.22	7.30

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tblVehicleEF	UBUS	12.72	0.08
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
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tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	0.21	1.3980e-003
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tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	8.2440e-003	1.1850e-003
tblVehicleEF	UBUS	1.4510e-003	7.2000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
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tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	1.62	2.0400e-003
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tblVehicleEF	UBUS	0.72	0.05
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tblVehicleEF	UBUS	0.05	0.01
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tblVehicleEF	UBUS	0.01	7.9200e-004
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tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	0.21	1.3630e-003
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tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
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tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	1.62	1.9890e-003
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tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
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tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
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tblVehicleTrips	CNW_TL	6.90	0.00
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tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
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tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	16.30	100.00

tblVehicleTrips	DV_TP	11.00	0.00
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tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	11.75
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
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tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
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tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
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tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29
tblVehicleTrips	WD_TR	6.65	2.99

tblVehicleTrips	WD_TR	11.03	6.57
tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	41,047,036.14	53,374,393.80
tblWater	IndoorWaterUseRate	3,385,827.90	3,227,880.01
tblWater	IndoorWaterUseRate	138,986.39	398,189.92
tblWater	IndoorWaterUseRate	433,324.25	991,238.74
tblWater	OutdoorWaterUseRate	25,877,479.31	0.00
tblWater	OutdoorWaterUseRate	2,075,184.84	0.00
tblWater	OutdoorWaterUseRate	85,185.21	0.00
tblWater	OutdoorWaterUseRate	265,585.83	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	31.50	0.00
tblWoodstoves	NumberNoncatalytic	31.50	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.6093	6.0657	41.8553	0.1473	19.9073	0.0886	19.9959	5.3029	0.0825	5.3854		16,077.21 61	16,077.216 1	0.3381		16,085.66 87
Unmitigated	3.6093	6.0657	41.8553	0.1473	19.9073	0.0886	19.9959	5.3029	0.0825	5.3854		16,077.21 61	16,077.216 1	0.3381		16,085.66 87

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,883.70	1,883.70	1883.70	8,056,585	8,056,585
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	125.16	28.38	8.95	405,173	405,173
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	30.48	9.64	14.38	107,789	107,789
Regional Shopping Center	139.11	170.00	77.75	576,364	576,364
Total	2,178.45	2,091.72	1,984.78	9,145,911	9,145,911

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	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	11.75	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	11.75	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	11.75	0.00	0.00	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0
Regional Shopping Center	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474
Enclosed Parking with Elevator	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
General Office Building	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Non-Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Recreational Swimming Pool	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Regional Shopping Center	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.2048	1.7552	0.7797	0.0112		0.1415	0.1415		0.1415	0.1415		2,234.6469	2,234.6469	0.0428	0.0410	2,247.9263
NaturalGas Unmitigated	0.2048	1.7552	0.7797	0.0112		0.1415	0.1415		0.1415	0.1415		2,234.6469	2,234.6469	0.0428	0.0410	2,247.9263

5.2 Energy by Land Use - Natural Gas
Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	18188.6	0.1962	1.6762	0.7133	0.0107		0.1355	0.1355		0.1355	0.1355		2,139.8333	2,139.8333	0.0410	0.0392	2,152.5493
Enclosed Parking with Elevator	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
General Office Building	649.266	7.0000e-003	0.0637	0.0535	3.8000e-004		4.8400e-003	4.8400e-003		4.8400e-003	4.8400e-003		76.3842	76.3842	1.4600e-003	1.4000e-003	76.8381
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	127.479	1.3700e-003	0.0125	0.0105	7.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		14.9976	14.9976	2.9000e-004	2.7000e-004	15.0867
Regional Shopping Center	29.1699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2048	1.7552	0.7797	0.0112		0.1415	0.1415		0.1415	0.1415		2,234.6469	2,234.6469	0.0428	0.0410	2,247.9263

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	18.1886	0.1962	1.6762	0.7133	0.0107		0.1355	0.1355		0.1355	0.1355		2,139.8333	2,139.8333	0.0410	0.0392	2,152.5493
Enclosed Parking with Elevator	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
General Office Building	0.649266	7.0000e-003	0.0637	0.0535	3.8000e-004		4.8400e-003	4.8400e-003		4.8400e-003	4.8400e-003		76.3842	76.3842	1.4600e-003	1.4000e-003	76.8381
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	0.127479	1.3700e-003	0.0125	0.0105	7.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004		14.9976	14.9976	2.9000e-004	2.7000e-004	15.0867
Regional Shopping Center	0.0291699	3.1000e-004	2.8600e-003	2.4000e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.4318	3.4318	7.0000e-005	6.0000e-005	3.4521
Total		0.2048	1.7552	0.7797	0.0112		0.1415	0.1415		0.1415	0.1415		2,234.6469	2,234.6469	0.0428	0.0410	2,247.9263

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	12.6128	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884	0.0000	93.6750	93.6750	0.0894	0.0000	95.9097
Unmitigated	12.6128	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884	0.0000	93.6750	93.6750	0.0894	0.0000	95.9097

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	0.9063					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.1523					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	1.5542	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884		93.6750	93.6750	0.0894		95.9097
Total	12.6128	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884	0.0000	93.6750	93.6750	0.0894	0.0000	95.9097

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	0.9063					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.1523					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	1.5542	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884		93.6750	93.6750	0.0894		95.9097
Total	12.6128	0.5980	51.8788	2.7500e-003		0.2884	0.2884		0.2884	0.2884	0.0000	93.6750	93.6750	0.0894	0.0000	95.9097

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

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

Existing Remaining - Los Angeles-South Coast County, Annual

Existing Remaining
Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	19.05	1000sqft	0.44	19,050.00	0
Enclosed Parking with Elevator	365.00	Space	3.35	146,000.00	0
Other Asphalt Surfaces	1.41	Acre	1.41	61,487.00	0
Other Non-Asphalt Surfaces	4.03	Acre	4.03	0.00	0
Recreational Swimming Pool	2.35	1000sqft	0.05	2,350.00	0
Apartments Mid Rise	630.00	Dwelling Unit	3.21	481,780.00	1802
Regional Shopping Center	5.85	1000sqft	0.13	5,850.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2033
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	326.05	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file

Land Use - See assumptions file.

Construction Phase -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Vehicle Emission Factors - Updated emissions derived from EMFAC2017 emissions and CalEEMod methodology.

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - Utilizes energy rates for a health club.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	12449	8760
tblConstructionPhase	NumDays	20.00	30.00
tblEnergyUse	LightingElect	0.00	3.85
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	0.00	2.94
tblEnergyUse	T24NG	0.00	15.35
tblFireplaces	NumberGas	535.50	0.00
tblFireplaces	NumberNoFireplace	63.00	630.00
tblFireplaces	NumberWood	31.50	0.00
tblFleetMix	HHD	0.04	0.01
tblFleetMix	LDA	0.54	0.56
tblFleetMix	LDT1	0.04	0.05

tblFleetMix	LDT2	0.21	0.22
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	6.4170e-003	3.7680e-003
tblFleetMix	MCY	5.3130e-003	5.5400e-003
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	8.0700e-004	4.7400e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.6760e-003	1.5710e-003
tblFleetMix	SBUS	7.2800e-004	4.2700e-004
tblFleetMix	UBUS	1.6620e-003	9.7600e-004
tblLandUse	LandUseSquareFeet	61,506.72	61,487.00
tblLandUse	LandUseSquareFeet	175,546.80	0.00
tblLandUse	LandUseSquareFeet	630,000.00	481,780.00
tblLandUse	LotAcreage	3.28	3.35
tblLandUse	LotAcreage	16.58	3.21
tblProjectCharacteristics	CO2IntensityFactor	702.44	326.05
tblSolidWaste	SolidWasteGenerationRate	289.80	459.90
tblSolidWaste	SolidWasteGenerationRate	17.72	208.60
tblSolidWaste	SolidWasteGenerationRate	13.40	25.73
tblSolidWaste	SolidWasteGenerationRate	6.14	64.06
tblVehicleEF	HHD	0.36	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.45	6.76
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.73	8.4500e-003
tblVehicleEF	HHD	4,163.50	953.50

tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.30	5.54
tblVehicleEF	HHD	1.81	2.48
tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.0470e-003	2.2320e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.9150e-003	2.1350e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.37	0.45
tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.8060e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005

tblVehicleEF	HHD	0.44	0.52
tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.34	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.05	6.67
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.54	8.0260e-003
tblVehicleEF	HHD	4,410.86	941.68
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.70	5.27
tblVehicleEF	HHD	1.71	2.35
tblVehicleEF	HHD	19.27	2.34
tblVehicleEF	HHD	2.5680e-003	1.9700e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.4570e-003	1.8850e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006

tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.35	0.48
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.6960e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7300e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.41	0.55
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.39	0.02
tblVehicleEF	HHD	0.10	9.4100e-004
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.00	6.74
tblVehicleEF	HHD	1.11	0.25
tblVehicleEF	HHD	3.77	8.5340e-003
tblVehicleEF	HHD	3,821.91	948.21
tblVehicleEF	HHD	1,518.98	1,096.02
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	11.75	5.77

tblVehicleEF	HHD	1.78	2.42
tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.7070e-003	2.4810e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	3.5470e-003	2.3740e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.7200e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.40	0.41
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.03	8.9580e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.47	0.47
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.02

tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	LDA	2.2560e-003	1.0780e-003
tblVehicleEF	LDA	1.5510e-003	0.02
tblVehicleEF	LDA	0.36	0.45
tblVehicleEF	LDA	0.50	1.49
tblVehicleEF	LDA	194.38	224.34
tblVehicleEF	LDA	39.45	43.42
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.6650e-003	3.5690e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	1.9450e-003	2.0390e-003
tblVehicleEF	LDA	4.0200e-004	3.9400e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.2360e-003	5.2040e-003
tblVehicleEF	LDA	0.03	0.16

tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	2.4030e-003	1.1550e-003
tblVehicleEF	LDA	1.3830e-003	0.02
tblVehicleEF	LDA	0.39	0.50
tblVehicleEF	LDA	0.42	1.28
tblVehicleEF	LDA	203.46	234.14
tblVehicleEF	LDA	39.45	43.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	6.0290e-003	3.7840e-003
tblVehicleEF	LDA	0.03	0.14
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.0360e-003	2.1280e-003
tblVehicleEF	LDA	4.0100e-004	3.9100e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7670e-003	5.5200e-003
tblVehicleEF	LDA	0.03	0.15
tblVehicleEF	LDA	0.02	0.09

tblVehicleEF	LDA	2.2080e-003	1.0540e-003
tblVehicleEF	LDA	1.5860e-003	0.02
tblVehicleEF	LDA	0.34	0.44
tblVehicleEF	LDA	0.51	1.54
tblVehicleEF	LDA	191.06	220.72
tblVehicleEF	LDA	39.45	43.51
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.5470e-003	3.4970e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.9120e-003	2.0060e-003
tblVehicleEF	LDA	4.0200e-004	3.9500e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.0650e-003	5.1000e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDT1	4.8040e-003	1.9860e-003

tblVehicleEF	LDT1	3.6300e-003	0.03
tblVehicleEF	LDT1	0.62	0.60
tblVehicleEF	LDT1	0.91	1.61
tblVehicleEF	LDT1	255.37	271.33
tblVehicleEF	LDT1	51.58	52.83
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.01	7.6070e-003
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	2.5590e-003	2.4650e-003
tblVehicleEF	LDT1	5.3100e-004	4.8000e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	5.0980e-003	2.1170e-003
tblVehicleEF	LDT1	3.2330e-003	0.03

tblVehicleEF	LDT1	0.68	0.65
tblVehicleEF	LDT1	0.77	1.38
tblVehicleEF	LDT1	266.74	281.43
tblVehicleEF	LDT1	51.58	52.39
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.01	8.0550e-003
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.04	0.11
tblVehicleEF	LDT1	2.6740e-003	2.5570e-003
tblVehicleEF	LDT1	5.2800e-004	4.7600e-004
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	4.7090e-003	1.9450e-003
tblVehicleEF	LDT1	3.7130e-003	0.03
tblVehicleEF	LDT1	0.60	0.58

tblVehicleEF	LDT1	0.93	1.66
tblVehicleEF	LDT1	251.20	267.60
tblVehicleEF	LDT1	51.58	52.93
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.01	7.4590e-003
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	2.5170e-003	2.4310e-003
tblVehicleEF	LDT1	5.3100e-004	4.8100e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT2	3.4270e-003	1.9090e-003
tblVehicleEF	LDT2	2.2070e-003	0.03
tblVehicleEF	LDT2	0.53	0.60
tblVehicleEF	LDT2	0.69	1.96

tblVehicleEF	LDT2	281.92	272.19
tblVehicleEF	LDT2	56.69	53.12
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.5230e-003	7.1120e-003
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.8220e-003	2.4740e-003
tblVehicleEF	LDT2	5.7800e-004	4.8300e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	3.6410e-003	2.0380e-003
tblVehicleEF	LDT2	1.9920e-003	0.03
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.60	1.68
tblVehicleEF	LDT2	294.56	281.38

tblVehicleEF	LDT2	56.69	52.59
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.0530e-003	7.5260e-003
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.12
tblVehicleEF	LDT2	2.9490e-003	2.5570e-003
tblVehicleEF	LDT2	5.7600e-004	4.7800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	3.3570e-003	1.8690e-003
tblVehicleEF	LDT2	2.2530e-003	0.03
tblVehicleEF	LDT2	0.51	0.58
tblVehicleEF	LDT2	0.70	2.03
tblVehicleEF	LDT2	277.28	268.79
tblVehicleEF	LDT2	56.69	53.25

tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.04	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.3500e-003	6.9760e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.7760e-003	2.4430e-003
tblVehicleEF	LDT2	5.7800e-004	4.8400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LHD1	3.2450e-003	3.7380e-003
tblVehicleEF	LHD1	2.8770e-003	1.9460e-003
tblVehicleEF	LHD1	6.8360e-003	6.8950e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.25	0.77
tblVehicleEF	LHD1	8.94	7.98

tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.03
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.47	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004

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tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7460e-003
tblVehicleEF	LHD1	2.9060e-003	1.9640e-003
tblVehicleEF	LHD1	6.5820e-003	6.6630e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.19	0.74
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	8.97
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.14
tblVehicleEF	LHD1	0.45	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003

tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5300e-004	8.9000e-005
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7370e-003
tblVehicleEF	LHD1	2.8690e-003	1.9400e-003
tblVehicleEF	LHD1	6.8860e-003	6.9460e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.26	0.78
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.04
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.48	0.19
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01

tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD2	2.4390e-003	2.5250e-003
tblVehicleEF	LHD2	1.9310e-003	1.9850e-003
tblVehicleEF	LHD2	2.7180e-003	4.3850e-003
tblVehicleEF	LHD2	0.12	0.13

tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.50
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5300e-003
tblVehicleEF	LHD2	1.9420e-003	1.9950e-003
tblVehicleEF	LHD2	2.6710e-003	4.2380e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.81	0.46
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.47
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.20
tblVehicleEF	LHD2	0.23	0.11
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003

tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5240e-003
tblVehicleEF	LHD2	1.9280e-003	1.9820e-003
tblVehicleEF	LHD2	2.7280e-003	4.4170e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.51
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21

tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3400e-004	6.4000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	MCY	0.56	0.38

tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	17.87	17.90
tblVehicleEF	MCY	9.83	8.72
tblVehicleEF	MCY	192.71	224.98
tblVehicleEF	MCY	41.76	57.18
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	2.57	2.57
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	1.96	1.74
tblVehicleEF	MCY	2.2990e-003	2.2260e-003
tblVehicleEF	MCY	6.3600e-004	5.6600e-004
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	3.22	3.23
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	2.14	1.90
tblVehicleEF	MCY	0.55	0.37
tblVehicleEF	MCY	0.13	0.20

tblVehicleEF	MCY	17.28	17.29
tblVehicleEF	MCY	8.92	7.89
tblVehicleEF	MCY	192.71	223.83
tblVehicleEF	MCY	41.76	55.25
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	2.52	2.52
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.77	1.56
tblVehicleEF	MCY	2.2880e-003	2.2150e-003
tblVehicleEF	MCY	6.1500e-004	5.4700e-004
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	3.17	3.17
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.96	18.02

tblVehicleEF	MCY	10.00	8.89
tblVehicleEF	MCY	192.71	225.21
tblVehicleEF	MCY	41.76	57.57
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.3000e-003	2.2290e-003
tblVehicleEF	MCY	6.4000e-004	5.7000e-004
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	3.24	3.24
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.18	1.94
tblVehicleEF	MDV	5.2160e-003	2.0250e-003
tblVehicleEF	MDV	4.1990e-003	0.03
tblVehicleEF	MDV	0.67	0.60
tblVehicleEF	MDV	1.00	1.98

tblVehicleEF	MDV	378.68	331.57
tblVehicleEF	MDV	74.82	63.29
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.14
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.6990e-003
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7870e-003	3.0160e-003
tblVehicleEF	MDV	7.6400e-004	5.7500e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MDV	5.5400e-003	2.1620e-003
tblVehicleEF	MDV	3.7620e-003	0.03
tblVehicleEF	MDV	0.73	0.66
tblVehicleEF	MDV	0.87	1.69
tblVehicleEF	MDV	395.18	340.71

tblVehicleEF	MDV	74.82	62.75
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.06	0.13
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.01	8.1430e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.05	0.13
tblVehicleEF	MDV	3.9520e-003	3.0990e-003
tblVehicleEF	MDV	7.6200e-004	5.7000e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.06	0.14
tblVehicleEF	MDV	5.1110e-003	1.9820e-003
tblVehicleEF	MDV	4.2910e-003	0.03
tblVehicleEF	MDV	0.64	0.58
tblVehicleEF	MDV	1.03	2.05
tblVehicleEF	MDV	372.61	328.19
tblVehicleEF	MDV	74.82	63.41

tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.15
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.5520e-003
tblVehicleEF	MDV	0.08	0.31
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7260e-003	2.9850e-003
tblVehicleEF	MDV	7.6500e-004	5.7600e-004
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.32
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MH	4.9780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.28	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.62	2.47

tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
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tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	5.0780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.28	0.17
tblVehicleEF	MH	3.09	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00

tblVehicleEF	MH	0.57	2.33
tblVehicleEF	MH	0.52	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2100e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	4.9510e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.31	0.00
tblVehicleEF	MH	1,100.77	842.81

tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.60	2.42
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2500e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MHD	0.02	3.9670e-003
tblVehicleEF	MHD	2.0900e-003	7.9900e-004
tblVehicleEF	MHD	0.03	8.6760e-003
tblVehicleEF	MHD	0.34	0.38

tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.16	0.84
tblVehicleEF	MHD	137.17	55.31
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.75
tblVehicleEF	MHD	0.35	0.28
tblVehicleEF	MHD	0.67	1.07
tblVehicleEF	MHD	10.47	1.66
tblVehicleEF	MHD	3.9000e-005	9.8000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.7000e-005	9.4000e-005
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.03	8.4860e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.3200e-003	5.2500e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2000e-004	8.7000e-005
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.03

tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.22	0.05
tblVehicleEF	MHD	0.02	3.7710e-003
tblVehicleEF	MHD	2.1040e-003	8.1200e-004
tblVehicleEF	MHD	0.03	8.3760e-003
tblVehicleEF	MHD	0.24	0.33
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.00	0.80
tblVehicleEF	MHD	145.29	54.96
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.68
tblVehicleEF	MHD	0.36	0.27
tblVehicleEF	MHD	0.63	1.01
tblVehicleEF	MHD	10.45	1.66
tblVehicleEF	MHD	3.3000e-005	8.6000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.1000e-005	8.2000e-005
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.03	8.5290e-003

tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.20	0.04
tblVehicleEF	MHD	1.3970e-003	5.2200e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.1700e-004	8.6000e-005
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.22	0.04
tblVehicleEF	MHD	0.02	4.2500e-003
tblVehicleEF	MHD	2.0860e-003	7.9500e-004
tblVehicleEF	MHD	0.03	8.7240e-003
tblVehicleEF	MHD	0.47	0.46
tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.19	0.85
tblVehicleEF	MHD	125.95	55.78
tblVehicleEF	MHD	1,118.54	879.13
tblVehicleEF	MHD	56.47	8.77
tblVehicleEF	MHD	0.33	0.30
tblVehicleEF	MHD	0.66	1.05
tblVehicleEF	MHD	10.47	1.67
tblVehicleEF	MHD	4.7000e-005	1.1600e-004
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004

tblVehicleEF	MHD	4.5000e-005	1.1100e-004
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.2150e-003	5.3000e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2100e-004	8.7000e-005
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.23	0.05
tblVehicleEF	OBUS	0.01	7.9660e-003
tblVehicleEF	OBUS	3.2830e-003	1.9210e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.69
tblVehicleEF	OBUS	0.26	0.23
tblVehicleEF	OBUS	3.92	1.78
tblVehicleEF	OBUS	110.87	95.92

tblVehicleEF	OBUS	1,223.90	1,131.18
tblVehicleEF	OBUS	65.16	15.22
tblVehicleEF	OBUS	0.25	0.43
tblVehicleEF	OBUS	0.59	1.16
tblVehicleEF	OBUS	2.58	0.96
tblVehicleEF	OBUS	2.3000e-005	1.4600e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	2.2000e-005	1.4000e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.25	0.09
tblVehicleEF	OBUS	1.0690e-003	9.1100e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.2000e-004	1.5100e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.26

tblVehicleEF	OBUS	0.28	0.10
tblVehicleEF	OBUS	0.01	8.0710e-003
tblVehicleEF	OBUS	3.3260e-003	1.9600e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.68
tblVehicleEF	OBUS	0.26	0.24
tblVehicleEF	OBUS	3.71	1.69
tblVehicleEF	OBUS	116.51	94.78
tblVehicleEF	OBUS	1,223.90	1,131.19
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tblVehicleEF	OBUS	0.26	0.41
tblVehicleEF	OBUS	0.56	1.09
tblVehicleEF	OBUS	2.55	0.95
tblVehicleEF	OBUS	1.9000e-005	1.3000e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	1.8000e-005	1.2400e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	2.0040e-003	2.2690e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.24	0.08
tblVehicleEF	OBUS	1.1230e-003	9.0000e-004

tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.1700e-004	1.4900e-004
tblVehicleEF	OBUS	2.0040e-003	2.2690e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.25
tblVehicleEF	OBUS	0.27	0.09
tblVehicleEF	OBUS	0.01	7.8420e-003
tblVehicleEF	OBUS	3.2720e-003	1.9110e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.26	0.70
tblVehicleEF	OBUS	0.26	0.23
tblVehicleEF	OBUS	3.97	1.80
tblVehicleEF	OBUS	103.08	97.50
tblVehicleEF	OBUS	1,223.90	1,131.18
tblVehicleEF	OBUS	65.16	15.25
tblVehicleEF	OBUS	0.24	0.46
tblVehicleEF	OBUS	0.58	1.14
tblVehicleEF	OBUS	2.59	0.96
tblVehicleEF	OBUS	2.7000e-005	1.6900e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	2.6000e-005	1.6100e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004

tblVehicleEF	OBUS	1.3430e-003	1.5590e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5700e-004	8.4700e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.26	0.09
tblVehicleEF	OBUS	9.9500e-004	9.2600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.2100e-004	1.5100e-004
tblVehicleEF	OBUS	1.3430e-003	1.5590e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	7.5700e-004	8.4700e-004
tblVehicleEF	OBUS	0.04	0.02
tblVehicleEF	OBUS	0.04	0.28
tblVehicleEF	OBUS	0.28	0.10
tblVehicleEF	SBUS	0.82	0.11
tblVehicleEF	SBUS	4.3120e-003	2.8540e-003
tblVehicleEF	SBUS	0.05	9.1770e-003
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tblVehicleEF	SBUS	0.29	0.26
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tblVehicleEF	SBUS	1,003.97	926.50
tblVehicleEF	SBUS	66.19	7.58
tblVehicleEF	SBUS	3.00	1.75

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tblVehicleEF	SBUS	9.86	1.52
tblVehicleEF	SBUS	9.3400e-004	9.3500e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	4.5390e-003	1.6490e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	2.7150e-003	9.9700e-004
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.36	0.05
tblVehicleEF	SBUS	9.6310e-003	3.1860e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7400e-004	7.5000e-005
tblVehicleEF	SBUS	4.5390e-003	1.6490e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.65	0.73
tblVehicleEF	SBUS	2.7150e-003	9.9700e-004
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.09
tblVehicleEF	SBUS	0.40	0.06
tblVehicleEF	SBUS	0.82	0.11

tblVehicleEF	SBUS	4.3630e-003	2.8900e-003
tblVehicleEF	SBUS	0.04	8.1910e-003
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tblVehicleEF	SBUS	0.30	0.26
tblVehicleEF	SBUS	5.24	0.96
tblVehicleEF	SBUS	1,012.50	332.77
tblVehicleEF	SBUS	1,003.97	926.51
tblVehicleEF	SBUS	66.19	7.21
tblVehicleEF	SBUS	3.09	1.73
tblVehicleEF	SBUS	1.17	1.74
tblVehicleEF	SBUS	9.84	1.52
tblVehicleEF	SBUS	7.8800e-004	7.9900e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	7.5400e-004	7.6400e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	6.6280e-003	2.3800e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.32	0.05
tblVehicleEF	SBUS	9.9980e-003	3.1920e-003

tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.5400e-004	7.1000e-005
tblVehicleEF	SBUS	6.6280e-003	2.3800e-003
tblVehicleEF	SBUS	0.04	0.01
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tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.06	0.04
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tblVehicleEF	SBUS	0.35	0.05
tblVehicleEF	SBUS	0.82	0.11
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tblVehicleEF	SBUS	9.87	1.52
tblVehicleEF	SBUS	1.1370e-003	1.1220e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	1.0880e-003	1.0730e-003
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003

tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
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tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.37	0.05
tblVehicleEF	SBUS	9.1250e-003	3.1790e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7800e-004	7.6000e-005
tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.66	0.73
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
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tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.41	0.06
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tblVehicleEF	UBUS	5.87	0.03
tblVehicleEF	UBUS	7.97	0.71
tblVehicleEF	UBUS	1,763.48	119.79
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tblVehicleEF	UBUS	2.69	0.02
tblVehicleEF	UBUS	12.78	0.09

tblVehicleEF	UBUS	0.52	8.6290e-003
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tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	0.21	1.3700e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.71	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4690e-003	7.4000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	1.62	1.9990e-003
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tblVehicleEF	UBUS	0.78	0.05
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tblVehicleEF	UBUS	5.88	0.03
tblVehicleEF	UBUS	7.00	0.63
tblVehicleEF	UBUS	1,763.48	119.79

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tblVehicleEF	UBUS	12.72	0.08
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tblVehicleEF	UBUS	0.01	7.9200e-004
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tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
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tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
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tblVehicleEF	UBUS	0.21	1.3980e-003
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tblVehicleEF	UBUS	0.66	0.05
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tblVehicleEF	UBUS	1.4510e-003	7.2000e-005
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tblVehicleEF	UBUS	0.05	8.2100e-003
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tblVehicleEF	UBUS	1.62	2.0400e-003
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tblVehicleEF	UBUS	0.72	0.05
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tblVehicleEF	UBUS	0.05	0.01

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tblVehicleEF	UBUS	8.16	0.73
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tblVehicleEF	UBUS	12.79	0.09
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tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
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tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.73	0.05
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tblVehicleEF	UBUS	1.4720e-003	7.4000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	1.62	1.9890e-003
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.80	0.06
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
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tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
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tblVehicleTrips	CW_TTP	33.00	100.00

tblVehicleTrips	CW_TTP	16.30	100.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TL	5.90	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	11.75
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29

tblVehicleTrips	WD_TR	6.65	2.99
tblVehicleTrips	WD_TR	11.03	6.57
tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	41,047,036.14	53,374,393.80
tblWater	IndoorWaterUseRate	3,385,827.90	3,227,880.01
tblWater	IndoorWaterUseRate	138,986.39	398,189.92
tblWater	IndoorWaterUseRate	433,324.25	991,238.74
tblWater	OutdoorWaterUseRate	25,877,479.31	0.00
tblWater	OutdoorWaterUseRate	2,075,184.84	0.00
tblWater	OutdoorWaterUseRate	85,185.21	0.00
tblWater	OutdoorWaterUseRate	265,585.83	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	31.50	0.00
tblWoodstoves	NumberNoncatalytic	31.50	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6050	1.0569	7.5242	0.0261	3.4380	0.0155	3.4534	0.9172	0.0144	0.9316	0.0000	2,595.6912	2,595.6912	0.0642	0.0000	2,597.2971
Unmitigated	0.6050	1.0569	7.5242	0.0261	3.4380	0.0155	3.4534	0.9172	0.0144	0.9316	0.0000	2,595.6912	2,595.6912	0.0642	0.0000	2,597.2971

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,883.70	1,883.70	1,883.70	8,056,585	8,056,585
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	125.16	28.38	8.95	405,173	405,173
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	30.48	9.64	14.38	107,789	107,789
Regional Shopping Center	139.11	170.00	77.75	576,364	576,364
Total	2,178.45	2,091.72	1,984.78	9,145,911	9,145,911

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	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	11.75	0.00	0.00	0.00	0.00	0.00	0	0	0
General Office Building	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	11.75	0.00	0.00	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	11.75	0.00	0.00	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0
Regional Shopping Center	11.75	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474
Enclosed Parking with Elevator	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
General Office Building	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Non-Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Recreational Swimming Pool	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Regional Shopping Center	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807

5.0 Energy Detail

Historical Energy Use: Y

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	542.2900	542.2900	0.0482	9.9800e-003	546.4697
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	542.2900	542.2900	0.0482	9.9800e-003	546.4697
NaturalGas Mitigated	0.0374	0.3203	0.1423	2.0400e-003		0.0258	0.0258		0.0258	0.0258	0.0000	369.9709	369.9709	7.0900e-003	6.7800e-003	372.1694
NaturalGas Unmitigated	0.0374	0.3203	0.1423	2.0400e-003		0.0258	0.0258		0.0258	0.0258	0.0000	369.9709	369.9709	7.0900e-003	6.7800e-003	372.1694

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	6.63883e+006	0.0358	0.3059	0.1302	1.9500e-003		0.0247	0.0247		0.0247	0.0247	0.0000	354.2734	354.2734	6.7900e-003	6.5000e-003	356.3787
Enclosed Parking with Elevator	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
General Office Building	236982	1.2800e-003	0.0116	9.7600e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004	0.0000	12.6463	12.6463	2.4000e-004	2.3000e-004	12.7214
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	46530	2.5000e-004	2.2800e-003	1.9200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4830	2.4830	5.0000e-005	5.0000e-005	2.4978
Regional Shopping Center	10647	6.0000e-005	5.2000e-004	4.4000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5682	0.5682	1.0000e-005	1.0000e-005	0.5715
Total		0.0374	0.3203	0.1423	2.0300e-003		0.0258	0.0258		0.0258	0.0258	0.0000	369.9709	369.9709	7.0900e-003	6.7900e-003	372.1694

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	6.63883e+006	0.0358	0.3059	0.1302	1.9500e-003		0.0247	0.0247		0.0247	0.0247	0.0000	354.2734	354.2734	6.7900e-003	6.5000e-003	356.3787
Enclosed Parking with Elevator	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
General Office Building	236982	1.2800e-003	0.0116	9.7600e-003	7.0000e-005		8.8000e-004	8.8000e-004		8.8000e-004	8.8000e-004	0.0000	12.6463	12.6463	2.4000e-004	2.3000e-004	12.7214
Other Asphalt Surfaces	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
Other Non-Asphalt Surfaces	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
Recreational Swimming Pool	46530	2.5000e-004	2.2800e-003	1.9200e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4830	2.4830	5.0000e-005	5.0000e-005	2.4978
Regional Shopping Center	10647	6.0000e-005	5.2000e-004	4.4000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.5682	0.5682	1.0000e-005	1.0000e-005	0.5715
Total		0.0374	0.3203	0.1423	2.0300e-003		0.0258	0.0258		0.0258	0.0258	0.0000	369.9709	369.9709	7.0900e-003	6.7900e-003	372.1694

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.26956e+006	335.6533	0.0299	6.1800e-003	338.2403
Enclosed Parking with Elevator	984040	145.5334	0.0129	2.6800e-003	146.6551
General Office Building	290322	42.9368	3.8200e-003	7.9000e-004	43.2678
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	29469	4.3583	3.9000e-004	8.0000e-005	4.3919
Regional Shopping Center	93366	13.8083	1.2300e-003	2.5000e-004	13.9147
Total		542.2900	0.0482	9.9800e-003	546.4697

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	2.26956e+006	335.6533	0.0299	6.1800e-003	338.2403
Enclosed Parking with Elevator	984040	145.5334	0.0129	2.6800e-003	146.6551
General Office Building	290322	42.9368	3.8200e-003	7.9000e-004	43.2678
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	29469	4.3583	3.9000e-004	8.0000e-005	4.3919
Regional Shopping Center	93366	13.8083	1.2300e-003	2.5000e-004	13.9147
Total		542.2900	0.0482	9.9800e-003	546.4697

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	2.2125	0.0748	6.4849	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	10.6226	10.6226	0.0101	0.0000	10.8760
Unmitigated	2.2125	0.0748	6.4849	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	10.6226	10.6226	0.0101	0.0000	10.8760

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	0.1654					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8528					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	0.1943	0.0748	6.4849	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	10.6226	10.6226	0.0101	0.0000	10.8760
Total	2.2125	0.0748	6.4849	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	10.6226	10.6226	0.0101	0.0000	10.8760

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	0.1654					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.8528					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	0.1943	0.0748	6.4849	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	10.6226	10.6226	0.0101	0.0000	10.8760
Total	2.2125	0.0748	6.4849	3.4000e-004		0.0361	0.0361		0.0361	0.0361	0.0000	10.6226	10.6226	0.0101	0.0000	10.8760

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	132.1936	0.0806	0.0467	148.1163
Unmitigated	132.1936	0.0806	0.0467	148.1163

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	53.3744 / 0	121.6684	0.0741	0.0430	136.3233
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	3.22788 / 0	7.3580	4.4800e-003	2.6000e-003	8.2443
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0.39819 / 0	0.9077	5.5000e-004	3.2000e-004	1.0170
Regional Shopping Center	0.991239 / 0	2.2596	1.3800e-003	8.0000e-004	2.5317
Total		132.1936	0.0806	0.0467	148.1163

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	53.3744 / 0	121.6684	0.0741	0.0430	136.3233
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	3.22788 / 0	7.3580	4.4800e-003	2.6000e-003	8.2443
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0.39819 / 0	0.9077	5.5000e-004	3.2000e-004	1.0170
Regional Shopping Center	0.991239 / 0	2.2596	1.3800e-003	8.0000e-004	2.5317
Total		132.1936	0.0806	0.0467	148.1163

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	153.9260	9.0968	0.0000	381.3452
Unmitigated	153.9260	9.0968	0.0000	381.3452

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	459.9	93.3555	5.5172	0.0000	231.2844
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	208.6	42.3439	2.5025	0.0000	104.9053
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	25.73	5.2230	0.3087	0.0000	12.9397
Regional Shopping Center	64.06	13.0036	0.7685	0.0000	32.2159
Total		153.9260	9.0968	0.0000	381.3452

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	459.9	93.3555	5.5172	0.0000	231.2844
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	208.6	42.3439	2.5025	0.0000	104.9053
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	25.73	5.2230	0.3087	0.0000	12.9397
Regional Shopping Center	64.06	13.0036	0.7685	0.0000	32.2159
Total		153.9260	9.0968	0.0000	381.3452

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

CalEEMod Output: Operation – Proposed

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New Proposed - Los Angeles-South Coast County, Summer

New Proposed
Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	48.00	1000sqft	1.10	48,000.00	0
Enclosed Parking with Elevator	510.00	Space	4.68	204,000.00	0
Other Asphalt Surfaces	2.28	Acre	2.28	99,186.12	0
Recreational Swimming Pool	92.00	1000sqft	2.11	92,000.00	0
Apartments Mid Rise	750.00	Dwelling Unit	3.82	1,301,597.00	2145
Regional Shopping Center	17.00	1000sqft	0.39	17,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2033
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	326.05	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - See assumptions file.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Water Mitigation -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - See assumptions file.

Vehicle Emission Factors - See assumptions file.

Vehicle Emission Factors - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	78500	2805
tblAreaCoating	Area_Nonresidential_Interior	235500	8415
tblAreaCoating	Area_Parking	18191	12240
tblAreaCoating	Area_Residential_Exterior	878580	790720
tblAreaCoating	Area_Residential_Interior	2635740	2372161
tblEnergyUse	LightingElect	0.00	3.10
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	252.63	226.86
tblEnergyUse	T24E	3.92	3.52
tblEnergyUse	T24E	4.60	4.13
tblEnergyUse	T24E	0.00	2.02
tblEnergyUse	T24E	4.01	3.60
tblEnergyUse	T24NG	7,012.17	6,942.05

tblEnergyUse	T24NG	10.02	9.92
tblEnergyUse	T24NG	0.00	13.51
tblEnergyUse	T24NG	1.15	1.14
tblFireplaces	NumberGas	637.50	0.00
tblFireplaces	NumberNoFireplace	75.00	750.00
tblFireplaces	NumberWood	37.50	0.00
tblFleetMix	HHD	0.04	0.01
tblFleetMix	LDA	0.54	0.56
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.22
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	6.4170e-003	3.7682e-003
tblFleetMix	MCY	5.3130e-003	5.5401e-003
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	8.0700e-004	4.7388e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.6760e-003	1.5714e-003
tblFleetMix	SBUS	7.2800e-004	4.2749e-004
tblFleetMix	UBUS	1.6620e-003	9.7595e-004
tblLandUse	LandUseSquareFeet	99,316.80	99,186.12
tblLandUse	LandUseSquareFeet	750,000.00	1,301,597.00
tblLandUse	LotAcreage	4.59	4.68
tblLandUse	LotAcreage	19.74	3.82
tblProjectCharacteristics	CO2IntensityFactor	702.44	326.05
tblSolidWaste	SolidWasteGenerationRate	345.00	547.50
tblSolidWaste	SolidWasteGenerationRate	44.64	525.60
tblSolidWaste	SolidWasteGenerationRate	524.40	1,007.40

tblSolidWaste	SolidWasteGenerationRate	17.85	186.15
tblVehicleEF	HHD	0.36	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.45	6.76
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.73	8.4500e-003
tblVehicleEF	HHD	4,163.50	953.50
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.30	5.54
tblVehicleEF	HHD	1.81	2.48
tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.0470e-003	2.2320e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.9150e-003	2.1350e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.37	0.45
tblVehicleEF	HHD	8.7000e-005	2.0000e-006

tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.8060e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.44	0.52
tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.34	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.05	6.67
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.54	8.0260e-003
tblVehicleEF	HHD	4,410.86	941.68
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.70	5.27
tblVehicleEF	HHD	1.71	2.35
tblVehicleEF	HHD	19.27	2.34
tblVehicleEF	HHD	2.5680e-003	1.9700e-003
tblVehicleEF	HHD	0.06	0.06

tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.4570e-003	1.8850e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.35	0.48
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.6960e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7300e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.41	0.55
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.39	0.02
tblVehicleEF	HHD	0.10	9.4100e-004

tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.00	6.74
tblVehicleEF	HHD	1.11	0.25
tblVehicleEF	HHD	3.77	8.5340e-003
tblVehicleEF	HHD	3,821.91	948.21
tblVehicleEF	HHD	1,518.98	1,096.02
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	11.75	5.77
tblVehicleEF	HHD	1.78	2.42
tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.7070e-003	2.4810e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	3.5470e-003	2.3740e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.7200e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.40	0.41
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.06	2.0000e-006

tblVehicleEF	HHD	0.03	8.9580e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.47	0.47
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	LDA	2.2560e-003	1.0780e-003
tblVehicleEF	LDA	1.5510e-003	0.02
tblVehicleEF	LDA	0.36	0.45
tblVehicleEF	LDA	0.50	1.49
tblVehicleEF	LDA	194.38	224.34
tblVehicleEF	LDA	39.45	43.42
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.6650e-003	3.5690e-003
tblVehicleEF	LDA	0.03	0.16

tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	1.9450e-003	2.0390e-003
tblVehicleEF	LDA	4.0200e-004	3.9400e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.2360e-003	5.2040e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	2.4030e-003	1.1550e-003
tblVehicleEF	LDA	1.3830e-003	0.02
tblVehicleEF	LDA	0.39	0.50
tblVehicleEF	LDA	0.42	1.28
tblVehicleEF	LDA	203.46	234.14
tblVehicleEF	LDA	39.45	43.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	6.0290e-003	3.7840e-003
tblVehicleEF	LDA	0.03	0.14
tblVehicleEF	LDA	0.02	0.09

tblVehicleEF	LDA	2.0360e-003	2.1280e-003
tblVehicleEF	LDA	4.0100e-004	3.9100e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7670e-003	5.5200e-003
tblVehicleEF	LDA	0.03	0.15
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.2080e-003	1.0540e-003
tblVehicleEF	LDA	1.5860e-003	0.02
tblVehicleEF	LDA	0.34	0.44
tblVehicleEF	LDA	0.51	1.54
tblVehicleEF	LDA	191.06	220.72
tblVehicleEF	LDA	39.45	43.51
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.5470e-003	3.4970e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.9120e-003	2.0060e-003

tblVehicleEF	LDA	4.0200e-004	3.9500e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.0650e-003	5.1000e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDT1	4.8040e-003	1.9860e-003
tblVehicleEF	LDT1	3.6300e-003	0.03
tblVehicleEF	LDT1	0.62	0.60
tblVehicleEF	LDT1	0.91	1.61
tblVehicleEF	LDT1	255.37	271.33
tblVehicleEF	LDT1	51.58	52.83
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.01	7.6070e-003
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	2.5590e-003	2.4650e-003
tblVehicleEF	LDT1	5.3100e-004	4.8000e-004

tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	5.0980e-003	2.1170e-003
tblVehicleEF	LDT1	3.2330e-003	0.03
tblVehicleEF	LDT1	0.68	0.65
tblVehicleEF	LDT1	0.77	1.38
tblVehicleEF	LDT1	266.74	281.43
tblVehicleEF	LDT1	51.58	52.39
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.04	0.12
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.01	8.0550e-003
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.04	0.11
tblVehicleEF	LDT1	2.6740e-003	2.5570e-003
tblVehicleEF	LDT1	5.2800e-004	4.7600e-004
tblVehicleEF	LDT1	0.08	0.07

tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	4.7090e-003	1.9450e-003
tblVehicleEF	LDT1	3.7130e-003	0.03
tblVehicleEF	LDT1	0.60	0.58
tblVehicleEF	LDT1	0.93	1.66
tblVehicleEF	LDT1	251.20	267.60
tblVehicleEF	LDT1	51.58	52.93
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.01	7.4590e-003
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	2.5170e-003	2.4310e-003
tblVehicleEF	LDT1	5.3100e-004	4.8100e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09

tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT2	3.4270e-003	1.9090e-003
tblVehicleEF	LDT2	2.2070e-003	0.03
tblVehicleEF	LDT2	0.53	0.60
tblVehicleEF	LDT2	0.69	1.96
tblVehicleEF	LDT2	281.92	272.19
tblVehicleEF	LDT2	56.69	53.12
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.5230e-003	7.1120e-003
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.8220e-003	2.4740e-003
tblVehicleEF	LDT2	5.7800e-004	4.8300e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05

tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	3.6410e-003	2.0380e-003
tblVehicleEF	LDT2	1.9920e-003	0.03
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.60	1.68
tblVehicleEF	LDT2	294.56	281.38
tblVehicleEF	LDT2	56.69	52.59
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.0530e-003	7.5260e-003
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.12
tblVehicleEF	LDT2	2.9490e-003	2.5570e-003
tblVehicleEF	LDT2	5.7600e-004	4.7800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01

tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	3.3570e-003	1.8690e-003
tblVehicleEF	LDT2	2.2530e-003	0.03
tblVehicleEF	LDT2	0.51	0.58
tblVehicleEF	LDT2	0.70	2.03
tblVehicleEF	LDT2	277.28	268.79
tblVehicleEF	LDT2	56.69	53.25
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.04	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.3500e-003	6.9760e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.7760e-003	2.4430e-003
tblVehicleEF	LDT2	5.7800e-004	4.8400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.31

tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LHD1	3.2450e-003	3.7380e-003
tblVehicleEF	LHD1	2.8770e-003	1.9460e-003
tblVehicleEF	LHD1	6.8360e-003	6.8950e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.25	0.77
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.03
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.47	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27

tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7460e-003
tblVehicleEF	LHD1	2.9060e-003	1.9640e-003
tblVehicleEF	LHD1	6.5820e-003	6.6630e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.19	0.74
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	8.97
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.14
tblVehicleEF	LHD1	0.45	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004

tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
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tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
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tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7370e-003
tblVehicleEF	LHD1	2.8690e-003	1.9400e-003
tblVehicleEF	LHD1	6.8860e-003	6.9460e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.26	0.78

tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.04
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.48	0.19
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
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tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
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tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
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tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
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tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.02	0.02

tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.10	0.03
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tblVehicleEF	LHD2	1.9310e-003	1.9850e-003
tblVehicleEF	LHD2	2.7180e-003	4.3850e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.50
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5300e-003
tblVehicleEF	LHD2	1.9420e-003	1.9950e-003
tblVehicleEF	LHD2	2.6710e-003	4.2380e-003
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tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.81	0.46
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.47
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.20
tblVehicleEF	LHD2	0.23	0.11
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5240e-003
tblVehicleEF	LHD2	1.9280e-003	1.9820e-003
tblVehicleEF	LHD2	2.7280e-003	4.4170e-003

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tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.51
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3400e-004	6.4000e-005

tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	17.87	17.90
tblVehicleEF	MCY	9.83	8.72
tblVehicleEF	MCY	192.71	224.98
tblVehicleEF	MCY	41.76	57.18
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	2.57	2.57
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	1.96	1.74
tblVehicleEF	MCY	2.2990e-003	2.2260e-003
tblVehicleEF	MCY	6.3600e-004	5.6600e-004

tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	3.22	3.23
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	2.14	1.90
tblVehicleEF	MCY	0.55	0.37
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	17.28	17.29
tblVehicleEF	MCY	8.92	7.89
tblVehicleEF	MCY	192.71	223.83
tblVehicleEF	MCY	41.76	55.25
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	2.52	2.52
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.77	1.56
tblVehicleEF	MCY	2.2880e-003	2.2150e-003
tblVehicleEF	MCY	6.1500e-004	5.4700e-004
tblVehicleEF	MCY	1.71	1.71

tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	3.17	3.17
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.96	18.02
tblVehicleEF	MCY	10.00	8.89
tblVehicleEF	MCY	192.71	225.21
tblVehicleEF	MCY	41.76	57.57
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.3000e-003	2.2290e-003
tblVehicleEF	MCY	6.4000e-004	5.7000e-004
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75

tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	3.24	3.24
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.18	1.94
tblVehicleEF	MDV	5.2160e-003	2.0250e-003
tblVehicleEF	MDV	4.1990e-003	0.03
tblVehicleEF	MDV	0.67	0.60
tblVehicleEF	MDV	1.00	1.98
tblVehicleEF	MDV	378.68	331.57
tblVehicleEF	MDV	74.82	63.29
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.14
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.6990e-003
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7870e-003	3.0160e-003
tblVehicleEF	MDV	7.6400e-004	5.7500e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06

tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MDV	5.5400e-003	2.1620e-003
tblVehicleEF	MDV	3.7620e-003	0.03
tblVehicleEF	MDV	0.73	0.66
tblVehicleEF	MDV	0.87	1.69
tblVehicleEF	MDV	395.18	340.71
tblVehicleEF	MDV	74.82	62.75
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.06	0.13
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.01	8.1430e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.05	0.13
tblVehicleEF	MDV	3.9520e-003	3.0990e-003
tblVehicleEF	MDV	7.6200e-004	5.7000e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.01

tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.06	0.14
tblVehicleEF	MDV	5.1110e-003	1.9820e-003
tblVehicleEF	MDV	4.2910e-003	0.03
tblVehicleEF	MDV	0.64	0.58
tblVehicleEF	MDV	1.03	2.05
tblVehicleEF	MDV	372.61	328.19
tblVehicleEF	MDV	74.82	63.41
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.15
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.5520e-003
tblVehicleEF	MDV	0.08	0.31
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7260e-003	2.9850e-003
tblVehicleEF	MDV	7.6500e-004	5.7600e-004
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.32

tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MH	4.9780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.28	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.62	2.47
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2400e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.03	0.06

tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	5.0780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.28	0.17
tblVehicleEF	MH	3.09	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.57	2.33
tblVehicleEF	MH	0.52	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2100e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00

tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	4.9510e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.31	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.60	2.42
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2500e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00

tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MHD	0.02	3.9670e-003
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tblVehicleEF	MHD	0.03	8.6760e-003
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tblVehicleEF	MHD	0.20	0.11
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tblVehicleEF	MHD	1,118.54	879.13
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tblVehicleEF	MHD	0.67	1.07
tblVehicleEF	MHD	10.47	1.66
tblVehicleEF	MHD	3.9000e-005	9.8000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
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tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.03	8.4860e-003

tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.3200e-003	5.2500e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2000e-004	8.7000e-005
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.22	0.05
tblVehicleEF	MHD	0.02	3.7710e-003
tblVehicleEF	MHD	2.1040e-003	8.1200e-004
tblVehicleEF	MHD	0.03	8.3760e-003
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tblVehicleEF	MHD	0.20	0.11
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tblVehicleEF	MHD	1,118.54	879.13
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tblVehicleEF	MHD	0.63	1.01
tblVehicleEF	MHD	10.45	1.66
tblVehicleEF	MHD	3.3000e-005	8.6000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004

tblVehicleEF	MHD	3.1000e-005	8.2000e-005
tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.03	8.5290e-003
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.20	0.04
tblVehicleEF	MHD	1.3970e-003	5.2200e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.1700e-004	8.6000e-005
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.22	0.04
tblVehicleEF	MHD	0.02	4.2500e-003
tblVehicleEF	MHD	2.0860e-003	7.9500e-004
tblVehicleEF	MHD	0.03	8.7240e-003
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tblVehicleEF	MHD	0.20	0.11
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tblVehicleEF	MHD	0.66	1.05
tblVehicleEF	MHD	10.47	1.67
tblVehicleEF	MHD	4.7000e-005	1.1600e-004
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
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tblVehicleEF	MHD	4.5000e-005	1.1100e-004
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tblVehicleEF	MHD	6.5300e-004	3.3700e-004
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.03	8.4730e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.2150e-003	5.3000e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2100e-004	8.7000e-005
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08

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tblVehicleEF	OBUS	3.2830e-003	1.9210e-003
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tblVehicleEF	OBUS	0.25	0.69
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tblVehicleEF	OBUS	65.16	15.22
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tblVehicleEF	OBUS	2.3000e-005	1.4600e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	2.2000e-005	1.4000e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	7.9100e-004	8.8400e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.25	0.09
tblVehicleEF	OBUS	1.0690e-003	9.1100e-004

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tblVehicleEF	OBUS	0.28	0.10
tblVehicleEF	OBUS	0.01	8.0710e-003
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tblVehicleEF	OBUS	0.24	0.68
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tblVehicleEF	OBUS	1,223.90	1,131.19
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tblVehicleEF	OBUS	2.55	0.95
tblVehicleEF	OBUS	1.9000e-005	1.3000e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
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tblVehicleEF	OBUS	8.9800e-004	1.7900e-004

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tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	1.0930e-003	1.2060e-003
tblVehicleEF	OBUS	0.03	0.01
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tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	7.5700e-004	8.4700e-004
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tblVehicleEF	SBUS	9.3400e-004	9.3500e-004
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tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
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tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7400e-004	7.5000e-005

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tblVehicleEF	SBUS	7.5400e-004	7.6400e-004
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tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.32	0.05
tblVehicleEF	SBUS	9.9980e-003	3.1920e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
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tblVehicleEF	SBUS	0.82	0.11
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tblVehicleEF	SBUS	1.1370e-003	1.1220e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	1.0880e-003	1.0730e-003
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.37	0.05
tblVehicleEF	SBUS	9.1250e-003	3.1790e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7800e-004	7.6000e-005
tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.66	0.73
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.41	0.06

tblVehicleEF	UBUS	1.38	4.0800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.87	0.03
tblVehicleEF	UBUS	7.97	0.71
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.44
tblVehicleEF	UBUS	2.69	0.02
tblVehicleEF	UBUS	12.78	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	0.21	1.3700e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.71	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4690e-003	7.4000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004

tblVehicleEF	UBUS	1.62	1.9990e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.78	0.05
tblVehicleEF	UBUS	1.38	4.1800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.88	0.03
tblVehicleEF	UBUS	7.00	0.63
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.30
tblVehicleEF	UBUS	2.53	0.02
tblVehicleEF	UBUS	12.72	0.08
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	0.21	1.3980e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	8.2440e-003	1.1850e-003
tblVehicleEF	UBUS	1.4510e-003	7.2000e-005

tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	1.62	2.0400e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	1.38	4.0500e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.86	0.03
tblVehicleEF	UBUS	8.16	0.73
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.47
tblVehicleEF	UBUS	2.64	0.02
tblVehicleEF	UBUS	12.79	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	0.21	1.3630e-003
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.73	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4720e-003	7.4000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	1.62	1.9890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.80	0.06
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	16.30	100.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00

tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	11.75
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29
tblVehicleTrips	WD_TR	6.65	2.99
tblVehicleTrips	WD_TR	11.03	6.57
tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	48,865,519.22	63,540,945.00
tblWater	IndoorWaterUseRate	8,531,219.90	8,133,240.96
tblWater	IndoorWaterUseRate	5,441,169.25	15,588,711.84
tblWater	IndoorWaterUseRate	1,259,232.87	2,880,522.84
tblWater	OutdoorWaterUseRate	30,806,522.98	0.00
tblWater	OutdoorWaterUseRate	5,228,812.20	0.00
tblWater	OutdoorWaterUseRate	3,334,910.19	0.00
tblWater	OutdoorWaterUseRate	771,787.89	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	37.50	0.00
tblWoodstoves	NumberNoncatalytic	37.50	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.7005	14.1751	84.7869	0.3059	38.3491	0.1884	38.5375	10.2264	0.1760	10.4023		33,493.3298	33,493.3298	0.8384		33,514.2893
Unmitigated	6.7005	14.1751	84.7869	0.3059	38.3491	0.1884	38.5375	10.2264	0.1760	10.4023		33,493.3298	33,493.3298	0.8384		33,514.2893

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,242.50	2,242.50	2,242.50	9,591,173	9,591,173
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	315.36	71.52	22.56	1,020,908	1,020,908
Other Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	1,193.24	377.20	563.04	4,219,835	4,219,835
Regional Shopping Center	404.26	494.02	225.93	1,674,904	1,674,904
Total	4,155.36	3,185.24	3,054.03	16,506,819	16,506,819

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	11.75	5.90	8.70	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	11.75	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	11.75	8.40	6.90	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	11.75	8.40	6.90	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	11.75	8.40	6.90	100.00	0.00	0.00	100	0	0
Regional Shopping Center	11.75	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474
Enclosed Parking with Elevator	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
General Office Building	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Recreational Swimming Pool	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Regional Shopping Center	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.3596	3.1077	1.5645	0.0196		0.2484	0.2484		0.2484	0.2484		0	3,922.465	0.0752	0.0719	3,945.774
NaturalGas Unmitigated	0.3596	3.1077	1.5645	0.0196		0.2484	0.2484		0.2484	0.2484		0	3,922.465	0.0752	0.0719	3,945.774

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	27382.3	0.2953	2.5235	1.0738	0.0161		0.2040	0.2040		0.2040	0.2040		3,221.4464	3,221.4464	0.0617	0.0591	3,240.5899
Enclosed Parking with Elevator	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
General Office Building	1355.84	0.0146	0.1329	0.1117	8.0000e-004		0.0101	0.0101		0.0101	0.0101		159.5101	159.5101	3.0600e-003	2.9200e-003	160.4580
Other Asphalt Surfaces	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
Recreational Swimming Pool	4526.9	0.0488	0.4438	0.3728	2.6600e-003		0.0337	0.0337		0.0337	0.0337		532.5770	532.5770	0.0102	9.7600e-003	535.7418
Regional Shopping Center	75.9178	8.2000e-004	7.4400e-003	6.2500e-003	4.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004		8.9315	8.9315	1.7000e-004	1.6000e-004	8.9846
Total		0.3596	3.1077	1.5645	0.0196		0.2484	0.2484		0.2484	0.2484		3,922.4649	3,922.4649	0.0752	0.0719	3,945.7742

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	27.3823	0.2953	2.5235	1.0738	0.0161		0.2040	0.2040		0.2040	0.2040		3,221.4464	3,221.4464	0.0617	0.0591	3,240.5899
Enclosed Parking with Elevator	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
General Office Building	1.35584	0.0146	0.1329	0.1117	8.0000e-004		0.0101	0.0101		0.0101	0.0101		159.5101	159.5101	3.0600e-003	2.9200e-003	160.4580
Other Asphalt Surfaces	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
Recreational Swimming Pool	4.5269	0.0488	0.4438	0.3728	2.6600e-003		0.0337	0.0337		0.0337	0.0337		532.5770	532.5770	0.0102	9.7600e-003	535.7418
Regional Shopping Center	0.0759178	8.2000e-004	7.4400e-003	6.2500e-003	4.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004		8.9315	8.9315	1.7000e-004	1.6000e-004	8.9846
Total		0.3596	3.1077	1.5645	0.0196		0.2484	0.2484		0.2484	0.2484		3,922.4649	3,922.4649	0.0752	0.0719	3,945.774

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	32.8777	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434	0.0000	111.5607	111.5607	0.1065	0.0000	114.2239
Unmitigated	32.8777	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434	0.0000	111.5607	111.5607	0.1065	0.0000	114.2239

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0380					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.9876					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	1.8521	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434		111.5607	111.5607	0.1065		114.2239
Total	32.8777	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434	0.0000	111.5607	111.5607	0.1065	0.0000	114.2239

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0380					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.9876					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	1.8521	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434		111.5607	111.5607	0.1065		114.2239
Total	32.8777	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434	0.0000	111.5607	111.5607	0.1065	0.0000	114.2239

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

New Proposed - Los Angeles-South Coast County, Winter

**New Proposed
Los Angeles-South Coast County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	48.00	1000sqft	1.10	48,000.00	0
Enclosed Parking with Elevator	510.00	Space	4.68	204,000.00	0
Other Asphalt Surfaces	2.28	Acre	2.28	99,186.12	0
Recreational Swimming Pool	92.00	1000sqft	2.11	92,000.00	0
Apartments Mid Rise	750.00	Dwelling Unit	3.82	1,301,597.00	2145
Regional Shopping Center	17.00	1000sqft	0.39	17,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2033
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	326.05	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - See assumptions file.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Water Mitigation -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - See assumptions file.

Vehicle Emission Factors - See assumptions file.

Vehicle Emission Factors - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	78500	2805
tblAreaCoating	Area_Nonresidential_Interior	235500	8415
tblAreaCoating	Area_Parking	18191	12240
tblAreaCoating	Area_Residential_Exterior	878580	790720
tblAreaCoating	Area_Residential_Interior	2635740	2372161
tblEnergyUse	LightingElect	0.00	3.10
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	252.63	226.86
tblEnergyUse	T24E	3.92	3.52
tblEnergyUse	T24E	4.60	4.13
tblEnergyUse	T24E	0.00	2.02
tblEnergyUse	T24E	4.01	3.60
tblEnergyUse	T24NG	7,012.17	6,942.05

tblEnergyUse	T24NG	10.02	9.92
tblEnergyUse	T24NG	0.00	13.51
tblEnergyUse	T24NG	1.15	1.14
tblFireplaces	NumberGas	637.50	0.00
tblFireplaces	NumberNoFireplace	75.00	750.00
tblFireplaces	NumberWood	37.50	0.00
tblFleetMix	HHD	0.04	0.01
tblFleetMix	LDA	0.54	0.56
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.22
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	6.4170e-003	3.7682e-003
tblFleetMix	MCY	5.3130e-003	5.5401e-003
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	8.0700e-004	4.7388e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.6760e-003	1.5714e-003
tblFleetMix	SBUS	7.2800e-004	4.2749e-004
tblFleetMix	UBUS	1.6620e-003	9.7595e-004
tblLandUse	LandUseSquareFeet	99,316.80	99,186.12
tblLandUse	LandUseSquareFeet	750,000.00	1,301,597.00
tblLandUse	LotAcreage	4.59	4.68
tblLandUse	LotAcreage	19.74	3.82
tblProjectCharacteristics	CO2IntensityFactor	702.44	326.05
tblSolidWaste	SolidWasteGenerationRate	345.00	547.50
tblSolidWaste	SolidWasteGenerationRate	44.64	525.60
tblSolidWaste	SolidWasteGenerationRate	524.40	1,007.40

tblSolidWaste	SolidWasteGenerationRate	17.85	186.15
tblVehicleEF	HHD	0.36	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.45	6.76
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.73	8.4500e-003
tblVehicleEF	HHD	4,163.50	953.50
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.30	5.54
tblVehicleEF	HHD	1.81	2.48
tblVehicleEF	HHD	19.28	2.34
tblVehicleEF	HHD	3.0470e-003	2.2320e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.9150e-003	2.1350e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.37	0.45
tblVehicleEF	HHD	8.7000e-005	2.0000e-006

tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.8060e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0900e-004	2.0000e-006
tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.44	0.52
tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.34	0.03
tblVehicleEF	HHD	0.10	0.09
tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.05	6.67
tblVehicleEF	HHD	1.11	0.54
tblVehicleEF	HHD	3.54	8.0260e-003
tblVehicleEF	HHD	4,410.86	941.68
tblVehicleEF	HHD	1,518.98	1,155.06
tblVehicleEF	HHD	11.54	0.07
tblVehicleEF	HHD	12.70	5.27
tblVehicleEF	HHD	1.71	2.35
tblVehicleEF	HHD	19.27	2.34
tblVehicleEF	HHD	2.5680e-003	1.9700e-003
tblVehicleEF	HHD	0.06	0.06

tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	2.4570e-003	1.8850e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.9060e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
tblVehicleEF	HHD	4.5030e-003	8.6000e-005
tblVehicleEF	HHD	0.35	0.48
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.06	2.0000e-006
tblVehicleEF	HHD	0.04	8.6960e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7300e-004	1.0000e-006
tblVehicleEF	HHD	1.6200e-004	3.0000e-006
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tblVehicleEF	HHD	0.41	0.55
tblVehicleEF	HHD	1.1800e-004	2.0000e-006
tblVehicleEF	HHD	0.20	0.11
tblVehicleEF	HHD	3.5700e-004	3.9300e-004
tblVehicleEF	HHD	0.07	3.0000e-006
tblVehicleEF	HHD	0.39	0.02
tblVehicleEF	HHD	0.10	9.4100e-004

tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	2.00	6.74
tblVehicleEF	HHD	1.11	0.25
tblVehicleEF	HHD	3.77	8.5340e-003
tblVehicleEF	HHD	3,821.91	948.21
tblVehicleEF	HHD	1,518.98	1,096.02
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tblVehicleEF	HHD	11.75	5.77
tblVehicleEF	HHD	1.78	2.42
tblVehicleEF	HHD	19.28	2.34
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tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.04	0.03
tblVehicleEF	HHD	5.6300e-003	0.02
tblVehicleEF	HHD	1.3200e-004	1.0000e-006
tblVehicleEF	HHD	3.5470e-003	2.3740e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.8550e-003	8.7200e-003
tblVehicleEF	HHD	5.3860e-003	0.02
tblVehicleEF	HHD	1.2100e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
tblVehicleEF	HHD	4.5850e-003	8.8000e-005
tblVehicleEF	HHD	0.40	0.41
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	4.0900e-004	4.4900e-004
tblVehicleEF	HHD	0.06	2.0000e-006

tblVehicleEF	HHD	0.03	8.9580e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	1.7600e-004	1.0000e-006
tblVehicleEF	HHD	1.0200e-004	2.0000e-006
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tblVehicleEF	HHD	0.47	0.47
tblVehicleEF	HHD	8.3000e-005	2.0000e-006
tblVehicleEF	HHD	0.20	0.02
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tblVehicleEF	HHD	0.07	3.0000e-006
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tblVehicleEF	LDA	0.36	0.45
tblVehicleEF	LDA	0.50	1.49
tblVehicleEF	LDA	194.38	224.34
tblVehicleEF	LDA	39.45	43.42
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.6650e-003	3.5690e-003
tblVehicleEF	LDA	0.03	0.16

tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	1.9450e-003	2.0390e-003
tblVehicleEF	LDA	4.0200e-004	3.9400e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.2360e-003	5.2040e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	2.4030e-003	1.1550e-003
tblVehicleEF	LDA	1.3830e-003	0.02
tblVehicleEF	LDA	0.39	0.50
tblVehicleEF	LDA	0.42	1.28
tblVehicleEF	LDA	203.46	234.14
tblVehicleEF	LDA	39.45	43.02
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	6.0290e-003	3.7840e-003
tblVehicleEF	LDA	0.03	0.14
tblVehicleEF	LDA	0.02	0.09

tblVehicleEF	LDA	2.0360e-003	2.1280e-003
tblVehicleEF	LDA	4.0100e-004	3.9100e-004
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7670e-003	5.5200e-003
tblVehicleEF	LDA	0.03	0.15
tblVehicleEF	LDA	0.02	0.09
tblVehicleEF	LDA	2.2080e-003	1.0540e-003
tblVehicleEF	LDA	1.5860e-003	0.02
tblVehicleEF	LDA	0.34	0.44
tblVehicleEF	LDA	0.51	1.54
tblVehicleEF	LDA	191.06	220.72
tblVehicleEF	LDA	39.45	43.51
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.02	0.11
tblVehicleEF	LDA	1.2180e-003	9.7600e-004
tblVehicleEF	LDA	1.5070e-003	1.0770e-003
tblVehicleEF	LDA	1.1210e-003	8.9800e-004
tblVehicleEF	LDA	1.3860e-003	9.9000e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.5470e-003	3.4970e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.10
tblVehicleEF	LDA	1.9120e-003	2.0060e-003

tblVehicleEF	LDA	4.0200e-004	3.9500e-004
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.06	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	8.0650e-003	5.1000e-003
tblVehicleEF	LDA	0.03	0.18
tblVehicleEF	LDA	0.02	0.11
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tblVehicleEF	LDT1	3.6300e-003	0.03
tblVehicleEF	LDT1	0.62	0.60
tblVehicleEF	LDT1	0.91	1.61
tblVehicleEF	LDT1	255.37	271.33
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tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.01	7.6070e-003
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.12
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tblVehicleEF	LDT1	5.3100e-004	4.8000e-004

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tblVehicleEF	LDT1	0.11	0.08
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.08	0.30
tblVehicleEF	LDT1	0.05	0.14
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tblVehicleEF	LDT1	0.77	1.38
tblVehicleEF	LDT1	266.74	281.43
tblVehicleEF	LDT1	51.58	52.39
tblVehicleEF	LDT1	0.04	0.03
tblVehicleEF	LDT1	0.04	0.12
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tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.01	8.0550e-003
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.04	0.11
tblVehicleEF	LDT1	2.6740e-003	2.5570e-003
tblVehicleEF	LDT1	5.2800e-004	4.7600e-004
tblVehicleEF	LDT1	0.08	0.07

tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.07	0.28
tblVehicleEF	LDT1	0.05	0.12
tblVehicleEF	LDT1	4.7090e-003	1.9450e-003
tblVehicleEF	LDT1	3.7130e-003	0.03
tblVehicleEF	LDT1	0.60	0.58
tblVehicleEF	LDT1	0.93	1.66
tblVehicleEF	LDT1	251.20	267.60
tblVehicleEF	LDT1	51.58	52.93
tblVehicleEF	LDT1	0.05	0.03
tblVehicleEF	LDT1	0.05	0.14
tblVehicleEF	LDT1	1.7070e-003	1.1840e-003
tblVehicleEF	LDT1	1.9280e-003	1.2670e-003
tblVehicleEF	LDT1	1.5700e-003	1.0880e-003
tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.01	7.4590e-003
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.13
tblVehicleEF	LDT1	2.5170e-003	2.4310e-003
tblVehicleEF	LDT1	5.3100e-004	4.8100e-004
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09

tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.09	0.36
tblVehicleEF	LDT1	0.05	0.14
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tblVehicleEF	LDT2	0.69	1.96
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tblVehicleEF	LDT2	56.69	53.12
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.5230e-003	7.1120e-003
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.8220e-003	2.4740e-003
tblVehicleEF	LDT2	5.7800e-004	4.8300e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.03	0.05

tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.26
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LDT2	3.6410e-003	2.0380e-003
tblVehicleEF	LDT2	1.9920e-003	0.03
tblVehicleEF	LDT2	0.58	0.66
tblVehicleEF	LDT2	0.60	1.68
tblVehicleEF	LDT2	294.56	281.38
tblVehicleEF	LDT2	56.69	52.59
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
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tblVehicleEF	LDT2	0.03	0.12
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tblVehicleEF	LDT2	5.7600e-004	4.7800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.01	0.01

tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	3.3570e-003	1.8690e-003
tblVehicleEF	LDT2	2.2530e-003	0.03
tblVehicleEF	LDT2	0.51	0.58
tblVehicleEF	LDT2	0.70	2.03
tblVehicleEF	LDT2	277.28	268.79
tblVehicleEF	LDT2	56.69	53.25
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.04	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.3500e-003	6.9760e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.7760e-003	2.4430e-003
tblVehicleEF	LDT2	5.7800e-004	4.8400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.31

tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LHD1	3.2450e-003	3.7380e-003
tblVehicleEF	LHD1	2.8770e-003	1.9460e-003
tblVehicleEF	LHD1	6.8360e-003	6.8950e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.25	0.77
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.03
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.47	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27

tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7460e-003
tblVehicleEF	LHD1	2.9060e-003	1.9640e-003
tblVehicleEF	LHD1	6.5820e-003	6.6630e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.19	0.74
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	8.97
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.14
tblVehicleEF	LHD1	0.45	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004

tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
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tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
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tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7370e-003
tblVehicleEF	LHD1	2.8690e-003	1.9400e-003
tblVehicleEF	LHD1	6.8860e-003	6.9460e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.26	0.78

tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.04
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.48	0.19
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
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tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.02	0.02

tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD2	2.4390e-003	2.5250e-003
tblVehicleEF	LHD2	1.9310e-003	1.9850e-003
tblVehicleEF	LHD2	2.7180e-003	4.3850e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.50
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
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tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
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tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01

tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5300e-003
tblVehicleEF	LHD2	1.9420e-003	1.9950e-003
tblVehicleEF	LHD2	2.6710e-003	4.2380e-003
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tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.81	0.46
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.47
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.20
tblVehicleEF	LHD2	0.23	0.11
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
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tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5240e-003
tblVehicleEF	LHD2	1.9280e-003	1.9820e-003
tblVehicleEF	LHD2	2.7280e-003	4.4170e-003

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tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
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tblVehicleEF	LHD2	21.94	6.51
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
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tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3400e-004	6.4000e-005

tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.04	0.04
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tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	17.87	17.90
tblVehicleEF	MCY	9.83	8.72
tblVehicleEF	MCY	192.71	224.98
tblVehicleEF	MCY	41.76	57.18
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	2.57	2.57
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	1.96	1.74
tblVehicleEF	MCY	2.2990e-003	2.2260e-003
tblVehicleEF	MCY	6.3600e-004	5.6600e-004

tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	3.22	3.23
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	2.14	1.90
tblVehicleEF	MCY	0.55	0.37
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	17.28	17.29
tblVehicleEF	MCY	8.92	7.89
tblVehicleEF	MCY	192.71	223.83
tblVehicleEF	MCY	41.76	55.25
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	2.52	2.52
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.77	1.56
tblVehicleEF	MCY	2.2880e-003	2.2150e-003
tblVehicleEF	MCY	6.1500e-004	5.4700e-004
tblVehicleEF	MCY	1.71	1.71

tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	3.17	3.17
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.96	18.02
tblVehicleEF	MCY	10.00	8.89
tblVehicleEF	MCY	192.71	225.21
tblVehicleEF	MCY	41.76	57.57
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.3000e-003	2.2290e-003
tblVehicleEF	MCY	6.4000e-004	5.7000e-004
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75

tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	3.24	3.24
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.18	1.94
tblVehicleEF	MDV	5.2160e-003	2.0250e-003
tblVehicleEF	MDV	4.1990e-003	0.03
tblVehicleEF	MDV	0.67	0.60
tblVehicleEF	MDV	1.00	1.98
tblVehicleEF	MDV	378.68	331.57
tblVehicleEF	MDV	74.82	63.29
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.14
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.6990e-003
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7870e-003	3.0160e-003
tblVehicleEF	MDV	7.6400e-004	5.7500e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06

tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MDV	5.5400e-003	2.1620e-003
tblVehicleEF	MDV	3.7620e-003	0.03
tblVehicleEF	MDV	0.73	0.66
tblVehicleEF	MDV	0.87	1.69
tblVehicleEF	MDV	395.18	340.71
tblVehicleEF	MDV	74.82	62.75
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.06	0.13
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.01	8.1430e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.05	0.13
tblVehicleEF	MDV	3.9520e-003	3.0990e-003
tblVehicleEF	MDV	7.6200e-004	5.7000e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.02	0.01

tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.06	0.14
tblVehicleEF	MDV	5.1110e-003	1.9820e-003
tblVehicleEF	MDV	4.2910e-003	0.03
tblVehicleEF	MDV	0.64	0.58
tblVehicleEF	MDV	1.03	2.05
tblVehicleEF	MDV	372.61	328.19
tblVehicleEF	MDV	74.82	63.41
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.15
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.5520e-003
tblVehicleEF	MDV	0.08	0.31
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7260e-003	2.9850e-003
tblVehicleEF	MDV	7.6500e-004	5.7600e-004
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.08	0.32

tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MH	4.9780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.28	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.62	2.47
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2400e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.03	0.06

tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	5.0780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.28	0.17
tblVehicleEF	MH	3.09	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.57	2.33
tblVehicleEF	MH	0.52	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2100e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00

tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	4.9510e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.31	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.60	2.42
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2500e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00

tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.21	0.00
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tblVehicleEF	MHD	0.03	8.6760e-003
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tblVehicleEF	MHD	0.20	0.11
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tblVehicleEF	MHD	1,118.54	879.13
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tblVehicleEF	MHD	0.67	1.07
tblVehicleEF	MHD	10.47	1.66
tblVehicleEF	MHD	3.9000e-005	9.8000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
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tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.03	8.4860e-003

tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.3200e-003	5.2500e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2000e-004	8.7000e-005
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.22	0.05
tblVehicleEF	MHD	0.02	3.7710e-003
tblVehicleEF	MHD	2.1040e-003	8.1200e-004
tblVehicleEF	MHD	0.03	8.3760e-003
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tblVehicleEF	MHD	0.20	0.11
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tblVehicleEF	MHD	1,118.54	879.13
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tblVehicleEF	MHD	3.3000e-005	8.6000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
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tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.03	8.5290e-003
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.20	0.04
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tblVehicleEF	MHD	0.01	8.3980e-003
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.22	0.04
tblVehicleEF	MHD	0.02	4.2500e-003
tblVehicleEF	MHD	2.0860e-003	7.9500e-004
tblVehicleEF	MHD	0.03	8.7240e-003
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tblVehicleEF	MHD	0.20	0.11
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tblVehicleEF	MHD	10.47	1.67
tblVehicleEF	MHD	4.7000e-005	1.1600e-004
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
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tblVehicleEF	MHD	4.5000e-005	1.1100e-004
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tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	5.1100e-004	2.6200e-004
tblVehicleEF	MHD	0.03	8.4730e-003
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tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2100e-004	8.7000e-005
tblVehicleEF	MHD	6.5300e-004	3.3700e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.04	0.03
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tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08

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tblVehicleEF	OBUS	0.25	0.69
tblVehicleEF	OBUS	0.26	0.23
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tblVehicleEF	OBUS	1,223.90	1,131.18
tblVehicleEF	OBUS	65.16	15.22
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tblVehicleEF	OBUS	2.58	0.96
tblVehicleEF	OBUS	2.3000e-005	1.4600e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	2.2000e-005	1.4000e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
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tblVehicleEF	OBUS	0.03	0.06
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tblVehicleEF	OBUS	0.03	0.01
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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
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tblVehicleEF	OBUS	0.28	0.10
tblVehicleEF	OBUS	0.01	8.0710e-003
tblVehicleEF	OBUS	3.3260e-003	1.9600e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.68
tblVehicleEF	OBUS	0.26	0.24
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tblVehicleEF	OBUS	1,223.90	1,131.19
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tblVehicleEF	OBUS	2.55	0.95
tblVehicleEF	OBUS	1.9000e-005	1.3000e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	1.8000e-005	1.2400e-004
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tblVehicleEF	OBUS	8.9800e-004	1.7900e-004

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tblVehicleEF	OBUS	0.03	0.06
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tblVehicleEF	OBUS	1.3430e-003	1.5590e-003
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tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
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tblVehicleEF	SBUS	2.7150e-003	9.9700e-004
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tblVehicleEF	SBUS	7.5400e-004	7.6400e-004
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tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.32	0.05
tblVehicleEF	SBUS	9.9980e-003	3.1920e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.5400e-004	7.1000e-005
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tblVehicleEF	SBUS	1.65	0.73
tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.35	0.05
tblVehicleEF	SBUS	0.82	0.11
tblVehicleEF	SBUS	4.2970e-003	2.8440e-003
tblVehicleEF	SBUS	0.05	9.4030e-003
tblVehicleEF	SBUS	9.61	4.46
tblVehicleEF	SBUS	0.29	0.26
tblVehicleEF	SBUS	6.67	1.22
tblVehicleEF	SBUS	920.90	331.47
tblVehicleEF	SBUS	1,003.97	926.50
tblVehicleEF	SBUS	66.19	7.65
tblVehicleEF	SBUS	2.87	1.77

tblVehicleEF	SBUS	1.22	1.81
tblVehicleEF	SBUS	9.87	1.52
tblVehicleEF	SBUS	1.1370e-003	1.1220e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	1.0880e-003	1.0730e-003
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.37	0.05
tblVehicleEF	SBUS	9.1250e-003	3.1790e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7800e-004	7.6000e-005
tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.66	0.73
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.41	0.06

tblVehicleEF	UBUS	1.38	4.0800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.87	0.03
tblVehicleEF	UBUS	7.97	0.71
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.44
tblVehicleEF	UBUS	2.69	0.02
tblVehicleEF	UBUS	12.78	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	0.21	1.3700e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.71	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4690e-003	7.4000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004

tblVehicleEF	UBUS	1.62	1.9990e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.78	0.05
tblVehicleEF	UBUS	1.38	4.1800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.88	0.03
tblVehicleEF	UBUS	7.00	0.63
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.30
tblVehicleEF	UBUS	2.53	0.02
tblVehicleEF	UBUS	12.72	0.08
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	0.21	1.3980e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	8.2440e-003	1.1850e-003
tblVehicleEF	UBUS	1.4510e-003	7.2000e-005

tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	1.62	2.0400e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	1.38	4.0500e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.86	0.03
tblVehicleEF	UBUS	8.16	0.73
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.47
tblVehicleEF	UBUS	2.64	0.02
tblVehicleEF	UBUS	12.79	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	0.21	1.3630e-003
tblVehicleEF	UBUS	0.02	0.06

tblVehicleEF	UBUS	0.73	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4720e-003	7.4000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	1.62	1.9890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.80	0.06
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	16.30	100.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00

tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	11.75
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29
tblVehicleTrips	WD_TR	6.65	2.99
tblVehicleTrips	WD_TR	11.03	6.57
tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce nt	2.21	0.00
tblWater	IndoorWaterUseRate	48,865,519.22	63,540,945.00
tblWater	IndoorWaterUseRate	8,531,219.90	8,133,240.96
tblWater	IndoorWaterUseRate	5,441,169.25	15,588,711.84
tblWater	IndoorWaterUseRate	1,259,232.87	2,880,522.84
tblWater	OutdoorWaterUseRate	30,806,522.98	0.00
tblWater	OutdoorWaterUseRate	5,228,812.20	0.00
tblWater	OutdoorWaterUseRate	3,334,910.19	0.00
tblWater	OutdoorWaterUseRate	771,787.89	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	37.50	0.00
tblWoodstoves	NumberNoncatalytic	37.50	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.9101	14.9586	80.2478	0.2938	38.3442	0.1884	38.5325	10.2246	0.1759	10.4005		32,011.1492	32,011.1492	0.6447		32,027.2660
Unmitigated	6.9101	14.9586	80.2478	0.2938	38.3442	0.1884	38.5325	10.2246	0.1759	10.4005		32,011.1492	32,011.1492	0.6447		32,027.2660

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,242.50	2,242.50	2,242.50	9,591,173	9,591,173
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	315.36	71.52	22.56	1,020,908	1,020,908
Other Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	1,193.24	377.20	563.04	4,219,835	4,219,835
Regional Shopping Center	404.26	494.02	225.93	1,674,904	1,674,904
Total	4,155.36	3,185.24	3,054.03	16,506,819	16,506,819

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	11.75	5.90	8.70	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	11.75	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	11.75	8.40	6.90	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	11.75	8.40	6.90	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	11.75	8.40	6.90	100.00	0.00	0.00	100	0	0
Regional Shopping Center	11.75	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474
Enclosed Parking with Elevator	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
General Office Building	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Recreational Swimming Pool	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Regional Shopping Center	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	lb/day										lb/day					
NaturalGas Mitigated	0.3596	3.1077	1.5645	0.0196		0.2484	0.2484		0.2484	0.2484		3,922.4650	3,922.4650	0.0752	0.0719	3,945.7742
NaturalGas Unmitigated	0.3596	3.1077	1.5645	0.0196		0.2484	0.2484		0.2484	0.2484		3,922.4650	3,922.4650	0.0752	0.0719	3,945.7742

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	27382.3	0.2953	2.5235	1.0738	0.0161		0.2040	0.2040		0.2040	0.2040		3,221.4464	3,221.4464	0.0617	0.0591	3,240.5899
Enclosed Parking with Elevator	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
General Office Building	1355.84	0.0146	0.1329	0.1117	8.0000e-004		0.0101	0.0101		0.0101	0.0101		159.5101	159.5101	3.0600e-003	2.9200e-003	160.4580
Other Asphalt Surfaces	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
Recreational Swimming Pool	4526.9	0.0488	0.4438	0.3728	2.6600e-003		0.0337	0.0337		0.0337	0.0337		532.5770	532.5770	0.0102	9.7600e-003	535.7418
Regional Shopping Center	75.9178	8.2000e-004	7.4400e-003	6.2500e-003	4.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004		8.9315	8.9315	1.7000e-004	1.6000e-004	8.9846
Total		0.3596	3.1077	1.5645	0.0196		0.2484	0.2484		0.2484	0.2484		3,922.4649	3,922.464	0.0752	0.0719	3,945.774

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	27.3823	0.2953	2.5235	1.0738	0.0161		0.2040	0.2040		0.2040	0.2040		3,221.4464	3,221.4464	0.0617	0.0591	3,240.5899
Enclosed Parking with Elevator	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
General Office Building	1.35584	0.0146	0.1329	0.1117	8.0000e-004		0.0101	0.0101		0.0101	0.0101		159.5101	159.5101	3.0600e-003	2.9200e-003	160.4580
Other Asphalt Surfaces	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
Recreational Swimming Pool	4.5269	0.0488	0.4438	0.3728	2.6600e-003		0.0337	0.0337		0.0337	0.0337		532.5770	532.5770	0.0102	9.7600e-003	535.7418
Regional Shopping Center	0.0759178	8.2000e-004	7.4400e-003	6.2500e-003	4.0000e-005		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004		8.9315	8.9315	1.7000e-004	1.6000e-004	8.9846
Total		0.3596	3.1077	1.5645	0.0196		0.2484	0.2484		0.2484	0.2484		3,922.4649	3,922.4649	0.0752	0.0719	3,945.7742

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	32.8777	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434	0.0000	111.5607	111.5607	0.1065	0.0000	114.2239
Unmitigated	32.8777	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434	0.0000	111.5607	111.5607	0.1065	0.0000	114.2239

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0380					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.9876					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	1.8521	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434		111.5607	111.5607	0.1065		114.2239
Total	32.8777	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434	0.0000	111.5607	111.5607	0.1065	0.0000	114.2239

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0380					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.9876					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	1.8521	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434		111.5607	111.5607	0.1065		114.2239
Total	32.8777	0.7120	61.7804	3.2700e-003		0.3434	0.3434		0.3434	0.3434	0.0000	111.5607	111.5607	0.1065	0.0000	114.2239

7.0 Water Detail

7.1 Mitigation Measures Water

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

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

New Proposed - Los Angeles-South Coast County, Annual

**New Proposed
Los Angeles-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	48.00	1000sqft	1.10	48,000.00	0
Enclosed Parking with Elevator	510.00	Space	4.68	204,000.00	0
Other Asphalt Surfaces	2.28	Acre	2.28	99,186.12	0
Recreational Swimming Pool	92.00	1000sqft	2.11	92,000.00	0
Apartments Mid Rise	750.00	Dwelling Unit	3.82	1,301,597.00	2145
Regional Shopping Center	17.00	1000sqft	0.39	17,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	9			Operational Year	2033
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	326.05	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See assumptions file.

Land Use - See assumptions file.

Construction Phase -

Woodstoves - See assumptions file.

Area Coating - See assumptions file.

Energy Use - See assumptions file.

Water And Wastewater - See assumptions file.

Solid Waste - See assumptions file.

Water Mitigation -

Vehicle Trips - See assumptions file.

Vehicle Emission Factors - See assumptions file.

Vehicle Emission Factors - See assumptions file.

Vehicle Emission Factors - See assumptions file.

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	78500	2805
tblAreaCoating	Area_Nonresidential_Interior	235500	8415
tblAreaCoating	Area_Parking	18191	12240
tblAreaCoating	Area_Residential_Exterior	878580	790720
tblAreaCoating	Area_Residential_Interior	2635740	2372161
tblEnergyUse	LightingElect	0.00	3.10
tblEnergyUse	NT24E	0.00	5.75
tblEnergyUse	NT24NG	0.00	4.45
tblEnergyUse	T24E	252.63	226.86
tblEnergyUse	T24E	3.92	3.52
tblEnergyUse	T24E	4.60	4.13
tblEnergyUse	T24E	0.00	2.02
tblEnergyUse	T24E	4.01	3.60

tblEnergyUse	T24NG	7,012.17	6,942.05
tblEnergyUse	T24NG	10.02	9.92
tblEnergyUse	T24NG	0.00	13.51
tblEnergyUse	T24NG	1.15	1.14
tblFireplaces	NumberGas	637.50	0.00
tblFireplaces	NumberNoFireplace	75.00	750.00
tblFireplaces	NumberWood	37.50	0.00
tblFleetMix	HHD	0.04	0.01
tblFleetMix	LDA	0.54	0.56
tblFleetMix	LDT1	0.04	0.05
tblFleetMix	LDT2	0.21	0.22
tblFleetMix	LHD1	0.01	0.01
tblFleetMix	LHD2	6.4170e-003	3.7682e-003
tblFleetMix	MCY	5.3130e-003	5.5401e-003
tblFleetMix	MDV	0.12	0.12
tblFleetMix	MH	8.0700e-004	4.7388e-004
tblFleetMix	MHD	0.02	0.01
tblFleetMix	OBUS	2.6760e-003	1.5714e-003
tblFleetMix	SBUS	7.2800e-004	4.2749e-004
tblFleetMix	UBUS	1.6620e-003	9.7595e-004
tblLandUse	LandUseSquareFeet	99,316.80	99,186.12
tblLandUse	LandUseSquareFeet	750,000.00	1,301,597.00
tblLandUse	LotAcreage	4.59	4.68
tblLandUse	LotAcreage	19.74	3.82
tblProjectCharacteristics	CO2IntensityFactor	702.44	326.05
tblSolidWaste	SolidWasteGenerationRate	345.00	547.50
tblSolidWaste	SolidWasteGenerationRate	44.64	525.60

tblSolidWaste	SolidWasteGenerationRate	524.40	1,007.40
tblSolidWaste	SolidWasteGenerationRate	17.85	186.15
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tblVehicleEF	HHD	0.05	0.00
tblVehicleEF	HHD	1.45	6.76
tblVehicleEF	HHD	1.11	0.54
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tblVehicleEF	HHD	12.30	5.54
tblVehicleEF	HHD	1.81	2.48
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tblVehicleEF	HHD	1.2100e-004	1.0000e-006
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tblVehicleEF	HHD	4.4020e-003	8.4000e-005
tblVehicleEF	HHD	0.37	0.45

tblVehicleEF	HHD	8.7000e-005	2.0000e-006
tblVehicleEF	HHD	0.09	0.02
tblVehicleEF	HHD	3.7200e-004	4.0900e-004
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tblVehicleEF	HHD	8.8550e-003	8.9060e-003
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tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	5.6650e-003	3.5690e-003

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tblVehicleEF	LDA	0.05	0.06
tblVehicleEF	LDA	0.02	0.03
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tblVehicleEF	LDA	0.06	0.06
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tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.06	0.07
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.07	0.28
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tblVehicleEF	LDT1	1.7720e-003	1.1650e-003
tblVehicleEF	LDT1	0.05	0.05
tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
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tblVehicleEF	LDT1	0.05	0.05

tblVehicleEF	LDT1	0.12	0.09
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	0.02	0.01
tblVehicleEF	LDT1	0.09	0.36
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tblVehicleEF	LDT2	0.03	0.14
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tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
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tblVehicleEF	LDT2	0.05	0.07
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tblVehicleEF	LDT2	0.05	0.07

tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01
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tblVehicleEF	LDT2	0.03	0.13
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tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
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tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	9.0530e-003	7.5260e-003
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.12
tblVehicleEF	LDT2	2.9490e-003	2.5570e-003
tblVehicleEF	LDT2	5.7600e-004	4.7800e-004
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.04	0.07

tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.04	0.24
tblVehicleEF	LDT2	0.03	0.13
tblVehicleEF	LDT2	3.3570e-003	1.8690e-003
tblVehicleEF	LDT2	2.2530e-003	0.03
tblVehicleEF	LDT2	0.51	0.58
tblVehicleEF	LDT2	0.70	2.03
tblVehicleEF	LDT2	277.28	268.79
tblVehicleEF	LDT2	56.69	53.25
tblVehicleEF	LDT2	0.04	0.03
tblVehicleEF	LDT2	0.04	0.14
tblVehicleEF	LDT2	1.4470e-003	1.1090e-003
tblVehicleEF	LDT2	1.7220e-003	1.1400e-003
tblVehicleEF	LDT2	1.3310e-003	1.0210e-003
tblVehicleEF	LDT2	1.5840e-003	1.0480e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	8.3500e-003	6.9760e-003
tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.14
tblVehicleEF	LDT2	2.7760e-003	2.4430e-003
tblVehicleEF	LDT2	5.7800e-004	4.8400e-004
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.01	0.01

tblVehicleEF	LDT2	0.05	0.31
tblVehicleEF	LDT2	0.03	0.15
tblVehicleEF	LHD1	3.2450e-003	3.7380e-003
tblVehicleEF	LHD1	2.8770e-003	1.9460e-003
tblVehicleEF	LHD1	6.8360e-003	6.8950e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.25	0.77
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.03
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.47	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
tblVehicleEF	LHD1	5.7030e-003	4.0390e-003
tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03

tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
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tblVehicleEF	LHD1	1.4290e-003	1.2120e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.9000e-004	8.5900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7460e-003
tblVehicleEF	LHD1	2.9060e-003	1.9640e-003
tblVehicleEF	LHD1	6.5820e-003	6.6630e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20
tblVehicleEF	LHD1	1.19	0.74
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	8.97
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.25	0.14
tblVehicleEF	LHD1	0.45	0.18
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003

tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
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tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
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tblVehicleEF	LHD1	2.1310e-003	1.7840e-003
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3650e-003	1.1690e-003
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.15	0.27
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD1	3.2450e-003	3.7370e-003
tblVehicleEF	LHD1	2.8690e-003	1.9400e-003
tblVehicleEF	LHD1	6.8860e-003	6.9460e-003
tblVehicleEF	LHD1	0.13	0.17
tblVehicleEF	LHD1	0.25	0.20

tblVehicleEF	LHD1	1.26	0.78
tblVehicleEF	LHD1	8.94	7.98
tblVehicleEF	LHD1	541.33	547.84
tblVehicleEF	LHD1	23.20	9.04
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.27	0.15
tblVehicleEF	LHD1	0.48	0.19
tblVehicleEF	LHD1	7.6400e-004	1.0030e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	5.9780e-003	4.2450e-003
tblVehicleEF	LHD1	5.2000e-004	1.8500e-004
tblVehicleEF	LHD1	7.3100e-004	9.6000e-004
tblVehicleEF	LHD1	2.6530e-003	2.5120e-003
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tblVehicleEF	LHD1	4.7800e-004	1.7000e-004
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	8.8000e-005	7.7000e-005
tblVehicleEF	LHD1	5.2760e-003	5.3310e-003
tblVehicleEF	LHD1	2.5400e-004	8.9000e-005
tblVehicleEF	LHD1	1.4130e-003	1.1950e-003
tblVehicleEF	LHD1	0.06	0.04

tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	9.5100e-004	8.2600e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.17	0.30
tblVehicleEF	LHD1	0.10	0.03
tblVehicleEF	LHD2	2.4390e-003	2.5250e-003
tblVehicleEF	LHD2	1.9310e-003	1.9850e-003
tblVehicleEF	LHD2	2.7180e-003	4.3850e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.50
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
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tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	5.4900e-004	6.9000e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.2000e-004	5.2200e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5300e-003
tblVehicleEF	LHD2	1.9420e-003	1.9950e-003
tblVehicleEF	LHD2	2.6710e-003	4.2380e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.81	0.46
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.47
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.20
tblVehicleEF	LHD2	0.23	0.11

tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
tblVehicleEF	LHD2	2.7060e-003	2.7040e-003
tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
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tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003
tblVehicleEF	LHD2	2.3300e-004	6.4000e-005
tblVehicleEF	LHD2	8.1900e-004	1.0160e-003
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.7700e-004	7.0800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.03	0.12
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.4390e-003	2.5240e-003
tblVehicleEF	LHD2	1.9280e-003	1.9820e-003

tblVehicleEF	LHD2	2.7280e-003	4.4170e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.18	0.20
tblVehicleEF	LHD2	0.85	0.48
tblVehicleEF	LHD2	13.42	12.37
tblVehicleEF	LHD2	576.15	551.73
tblVehicleEF	LHD2	21.94	6.51
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.21
tblVehicleEF	LHD2	0.24	0.12
tblVehicleEF	LHD2	9.5900e-004	1.4550e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	6.0040e-003	9.3080e-003
tblVehicleEF	LHD2	3.7800e-004	1.0700e-004
tblVehicleEF	LHD2	9.1700e-004	1.3920e-003
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tblVehicleEF	LHD2	5.7310e-003	8.8920e-003
tblVehicleEF	LHD2	3.4700e-004	9.8000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	1.3100e-004	1.1800e-004
tblVehicleEF	LHD2	5.5990e-003	5.3220e-003

tblVehicleEF	LHD2	2.3400e-004	6.4000e-005
tblVehicleEF	LHD2	5.2500e-004	6.6100e-004
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0200e-004	4.9800e-004
tblVehicleEF	LHD2	0.04	0.04
tblVehicleEF	LHD2	0.04	0.13
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	17.87	17.90
tblVehicleEF	MCY	9.83	8.72
tblVehicleEF	MCY	192.71	224.98
tblVehicleEF	MCY	41.76	57.18
tblVehicleEF	MCY	1.13	1.13
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	2.57	2.57
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	1.96	1.74
tblVehicleEF	MCY	2.2990e-003	2.2260e-003

tblVehicleEF	MCY	6.3600e-004	5.6600e-004
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	0.58	0.60
tblVehicleEF	MCY	0.63	0.64
tblVehicleEF	MCY	3.22	3.23
tblVehicleEF	MCY	0.45	1.30
tblVehicleEF	MCY	2.14	1.90
tblVehicleEF	MCY	0.55	0.37
tblVehicleEF	MCY	0.13	0.20
tblVehicleEF	MCY	17.28	17.29
tblVehicleEF	MCY	8.92	7.89
tblVehicleEF	MCY	192.71	223.83
tblVehicleEF	MCY	41.76	55.25
tblVehicleEF	MCY	0.99	0.99
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	2.52	2.52
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.77	1.56
tblVehicleEF	MCY	2.2880e-003	2.2150e-003
tblVehicleEF	MCY	6.1500e-004	5.4700e-004

tblVehicleEF	MCY	1.71	1.71
tblVehicleEF	MCY	0.65	0.67
tblVehicleEF	MCY	1.02	1.01
tblVehicleEF	MCY	3.17	3.17
tblVehicleEF	MCY	0.42	1.20
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.56	0.38
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	17.96	18.02
tblVehicleEF	MCY	10.00	8.89
tblVehicleEF	MCY	192.71	225.21
tblVehicleEF	MCY	41.76	57.57
tblVehicleEF	MCY	1.10	1.10
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.7370e-003	2.7360e-003
tblVehicleEF	MCY	3.3000e-003	2.9000e-003
tblVehicleEF	MCY	2.5520e-003	2.5510e-003
tblVehicleEF	MCY	3.0800e-003	2.7070e-003
tblVehicleEF	MCY	1.15	1.17
tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	2.57	2.58
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.00	1.78
tblVehicleEF	MCY	2.3000e-003	2.2290e-003
tblVehicleEF	MCY	6.4000e-004	5.7000e-004
tblVehicleEF	MCY	1.15	1.17

tblVehicleEF	MCY	0.73	0.75
tblVehicleEF	MCY	0.60	0.61
tblVehicleEF	MCY	3.24	3.24
tblVehicleEF	MCY	0.54	1.54
tblVehicleEF	MCY	2.18	1.94
tblVehicleEF	MDV	5.2160e-003	2.0250e-003
tblVehicleEF	MDV	4.1990e-003	0.03
tblVehicleEF	MDV	0.67	0.60
tblVehicleEF	MDV	1.00	1.98
tblVehicleEF	MDV	378.68	331.57
tblVehicleEF	MDV	74.82	63.29
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.14
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.6990e-003
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7870e-003	3.0160e-003
tblVehicleEF	MDV	7.6400e-004	5.7500e-004
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.10	0.08

tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.27
tblVehicleEF	MDV	0.06	0.16
tblVehicleEF	MDV	5.5400e-003	2.1620e-003
tblVehicleEF	MDV	3.7620e-003	0.03
tblVehicleEF	MDV	0.73	0.66
tblVehicleEF	MDV	0.87	1.69
tblVehicleEF	MDV	395.18	340.71
tblVehicleEF	MDV	74.82	62.75
tblVehicleEF	MDV	0.05	0.03
tblVehicleEF	MDV	0.06	0.13
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.08
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.01	8.1430e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.05	0.13
tblVehicleEF	MDV	3.9520e-003	3.0990e-003
tblVehicleEF	MDV	7.6200e-004	5.7000e-004
tblVehicleEF	MDV	0.08	0.09
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.07	0.09

tblVehicleEF	MDV	0.02	0.01
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.06	0.14
tblVehicleEF	MDV	5.1110e-003	1.9820e-003
tblVehicleEF	MDV	4.2910e-003	0.03
tblVehicleEF	MDV	0.64	0.58
tblVehicleEF	MDV	1.03	2.05
tblVehicleEF	MDV	372.61	328.19
tblVehicleEF	MDV	74.82	63.41
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.07	0.15
tblVehicleEF	MDV	1.5270e-003	1.1080e-003
tblVehicleEF	MDV	1.7720e-003	1.1270e-003
tblVehicleEF	MDV	1.4060e-003	1.0210e-003
tblVehicleEF	MDV	1.6290e-003	1.0360e-003
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	7.5520e-003
tblVehicleEF	MDV	0.08	0.31
tblVehicleEF	MDV	0.06	0.15
tblVehicleEF	MDV	3.7260e-003	2.9850e-003
tblVehicleEF	MDV	7.6500e-004	5.7600e-004
tblVehicleEF	MDV	0.05	0.05
tblVehicleEF	MDV	0.10	0.09
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.02	0.01

tblVehicleEF	MDV	0.08	0.32
tblVehicleEF	MDV	0.06	0.16
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tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.28	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.62	2.47
tblVehicleEF	MH	0.55	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2400e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.20	0.00

tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.2040e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MH	5.0780e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.28	0.17
tblVehicleEF	MH	3.09	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.57	2.33
tblVehicleEF	MH	0.52	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	7.2570e-003	0.03
tblVehicleEF	MH	8.4100e-004	0.00
tblVehicleEF	MH	3.2160e-003	4.0000e-003
tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2100e-004	0.00
tblVehicleEF	MH	0.56	0.00
tblVehicleEF	MH	0.02	0.00

tblVehicleEF	MH	0.28	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.0740e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	4.9510e-003	2.4170e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.27	0.17
tblVehicleEF	MH	3.31	0.00
tblVehicleEF	MH	1,100.77	842.81
tblVehicleEF	MH	56.74	0.00
tblVehicleEF	MH	0.60	2.42
tblVehicleEF	MH	0.55	0.00
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tblVehicleEF	MH	6.9080e-003	0.03
tblVehicleEF	MH	7.7300e-004	0.00
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	0.01	7.9680e-003
tblVehicleEF	MH	6.2500e-004	0.00
tblVehicleEF	MH	0.38	0.00

tblVehicleEF	MH	0.03	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.03	0.06
tblVehicleEF	MH	5.5510e-003	0.00
tblVehicleEF	MH	0.21	0.00
tblVehicleEF	MHD	0.02	3.9670e-003
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tblVehicleEF	MHD	0.03	8.6760e-003
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tblVehicleEF	MHD	1,118.54	879.13
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tblVehicleEF	MHD	3.9000e-005	9.8000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003
tblVehicleEF	MHD	7.5200e-004	1.1100e-004
tblVehicleEF	MHD	3.7000e-005	9.4000e-005
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tblVehicleEF	MHD	6.8900e-004	3.5400e-004
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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.3500e-004	2.7400e-004

tblVehicleEF	MHD	0.03	8.4860e-003
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.21	0.04
tblVehicleEF	MHD	1.3200e-003	5.2500e-004
tblVehicleEF	MHD	0.01	8.3980e-003
tblVehicleEF	MHD	6.2000e-004	8.7000e-005
tblVehicleEF	MHD	6.8900e-004	3.5400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.3500e-004	2.7400e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.08
tblVehicleEF	MHD	0.22	0.05
tblVehicleEF	MHD	0.02	3.7710e-003
tblVehicleEF	MHD	2.1040e-003	8.1200e-004
tblVehicleEF	MHD	0.03	8.3760e-003
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tblVehicleEF	MHD	0.20	0.11
tblVehicleEF	MHD	3.00	0.80
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tblVehicleEF	MHD	1,118.54	879.13
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tblVehicleEF	MHD	3.3000e-005	8.6000e-005
tblVehicleEF	MHD	2.8050e-003	6.2850e-003

tblVehicleEF	MHD	7.5200e-004	1.1100e-004
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tblVehicleEF	MHD	2.6790e-003	6.0070e-003
tblVehicleEF	MHD	6.9200e-004	1.0200e-004
tblVehicleEF	MHD	1.0250e-003	5.2400e-004
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.03	8.5290e-003
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.20	0.04
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tblVehicleEF	MHD	6.1700e-004	8.6000e-005
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	7.3200e-004	3.7300e-004
tblVehicleEF	MHD	0.04	0.01
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.22	0.04
tblVehicleEF	MHD	0.02	4.2500e-003
tblVehicleEF	MHD	2.0860e-003	7.9500e-004
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tblVehicleEF	MHD	2.8050e-003	6.2850e-003
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tblVehicleEF	MHD	6.5300e-004	3.3700e-004
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tblVehicleEF	MHD	0.03	0.02
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	0.04	0.03
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tblVehicleEF	OBUS	2.3000e-005	1.4600e-004
tblVehicleEF	OBUS	2.7210e-003	7.7820e-003
tblVehicleEF	OBUS	9.7700e-004	1.9500e-004
tblVehicleEF	OBUS	2.2000e-005	1.4000e-004
tblVehicleEF	OBUS	2.5850e-003	7.4310e-003
tblVehicleEF	OBUS	8.9800e-004	1.7900e-004
tblVehicleEF	OBUS	1.3720e-003	1.5770e-003
tblVehicleEF	OBUS	0.02	0.02
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tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.04	0.26
tblVehicleEF	OBUS	0.25	0.09

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tblVehicleEF	OBUS	0.28	0.10
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tblVehicleEF	OBUS	0.26	0.24
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tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
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tblVehicleEF	SBUS	9.6950e-003	8.8990e-003

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tblVehicleEF	SBUS	7.5400e-004	7.6400e-004
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tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.32	0.05
tblVehicleEF	SBUS	9.9980e-003	3.1920e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.5400e-004	7.1000e-005
tblVehicleEF	SBUS	6.6280e-003	2.3800e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.65	0.73
tblVehicleEF	SBUS	3.7230e-003	1.3490e-003
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.08
tblVehicleEF	SBUS	0.35	0.05
tblVehicleEF	SBUS	0.82	0.11
tblVehicleEF	SBUS	4.2970e-003	2.8440e-003
tblVehicleEF	SBUS	0.05	9.4030e-003
tblVehicleEF	SBUS	9.61	4.46
tblVehicleEF	SBUS	0.29	0.26
tblVehicleEF	SBUS	6.67	1.22
tblVehicleEF	SBUS	920.90	331.47
tblVehicleEF	SBUS	1,003.97	926.50
tblVehicleEF	SBUS	66.19	7.65

tblVehicleEF	SBUS	2.87	1.77
tblVehicleEF	SBUS	1.22	1.81
tblVehicleEF	SBUS	9.87	1.52
tblVehicleEF	SBUS	1.1370e-003	1.1220e-003
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	5.5600e-003	9.0870e-003
tblVehicleEF	SBUS	1.2490e-003	1.0600e-004
tblVehicleEF	SBUS	1.0880e-003	1.0730e-003
tblVehicleEF	SBUS	2.5920e-003	2.5790e-003
tblVehicleEF	SBUS	5.2980e-003	8.6740e-003
tblVehicleEF	SBUS	1.1480e-003	9.8000e-005
tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.14	0.50
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.37	0.05
tblVehicleEF	SBUS	9.1250e-003	3.1790e-003
tblVehicleEF	SBUS	9.6950e-003	8.8990e-003
tblVehicleEF	SBUS	7.7800e-004	7.6000e-005
tblVehicleEF	SBUS	4.3450e-003	1.5700e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	1.66	0.73
tblVehicleEF	SBUS	2.5880e-003	9.4900e-004
tblVehicleEF	SBUS	0.06	0.04
tblVehicleEF	SBUS	0.02	0.11

tblVehicleEF	SBUS	0.41	0.06
tblVehicleEF	UBUS	1.38	4.0800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.87	0.03
tblVehicleEF	UBUS	7.97	0.71
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.44
tblVehicleEF	UBUS	2.69	0.02
tblVehicleEF	UBUS	12.78	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003
tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	0.21	1.3700e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.71	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4690e-003	7.4000e-005
tblVehicleEF	UBUS	3.5720e-003	6.3000e-004
tblVehicleEF	UBUS	0.05	7.9650e-003

tblVehicleEF	UBUS	2.6710e-003	4.6500e-004
tblVehicleEF	UBUS	1.62	1.9990e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.78	0.05
tblVehicleEF	UBUS	1.38	4.1800e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.88	0.03
tblVehicleEF	UBUS	7.00	0.63
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.30
tblVehicleEF	UBUS	2.53	0.02
tblVehicleEF	UBUS	12.72	0.08
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	0.21	1.3980e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.66	0.05
tblVehicleEF	UBUS	8.2440e-003	1.1850e-003

tblVehicleEF	UBUS	1.4510e-003	7.2000e-005
tblVehicleEF	UBUS	5.1730e-003	9.1300e-004
tblVehicleEF	UBUS	0.05	8.2100e-003
tblVehicleEF	UBUS	3.7050e-003	6.4200e-004
tblVehicleEF	UBUS	1.62	2.0400e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.72	0.05
tblVehicleEF	UBUS	1.38	4.0500e-004
tblVehicleEF	UBUS	0.05	0.01
tblVehicleEF	UBUS	5.86	0.03
tblVehicleEF	UBUS	8.16	0.73
tblVehicleEF	UBUS	1,763.48	119.79
tblVehicleEF	UBUS	132.22	7.47
tblVehicleEF	UBUS	2.64	0.02
tblVehicleEF	UBUS	12.79	0.09
tblVehicleEF	UBUS	0.52	8.6290e-003
tblVehicleEF	UBUS	0.01	7.9200e-004
tblVehicleEF	UBUS	0.03	1.5400e-004
tblVehicleEF	UBUS	1.4640e-003	8.8000e-005
tblVehicleEF	UBUS	0.22	3.6980e-003
tblVehicleEF	UBUS	3.0000e-003	1.9800e-004
tblVehicleEF	UBUS	0.03	1.4100e-004
tblVehicleEF	UBUS	1.3460e-003	8.1000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	0.21	1.3630e-003

tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.73	0.05
tblVehicleEF	UBUS	8.2430e-003	1.1850e-003
tblVehicleEF	UBUS	1.4720e-003	7.4000e-005
tblVehicleEF	UBUS	3.5870e-003	6.1600e-004
tblVehicleEF	UBUS	0.06	8.4930e-003
tblVehicleEF	UBUS	2.5550e-003	4.4200e-004
tblVehicleEF	UBUS	1.62	1.9890e-003
tblVehicleEF	UBUS	0.02	0.06
tblVehicleEF	UBUS	0.80	0.06
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	48.00	0.00
tblVehicleTrips	CC_TTP	64.70	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TL	16.60	11.75
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	33.00	100.00
tblVehicleTrips	CW_TTP	16.30	100.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00

tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TTP	40.60	0.00
tblVehicleTrips	HS_TTP	19.20	0.00
tblVehicleTrips	HW_TL	14.70	11.75
tblVehicleTrips	HW_TTP	40.20	100.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	6.39	2.99
tblVehicleTrips	ST_TR	2.46	1.49
tblVehicleTrips	ST_TR	9.10	4.10
tblVehicleTrips	ST_TR	49.97	29.06
tblVehicleTrips	SU_TR	5.86	2.99
tblVehicleTrips	SU_TR	1.05	0.47
tblVehicleTrips	SU_TR	13.60	6.12
tblVehicleTrips	SU_TR	25.24	13.29
tblVehicleTrips	WD_TR	6.65	2.99
tblVehicleTrips	WD_TR	11.03	6.57
tblVehicleTrips	WD_TR	33.82	12.97
tblVehicleTrips	WD_TR	42.70	23.78
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	48,865,519.22	63,540,945.00
tblWater	IndoorWaterUseRate	8,531,219.90	8,133,240.96
tblWater	IndoorWaterUseRate	5,441,169.25	15,588,711.84
tblWater	IndoorWaterUseRate	1,259,232.87	2,880,522.84
tblWater	OutdoorWaterUseRate	30,806,522.98	0.00
tblWater	OutdoorWaterUseRate	5,228,812.20	0.00
tblWater	OutdoorWaterUseRate	3,334,910.19	0.00
tblWater	OutdoorWaterUseRate	771,787.89	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWoodstoves	NumberCatalytic	37.50	0.00
tblWoodstoves	NumberNoncatalytic	37.50	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.8937	0.0890	7.7226	4.1000e-004		0.0429	0.0429		0.0429	0.0429	0.0000	12.6508	12.6508	0.0121	0.0000	12.9528
Energy	0.0656	0.5672	0.2855	3.5800e-003		0.0453	0.0453		0.0453	0.0453	0.0000	1,529.9928	1,529.9928	0.0908	0.0281	1,540.6390
Mobile	1.0895	2.4194	13.5920	0.0488	6.2195	0.0307	6.2502	1.6609	0.0286	1.6895	0.0000	4,846.8530	4,846.8530	0.1264	0.0000	4,850.0130
Waste						0.0000	0.0000		0.0000	0.0000	460.1095	0.0000	460.1095	27.1917	0.0000	1,139.9010
Water						0.0000	0.0000		0.0000	0.0000	31.8929	173.5914	205.4843	0.1252	0.0726	230.2348
Total	7.0489	3.0756	21.6001	0.0528	6.2195	0.1189	6.3385	1.6609	0.1169	1.7777	492.0024	6,563.0881	7,055.0904	27.5462	0.1007	7,773.7419

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.8937	0.0890	7.7226	4.1000e-004		0.0429	0.0429		0.0429	0.0429	0.0000	12.6508	12.6508	0.0121	0.0000	12.9528
Energy	0.0656	0.5672	0.2855	3.5800e-003		0.0453	0.0453		0.0453	0.0453	0.0000	1,529.9928	1,529.9928	0.0908	0.0281	1,540.6390
Mobile	1.0895	2.4194	13.5920	0.0488	6.2195	0.0307	6.2502	1.6609	0.0286	1.6895	0.0000	4,846.8530	4,846.8530	0.1264	0.0000	4,850.0136
Waste						0.0000	0.0000		0.0000	0.0000	460.1095	0.0000	460.1095	27.1917	0.0000	1,139.9010
Water						0.0000	0.0000		0.0000	0.0000	25.5143	138.8732	164.3875	0.1002	0.0580	184.1879
Total	7.0489	3.0756	21.6001	0.0528	6.2195	0.1189	6.3385	1.6609	0.1169	1.7777	485.6238	6,528.369	7,013.9936	27.5211	0.0862	7,727.694

	ROG	NOx	CO	SO2	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	1.30	0.53	0.58	0.09	14.41	0.59

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0895	2.4194	13.5920	0.0488	6.2195	0.0307	6.2502	1.6609	0.0286	1.6895	0.0000	4,846.8530	4,846.8530	0.1264	0.0000	4,850.0136
Unmitigated	1.0895	2.4194	13.5920	0.0488	6.2195	0.0307	6.2502	1.6609	0.0286	1.6895	0.0000	4,846.8530	4,846.8530	0.1264	0.0000	4,850.0136

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	2,242.50	2,242.50	2242.50	9,591,173	9,591,173
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	315.36	71.52	22.56	1,020,908	1,020,908
Other Asphalt Surfaces	0.00	0.00	0.00		
Recreational Swimming Pool	1,193.24	377.20	563.04	4,219,835	4,219,835
Regional Shopping Center	404.26	494.02	225.93	1,674,904	1,674,904
Total	4,155.36	3,185.24	3,054.03	16,506,819	16,506,819

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	11.75	5.90	8.70	100.00	0.00	0.00	100	0	0
Enclosed Parking with Elevator	11.75	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	11.75	8.40	6.90	100.00	0.00	0.00	100	0	0
Other Asphalt Surfaces	11.75	8.40	6.90	0.00	0.00	0.00	0	0	0
Recreational Swimming Pool	11.75	8.40	6.90	100.00	0.00	0.00	100	0	0
Regional Shopping Center	11.75	8.40	6.90	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.563884	0.045698	0.219998	0.120830	0.014050	0.003768	0.012783	0.010000	0.001571	0.000976	0.005540	0.000427	0.000474
Enclosed Parking with Elevator	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
General Office Building	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Other Asphalt Surfaces	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Recreational Swimming Pool	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807
Regional Shopping Center	0.540767	0.043825	0.210979	0.115876	0.013474	0.006417	0.021769	0.035705	0.002676	0.001662	0.005313	0.000728	0.000807

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	880.5848	880.5848	0.0783	0.0162	887.3718
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	880.5848	880.5848	0.0783	0.0162	887.3718
NaturalGas Mitigated	0.0656	0.5672	0.2855	3.5800e-003		0.0453	0.0453		0.0453	0.0453	0.0000	649.4081	649.4081	0.0125	0.0119	653.2672
NaturalGas Unmitigated	0.0656	0.5672	0.2855	3.5800e-003		0.0453	0.0453		0.0453	0.0453	0.0000	649.4081	649.4081	0.0125	0.0119	653.2672

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	9.99454e+006	0.0539	0.4605	0.1960	2.9400e-003		0.0372	0.0372		0.0372	0.0372	0.0000	533.3466	533.3466	0.0102	9.7800e-003	536.5160
Enclosed Parking with Elevator	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
General Office Building	494880	2.6700e-003	0.0243	0.0204	1.5000e-004		1.8400e-003	1.8400e-003		1.8400e-003	1.8400e-003	0.0000	26.4087	26.4087	5.1000e-004	4.8000e-004	26.5656
Other Asphalt Surfaces	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
Recreational Swimming Pool	1.65232e+006	8.9100e-003	0.0810	0.0680	4.9000e-004		6.1600e-003	6.1600e-003		6.1600e-003	6.1600e-003	0.0000	88.1741	88.1741	1.6900e-003	1.6200e-003	88.6981
Regional Shopping Center	27710	1.5000e-004	1.3600e-003	1.1400e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4787	1.4787	3.0000e-005	3.0000e-005	1.4875
Total		0.0656	0.5672	0.2855	3.5900e-003		0.0453	0.0453		0.0453	0.0453	0.0000	649.4081	649.4081	0.0125	0.0119	653.2672

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	9.99454e+006	0.0539	0.4605	0.1960	2.9400e-003		0.0372	0.0372		0.0372	0.0372	0.0000	533.3466	533.3466	0.0102	9.7800e-003	536.5160
Enclosed Parking with Elevator	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
General Office Building	494880	2.6700e-003	0.0243	0.0204	1.5000e-004		1.8400e-003	1.8400e-003		1.8400e-003	1.8400e-003	0.0000	26.4087	26.4087	5.1000e-004	4.8000e-004	26.5656
Other Asphalt Surfaces	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
Recreational Swimming Pool	1.65232e+006	8.9100e-003	0.0810	0.0680	4.9000e-004		6.1600e-003	6.1600e-003		6.1600e-003	6.1600e-003	0.0000	88.1741	88.1741	1.6900e-003	1.6200e-003	88.6981
Regional Shopping Center	27710	1.5000e-004	1.3600e-003	1.1400e-003	1.0000e-005		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	1.4787	1.4787	3.0000e-005	3.0000e-005	1.4875
Total		0.0656	0.5672	0.2855	3.5900e-003		0.0453	0.0453		0.0453	0.0453	0.0000	649.4081	649.4081	0.0125	0.0119	653.2672

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	3.0168e+006	446.1660	0.0397	8.2100e-003	449.6048
Enclosed Parking with Elevator	1.11384e+006	164.7300	0.0147	3.0300e-003	165.9997
General Office Building	600960	88.8783	7.9100e-003	1.6400e-003	89.5633
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	1.00004e+006	147.8997	0.0132	2.7200e-003	149.0396
Regional Shopping Center	222530	32.9108	2.9300e-003	6.1000e-004	33.1645
Total		880.5848	0.0783	0.0162	887.3718

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	3.0168e+006	446.1660	0.0397	8.2100e-003	449.6048
Enclosed Parking with Elevator	1.11384e+006	164.7300	0.0147	3.0300e-003	165.9997
General Office Building	600960	88.8783	7.9100e-003	1.6400e-003	89.5633
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	1.00004e+006	147.8997	0.0132	2.7200e-003	149.0396
Regional Shopping Center	222530	32.9108	2.9300e-003	6.1000e-004	33.1645
Total		880.5848	0.0783	0.0162	887.3718

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.8937	0.0890	7.7226	4.1000e-004		0.0429	0.0429		0.0429	0.0429	0.0000	12.6508	12.6508	0.0121	0.0000	12.9528
Unmitigated	5.8937	0.0890	7.7226	4.1000e-004		0.0429	0.0429		0.0429	0.0429	0.0000	12.6508	12.6508	0.0121	0.0000	12.9528

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	0.3719					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.2902					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	0.2315	0.0890	7.7226	4.1000e-004		0.0429	0.0429		0.0429	0.0429	0.0000	12.6508	12.6508	0.0121	0.0000	12.9528
Total	5.8937	0.0890	7.7226	4.1000e-004		0.0429	0.0429		0.0429	0.0429	0.0000	12.6508	12.6508	0.0121	0.0000	12.9528

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	0.3719					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.2902					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	0.2315	0.0890	7.7226	4.1000e-004		0.0429	0.0429		0.0429	0.0429	0.0000	12.6508	12.6508	0.0121	0.0000	12.9528
Total	5.8937	0.0890	7.7226	4.1000e-004		0.0429	0.0429		0.0429	0.0429	0.0000	12.6508	12.6508	0.0121	0.0000	12.9528

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	164.3875	0.1002	0.0580	184.1879
Unmitigated	205.4843	0.1252	0.0726	230.2348

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	63.5409 / 0	144.8433	0.0883	0.0511	162.2896
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	8.13324 / 0	18.5399	0.0113	6.5500e-003	20.7731
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	15.5887 / 0	35.5349	0.0217	0.0126	39.8151
Regional Shopping Center	2.88052 / 0	6.5662	4.0000e-003	2.3200e-003	7.3571
Total		205.4843	0.1252	0.0726	230.2348

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	50.8328 / 0	115.8746	0.0706	0.0409	129.8317
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	6.50659 / 0	14.8320	9.0400e-003	5.2400e-003	16.6185
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	12.471 / 0	28.4279	0.0173	0.0100	31.8520
Regional Shopping Center	2.30442 / 0	5.2530	3.2000e-003	1.8500e-003	5.8857
Total		164.3875	0.1002	0.0580	184.1879

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	460.1095	27.1917	0.0000	1,139.9017
Unmitigated	460.1095	27.1917	0.0000	1,139.9017

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	547.5	111.1376	6.5680	0.0000	275.3386
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	525.6	106.6921	6.3053	0.0000	264.3250
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	1007.4	204.4931	12.0852	0.0000	506.6230
Regional Shopping Center	186.15	37.7868	2.2331	0.0000	93.6151
Total		460.1095	27.1917	0.0000	1,139.9017

Mitigated

Land Use	Waste Disposed	Total CO2	CH4	N2O	CO2e
	tons	MT/yr			
Apartments Mid Rise	547.5	111.1376	6.5680	0.0000	275.3386
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	525.6	106.6921	6.3053	0.0000	264.3250
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	1007.4	204.4931	12.0852	0.0000	506.6230
Regional Shopping Center	186.15	37.7868	2.2331	0.0000	93.6151
Total		460.1095	27.1917	0.0000	1,139.901

9.0 Operational Offroad

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

Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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11.0 Vegetation

New Proposed
Los Angeles-South Coast County, Mitigation Report

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	20.00	20.00	20.00	20.00	20.01	20.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.12	0.36		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			

No	Land Use	Integrate Below Market Rate Housing	0.00		
	Land Use	Land Use SubTotal	0.00		
No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	50.00
No	Use Low VOC Paint (Residential Exterior)	50.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	100.00
No	Use Low VOC Paint (Parking)	100.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
Yes	Install low-flow bathroom faucet	32.00	
Yes	Install low-flow Kitchen faucet	18.00	
Yes	Install low-flow Toilet	20.00	
Yes	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
Yes	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Screening-Level Construction Localized Significance Thresholds Worksheets

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Construction Localized Significance Thresholds:

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)
4	3.36	25	82

Source Receptor Distance (meters)	South Coastal LA County	Equipment	Acres/8-hr Day	Daily hours	Equipment Used	Acres
25		Tractors	0.5	7		0
NOx	101	Graders	0.5			0
CO	1,154	Dozers	0.5			0
PM10	10.17	Scrapers	1			0
PM2.5	6.36				Acres	0.00
	Acres					
		25	50		200	500
NOx	3	96	93		118	160
	4	109	105		129	170
		101	97		122	164
CO	3	1071	1433		3307	8901
	4	1301	1707		3746	9550
		1154	1532		3465	9135
PM10	3	9	28		77	175
	4	12	35		85	183
		10	31		80	178
PM2.5	3	6	8		33	107
	4	7	9		36	114
		6	8		34	110
South Coastal LA County						
	3.36 Acres					
	25	50	100		200	500
NOx	101	97	105		122	164
CO	1154	1532	2065		3465	9135
PM10	10	31	47		80	178
PM2.5	6	8	15		34	110

Acre Below		Acre Above	
SRA No.	Acres	SRA No.	Acres
4	3	4	4
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Operation Energy Demand Summary Worksheet

Land Use	Year 2020		Year 2033	
	Electricity (kWh/Yr)	Natural Gas (kBTU/Yr)	Electricity (kWh/Yr)	Natural Gas (kBTU/Yr)
Existing				
<i>Residential</i>	3,116,140	9,115,220	3,116,140	9,115,220
<i>Amenities and Education</i>	283,153	447,084	283,153	447,084
<i>Services/Administration</i>	400,812	327,172	400,812	327,172
<i>Retail</i>	93,366	10,647	93,366	10,647
<i>Parking Lot (Assumes Enclosed Parking Structure)</i>	1,401,920	0	1,401,920	0
Sub-Total	5,295,391	9,900,123	5,295,391	9,900,123
Existing Remaining				
<i>Residential</i>	n/a	n/a	2,269,560	6,638,830
<i>Amenities and Education</i>	n/a	n/a	29,469	46,530
<i>Services/Administration</i>	n/a	n/a	290,322	236,982
<i>Retail</i>	n/a	n/a	93,366	10,647
<i>Parking Lot (Assumes Enclosed Parking Structure)</i>	n/a	n/a	984,040	0
Sub-Total	n/a	n/a	3,666,757	6,932,989
New Proposed				
<i>Residential</i>	n/a	n/a	3,016,800	9,994,540
<i>Amenities and Education</i>	n/a	n/a	1,000,040	1,652,320
<i>Services/Administration</i>	n/a	n/a	600,960	494,880
<i>Retail</i>	n/a	n/a	222,530	27,710
<i>Parking Lot (Assumes Enclosed Parking Structure)</i>	n/a	n/a	1,113,840	0
Sub-Total	n/a	n/a	5,954,170	12,169,450
Full Buildout				
<i>Residential</i>	n/a	n/a	5,286,360	16,633,370
<i>Amenities and Education</i>	n/a	n/a	1,029,509	1,698,850
<i>Services/Administration</i>	n/a	n/a	891,282	731,862
<i>Retail</i>	n/a	n/a	315,896	38,357
<i>Parking Lot (Assumes Enclosed Parking Structure)</i>	n/a	n/a	2,097,880	0
Sub-Total	n/a	n/a	9,620,927	19,102,439
Net Change				
<i>Residential</i>	n/a	n/a	2,170,220	7,518,150
<i>Amenities and Education</i>	n/a	n/a	746,356	1,251,766
<i>Services/Administration</i>	n/a	n/a	490,470	404,690
<i>Retail</i>	n/a	n/a	222,530	27,710
<i>Parking Lot (Assumes Enclosed Parking Structure)</i>	n/a	n/a	695,960	0
Sub-Total	n/a	n/a	4,325,536	9,202,316

Source: California Emissions Estimator Model, Version 2016.3.2.

Construction-Related Fuel/Energy Usage

Fuel usage from construction activities are based on EMFAC2017 model for Year 2021 for the most conservative results.

Worst-Case Phase

CONSTRUCTION WORKER COMMUTE

Year	Gas		Diesel		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	kWh
2023	171,369	6,057	1,159	27	2,653	866
2024	207,835	7,165	1,465	33	3,882	1,256
Total	379,204	13,222	2,624	60	6,535	2,122

CONSTRUCTION VENDOR TRIPS

Year	Gas		Diesel	
	VMT	Gallons	VMT	Gallons
2023	3,920	767	44,625	5,294
2024	3,193	615	36,976	4,324
Total	7,112	1,382	81,601	9,618

CONSTRUCTION TRUCK HAUL TRIPS

Year	Gas		Diesel	
	VMT	Gallons	VMT	Gallons
2023	3	1	3,709	530
2024	3	1	3,385	477
Total	6	1	7,095	1,006

CONSTRUCTION OFF-ROAD EQUIPMENT

Year	Gasoline gallons	Diesel gallons
2023	0	23,264
2024	4,367	0
Total	4,367	23,264

TOTALS

VMT	Gas		Diesel		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	kWh
386,322	18,973	91,320	33,948	6,535	2,122	
386,322	18,973	91,320	33,948	6,535	2,122	

Full Buildout

CONSTRUCTION WORKER COMMUTE

Year	Gas		Diesel		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	kWh
Total	4,550,447	158,664	31,488	717	78,425	25,460

CONSTRUCTION VENDOR TRIPS

Year	Gas		Diesel	
	VMT	Gallons	VMT	Gallons
Total	85,349	16,589	979,214	115,418

CONSTRUCTION TRUCK HAUL TRIPS

Year	Gas		Diesel	
	VMT	Gallons	VMT	Gallons
Total	73	17	85,135	12,074

CONSTRUCTION OFF-ROAD EQUIPMENT

Year	Gasoline gallons	Diesel gallons
Total	52,403	279,169

TOTALS

	Gas		Diesel		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	kWh
	4,635,870	227,673	1,095,837	407,377	78,425	25,460

Operation-Related Vehicle Fuel/Energy Usage

Existing Conditions

EXISTING COMMUTE- BASELINE YEAR

Vehicle Type	Gas		Diesel		CNG		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	Gallons	VMT	kWh
All Vehicles	14,988,202	614,254	676,769	63,739	26,762	7,379	154,382	51,567
Total	14,988,202	614,254	676,769	63,739	26,762	7,379	154,382	51,567

Existing Conditions - Year 2033

EXISTING COMMUTE- YEAR 2033

Vehicle Type	Gas		Diesel		CNG		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	Gallons	VMT	kWh
All Vehicles	14,379,172	429,882	791,688	54,188	20,741	5,837	654,507	196,424
Total	14,379,172	429,882	791,688	54,188	20,741	5,837	654,507	196,424

Proposed Project -- Passenger Vehicles

PROPOSED COMMUTE

Vehicle Type	Gas		Diesel		CNG		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	Gallons	VMT	kWh
All Vehicles	23,147,479	693,379	1,414,115	101,752	38,033	10,828	1,053,088	316,042
Total	23,147,479	693,379	1,414,115	101,752	38,033	10,828	1,053,088	316,042

Proposed Project -- Passenger Vehicles

PROPOSED COMMUTE

Vehicle Type	Gas		Diesel		CNG		Electricity	
	VMT	Gallons	VMT	Gallons	VMT	Gallons	VMT	kWh
Existing - Year 2033	14,379,172	429,882	791,688	54,188	20,741	5,837	654,507	196,424
Full Buildout	23,147,479	693,379	1,414,115	101,752	38,033	10,828	1,053,088	316,042
Total	8,768,307	263,497	622,427	47,565	17,292	4,991	398,581	119,618

Construction Worker Trips Fuel Usage Worksheet

Note: Worker vehicles are "LD_Mix", which is 50% LDA, 25% LDT1, and 25% LDT2

Activity ¹	Daily trips ^{1,2}	Trip miles ²	Trip days ¹	Annual VMT
2023				
Building Demolition	30	14.7	60	26,460
Building Demolition Haul	20	14.7	40	11,760
Site Preparation	10	14.7	5	735
Site Preparation Soil Haul	10	14.7	10	1,470
Rough Grading	10	14.7	10	1,470
Geopiers/Foundation	20	14.7	60	17,640
Utility Trenching	40	14.7	60	35,280
Building Construction	100	14.7	55	80,850
2024				
Building Construction	100	14.7	105	154,350
Architectural Coating	30	14.7	60	26,460
Asphalt Demolition	20	14.7	5	1,470
Asphalt Demolition Haul	20	14.7	5	1,470
Paving	20	14.7	20	5,880
Fine Grading	10	14.7	5	735
Finishing/Landscaping	40	14.7	40	23,520

10/15/2023 12/31/2023 55
1/1/2024 5/24/2024 105

¹ Assumes that fuel usage would be based on EMFAC2017 model for Year 2021 for the most conservative results.
² Based on CalEEMod defaults.

Year	LDA VMT	LDT1 VMT	LDT2 VMT	Gasoline ¹						Diesel ¹						Electricity ¹			
				LDA mpg	LDA gallons	LDT1 mpg	LDT1 gallons	LDT2 mpg	LDT2 gallons	LDA mpg	LDA gallons	LDT1 mpg	LDT1 gallons	LDT2 mpg	LDT2 gallons	LDA m/kWh	LDA kWh	LDT1 m/kWh	LDT1 kWh
2023	87,833	43,916	43,916	31.12	2,727	26.80	1,620	25.20	1,710	48.57	17	22.08	1	35.74	9	3.07	705	3.07	160
2024	106,943	53,471	53,471	31.86	3,227	27.38	1,924	25.98	2,014	49.63	21	22.29	1	36.53	12	3.09	1,010	3.09	246

Gasoline		Diesel		Electricity	
VMT	Gallons	VMT	Gallons	VMT	kWh
171,369	6,057	1,159	27	2,653	866
207,835	7,165	1,465	33	3,882	1,256
379,204	13,222	2,624	60	6,535	2,122

¹ EMFAC2017 v1.0.2.

Year	VMT from gasoline			VMT from diesel			VMT from electricity		
	LDA	LDT1	LDT2	LDA	LDT1	LDT2	LDA	LDT1	
2023	96.62%	98.85%	98.14%	0.92%	0.03%	0.76%	2.46%	1.12%	
2024	96.13%	98.55%	97.89%	0.96%	0.03%	0.80%	2.92%	1.42%	

Appendix C: Evidence Used to Define the Average Number of KWH Required to Displace a Gallon of Gasoline

Table A 3: Evidence from U.S. Department of Energy and U.S. Environmental Protection Agency's fuel economy website^[32]

Vehicle	Model year	Electric consumption	Gasoline fuel economy	Number of kWh that are equivalent to 1 gallon
Ford Fusion Energi & Ford C-Max Energi	2013	0.34 kWh per mile	43 mpg	14.6
Chevrolet Volt	2013	0.35 kWh per mile	37 mpg	12.9
Chevrolet Volt	2012	0.36 kWh per mile	37 mpg	13.3
Fisker Karma	2012	0.62 kWh per mile	20 mpg	12.4
Toyota Prius	2013	0.29 kWh per mile & 0.2 gal	50 mpg	13.1
Average for five models	-	-	-	13.3 +/- 0.8

Table A 5: Average power consumption per mile traveled over time for different PEV categories

Year range	2012- 2020	2020-2030	2030-2040	2040-2050	2050
Efficiency improvement per year	0.3%	0.8%	0.9%	0.9%	
Year	2012	2020	2030	2040	2050
Relative energy efficiency	1.000	0.976	0.901	0.823	0.752

https://www.fhwa.dot.gov/environment/climate_change/mitigation/publications_and_tools/ev_deployment/page08.cfm

Year	Estimated Electric Consumption
2013	0.34
2014	0.34
2015	0.34
2016	0.34
2017	0.34
2018	0.34
2019	0.34
2020	0.33
2021	0.33
2022	0.33
2023	0.33
2024	0.32
2025	0.32
2026	0.32
2027	0.32
2028	0.31
2029	0.31
2030	0.31
2031	0.31
2032	0.30
2033	0.30
2034	0.30
2035	0.29
2036	0.29
2037	0.29
2038	0.29
2039	0.28
2040	0.28

Vendor Trips Fuel Usage Worksheet

Note: Hauling vehicles are "HDT_Mix", which is 50% HHDT (T7), and 50% MHDT (T6)

Activity ¹	Daily trips ^{1,2}	Trip miles ²	Trip days ¹	Annual VMT
2023				
Building Demolition	24	6.9	60	9,936
Building Demolition Haul	4	6.9	40	1,104
Site Preparation	6	6.9	5	207
Site Preparation Soil Haul	2	6.9	10	138
Rough Grading	6	6.9	10	414
Geopiers/Foundation	44	6.9	60	18,216
Utility Trenching	10	6.9	60	4,140
Building Construction	40	6.9	55	15,180
2024				
Building Construction	40	6.9	105	28,980
Architectural Coating	10	6.9	60	4,140
Asphalt Demolition	14	6.9	5	483
Asphalt Demolition Haul	4	6.9	5	138
Paving	10	6.9	20	1,380
Fine Grading	6	6.9	5	207
Finishing/Landscaping	20	6.9	40	5,520

¹ Assumes that fuel usage would be based on EMFAC2017 model for Year 2021 for the most conservative results.

² Based on CalEEMod defaults.

Year	HHDT (T7) VMT	MHDT (T6) VMT	Gasoline ¹				Diesel ¹			
			HHDT (T7) mpg	HHDT (T7) gallons	MHDT (T6) mpg	MHDT (T6) gallons	HHDT (T7) mpg	HHDT (T7) gallons	MHDT (T6) mpg	MHDT (T6) gallons
2023	24,668	24,668	4.20	5	5.12	762	7.00	3,406	11.00	1,888
2024	20,424	20,424	4.30	4	5.19	611	7.10	2,777	11.15	1,547

¹ EMFAC2017 v1.0.2.

Year	VMT from gasoline		VMT from diesel	
	HHDT (T7)	MHDT (T6)	HHDT (T7)	MHDT (T6)
2023	0.08%	15.81%	96.71%	84.19%
2024	0.08%	15.55%	96.59%	84.45%

VENDOR			
Gasoline		Diesel	
VMT	Gallons	VMT	Gallons
3,920	767	44,625	5,294
3,193	615	36,976	4,324
7,112	1,382	81,601	9,618

Truck Haul Trips Fuel Usage Worksheet

Note: Hauling vehicles are HHDT (T7)

Activity	Total Trips ¹	Mi/Trip ¹	Annual VMT
2023			
Building Demolition Haul	74	15.1	1,117
Site Preparation Soil Haul	74	35.9	2,657
			0
2024			
Asphalt Demolition Haul	96	36	3,446

¹ Based on information provided.

² Based on CalEEMod defaults.

Year	VMT	Gasoline ¹		Diesel ¹	
		HHDT (T7) mpg	HHDT (T7) gallons	HHDT (T7) mpg	HHDT (T7) gallons
2023	3,774	4.20	1	7.00	530
2024	3,446	4.30	1	7.10	477

¹ EMFAC2017 v1.0.2.

Year	VMT from gasoline	VMT from diesel
2023	0.08%	98.29%
2024	0.09%	98.22%

Gasoline		Diesel	
VMT	Gallons	VMT	Gallons
3	1	3,709	530
3	1	3,385	477
6	1	7,095	1,006

Finishing/Landscaping													
Forklifts	1	89	100	Diesel	40	8	320	0.00	0	0.98	314	0.00	0
Select Equipment Type			25	Select Fuel Type	40		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	40		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	40		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	40		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	40		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	40		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	40		0	0.00	0	0.00	0	0.00	0
							TOTAL		4,367		9,111		0

¹ Based on information provided.

² OFFROAD2017 v.1.0.1

Off-Road Operation Equipment Fuel Usage Worksheet

Year	Total Gasoline	Total Diesel	Total Natural Gas
		Gallons	
Year 1	0	0	0

Equipment Type ¹	Number of Equipment ¹	Horsepower	OFFROAD2017 Horsepower Category	Fuel Type	Working days ¹	Hours Per Day	Total Hours of Operation	Gasoline Gal/Hr ²	Total Gasoline gallons	Diesel Gal/Hr ²	Total Diesel gallons	Natural Gas Gal/Hr ²	Total Natural Gas gallons
Activity 1 (rename to actual)													
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.000	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.000	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Activity 2 (rename to actual)													
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
Select Equipment Type			25	Select Fuel Type	0		0	0.00	0	0.00	0	0.00	0
TOTAL									0	0	0	0	

¹ Based on information provided.

² OFFROAD2017 v.1.0.1