

Appendix 5.2-1 AQ/GHG Analysis

Appendices

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Air Quality/Greenhouse Gas Appendix

Emissions Worksheet

Regional Construction Emissions Worksheet:

Demolition							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2021 Summer					
	Off-Road	3.68	34.94	25.90	0.05	1.76	1.65
	Total	3.68	34.94	25.90	0.05	1.76	1.65
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.38	0.10	0.00	0.02	0.01
	Worker	0.07	0.04	0.55	0.00	0.19	0.05
	Total	0.08	0.41	0.65	0.00	0.21	0.06
TOTAL		3.75	35.35	26.55	0.05	1.97	1.71
Onsite		2021					
	Off-Road	3.68	34.94	25.90	0.05	1.76	1.65
	Total	3.68	34.94	25.90	0.05	1.76	1.65
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.38	0.11	0.00	0.02	0.01
	Worker	0.07	0.04	0.55	0.00	0.19	0.05
	Total	0.08	0.42	0.65	0.00	0.21	0.06
TOTAL		3.76	35.35	26.55	0.05	1.97	1.71
Demolition Haul							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2021 Summer					
	Fugitive Dust					8.34	1.26
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	8.34	1.26
Offsite							
	Hauling	0.66	23.18	6.37	0.07	1.55	0.48
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.66	23.18	6.37	0.07	1.55	0.48
TOTAL		0.66	23.18	6.37	0.07	9.89	1.74
Onsite		2021					
	Fugitive Dust	0.00	0.00	0.00	0.00	8.34	1.26
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.00	0.00	0.00	0.00	8.34	1.26
Offsite							
	Hauling	0.67	23.45	6.68	0.07	1.55	0.48
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	0.67	23.45	6.68	0.07	1.55	0.48
TOTAL		0.67	23.45	6.68	0.07	9.89	1.74
Site Preparation							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2021 Summer					
	Fugitive Dust					7.72	4.25
	Off-Road	3.89	40.50	21.15	0.04	2.04	1.88
	Total	3.89	40.50	21.15	0.04	9.77	6.13
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.38	0.10	0.00	0.02	0.01
	Worker	0.07	0.04	0.55	0.00	0.19	0.05
	Total	0.08	0.41	0.65	0.00	0.21	0.06
TOTAL		3.96	40.91	21.80	0.04	9.98	6.18
Onsite		2021					
	Fugitive Dust	0.00	0.00	0.00	0.00	7.72	4.25
	Off-Road	3.89	40.50	21.15	0.04	2.04	1.88
	Total	3.89	40.50	21.15	0.04	9.77	6.13
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.38	0.11	0.00	0.02	0.01
	Worker	0.07	0.04	0.55	0.00	0.19	0.05
	Total	0.08	0.42	0.65	0.00	0.21	0.06
TOTAL		3.97	40.91	21.80	0.04	9.98	6.18

Grading							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2021 Summer					
	Fugitive Dust					3.71	1.54
	Off-Road	4.19	46.40	30.88	0.06	1.99	1.83
	Total	4.19	46.40	30.88	0.06	5.69	3.36
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.38	0.10	0.00	0.02	0.01
	Worker	0.07	0.04	0.61	0.00	0.21	0.06
	Total	0.08	0.42	0.71	0.00	0.23	0.06
TOTAL		4.27	46.82	31.59	0.07	5.93	3.43
Onsite		2021					
	Fugitive Dust	0.00	0.00	0.00	0.00	3.71	1.54
	Off-Road	4.19	46.40	30.88	0.06	1.99	1.83
	Total	4.19	46.40	30.88	0.06	5.69	3.36
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.01	0.38	0.11	0.00	0.02	0.01
	Worker	0.08	0.05	0.61	0.00	0.21	0.06
	Total	0.09	0.42	0.71	0.00	0.23	0.06
TOTAL		4.28	46.82	31.59	0.07	5.93	3.43
Building Construction 2021							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2021 Summer					
	Off-Road	1.90	17.43	16.58	0.03	0.96	0.90
	Total	1.90	17.43	16.58	0.03	0.96	0.90
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	3.93	138.09	37.45	0.36	9.09	2.83
	Worker	18.38	11.12	154.69	0.54	52.84	14.34
	Total	22.31	149.22	192.14	0.90	61.93	17.18
TOTAL		24.21	166.65	208.72	0.93	62.89	18.08
Onsite		2021					
	Off-Road	1.90	17.43	16.58	0.03	0.96	0.90
	Total	1.90	17.43	16.58	0.03	0.96	0.90
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	4.12	138.09	41.09	0.36	9.10	2.84
	Worker	20.81	12.22	154.69	0.54	52.84	14.34
	Total	24.94	149.99	192.14	0.90	61.94	17.19
TOTAL		26.84	167.42	208.72	0.93	62.90	18.09
Building Construction 2022							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2022 Summer					
	Off-Road	1.71	15.62	16.36	0.03	0.81	0.76
	Total	1.71	15.62	16.36	0.03	0.81	0.76
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	3.69	130.65	36.16	0.36	9.05	2.80
	Worker	17.37	10.08	144.38	0.52	52.83	14.34
	Total	21.07	140.72	180.54	0.88	61.88	17.13
TOTAL		22.77	156.34	196.90	0.90	62.69	17.89
Onsite		2022					
	Off-Road	1.71	15.62	16.36	0.03	0.81	0.76
	Total	1.71	15.62	16.36	0.03	0.81	0.76
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	3.88	130.65	39.62	0.36	9.06	2.81
	Worker	19.72	11.07	144.38	0.52	52.83	14.34
	Total	23.60	141.32	180.54	0.88	61.89	17.14
TOTAL		25.30	156.94	196.90	0.90	62.70	17.90

Building Construction 2023							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2023 Summer					
	Off-Road	1.57	14.38	16.24	0.03	0.70	0.66
	Total	1.57	14.38	16.24	0.03	0.70	0.66
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.81	98.61	33.75	0.35	8.92	2.67
	Worker	16.45	9.15	134.64	0.50	52.83	14.33
	Total	19.26	107.76	168.39	0.84	61.75	17.00
TOTAL		20.84	122.14	184.64	0.87	62.45	17.66
Onsite		2023					
	Off-Road	1.57	14.38	16.24	0.03	0.70	0.66
	Total	1.57	14.38	16.24	0.03	0.70	0.66
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.95	98.61	36.40	0.35	8.93	2.68
	Worker	18.73	10.05	134.64	0.50	52.83	14.33
	Total	21.68	108.09	168.39	0.84	61.75	17.01
TOTAL		23.26	122.48	184.64	0.87	62.45	17.67
Building Construction 2024							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2024 Summer					
	Off-Road	1.47	13.44	16.17	0.03	0.61	0.58
	Total	1.47	13.44	16.17	0.03	0.61	0.58
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.72	97.38	33.05	0.34	8.92	2.67
	Worker	15.64	8.33	125.33	0.48	52.82	14.33
	Total	18.35	105.71	158.38	0.82	61.74	16.99
TOTAL		19.82	119.15	174.55	0.85	62.35	17.57
Onsite		2024					
	Off-Road	1.47	13.44	16.17	0.03	0.61	0.58
	Total	1.47	13.44	16.17	0.03	0.61	0.58
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.72	97.38	33.05	0.34	8.92	2.67
	Worker	15.64	8.33	125.33	0.48	52.82	14.33
	Total	18.35	105.71	158.38	0.82	61.74	16.99
TOTAL		19.82	119.15	174.55	0.85	62.35	17.57
Building Construction 2025							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2025 Summer					
	Off-Road	1.37	12.47	16.08	0.03	0.53	0.50
	Total	1.37	12.47	16.08	0.03	0.53	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.65	96.11	32.67	0.34	8.91	2.67
	Worker	14.94	7.64	117.00	0.46	52.82	14.32
	Total	17.59	103.76	149.67	0.80	61.73	16.99
TOTAL		18.95	116.23	165.76	0.83	62.26	17.48
Onsite		2025					
	Off-Road	1.37	12.47	16.08	0.03	0.53	0.50
	Total	1.37	12.47	16.08	0.03	0.53	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.65	96.11	32.67	0.34	8.91	2.67
	Worker	14.94	7.64	117.00	0.46	52.82	14.32
	Total	17.59	103.76	149.67	0.80	61.73	16.99
TOTAL		18.95	116.23	165.76	0.83	62.26	17.48

Building Construction 2026							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2026 Summer					
	Off-Road	1.37	12.47	16.08	0.03	0.53	0.50
	Total	1.37	12.47	16.08	0.03	0.53	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.58	94.86	32.42	0.34	8.91	2.66
	Worker	14.33	7.06	109.88	0.44	52.81	14.31
	Total	16.92	101.91	142.29	0.78	61.72	16.98
TOTAL		18.28	114.38	158.38	0.81	62.25	17.47
Onsite		2026					
	Off-Road	1.37	12.47	16.08	0.03	0.53	0.50
	Total	1.37	12.47	16.08	0.03	0.53	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.58	94.86	32.42	0.34	8.91	2.66
	Worker	14.33	7.06	109.88	0.44	52.81	14.31
	Total	16.92	101.91	142.29	0.78	61.72	16.98
TOTAL		18.28	114.38	158.38	0.81	62.25	17.47
Building Construction 2027							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2027 Summer					
	Off-Road	1.37	12.47	16.08	0.03	0.53	0.50
	Total	1.37	12.47	16.08	0.03	0.53	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.53	93.65	32.21	0.34	8.91	2.66
	Worker	13.74	6.54	103.63	0.43	52.79	14.30
	Total	16.27	100.19	135.85	0.76	61.70	16.96
TOTAL		17.64	112.66	151.93	0.79	62.23	17.45
Onsite		2027					
	Off-Road	1.37	12.47	16.08	0.03	0.53	0.50
	Total	1.37	12.47	16.08	0.03	0.53	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.53	93.65	32.21	0.34	8.91	2.66
	Worker	13.74	6.54	103.63	0.43	52.79	14.30
	Total	16.27	100.19	135.85	0.76	61.70	16.96
TOTAL		17.64	112.66	151.93	0.79	62.23	17.45
Building Construction 2028							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2028 Summer					
	Off-Road	1.37	12.47	16.08	0.03	0.53	0.50
	Total	1.37	12.47	16.08	0.03	0.53	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.49	92.63	32.10	0.34	8.91	2.66
	Worker	13.11	6.07	98.12	0.41	52.77	14.27
	Total	15.60	98.71	130.23	0.75	61.67	16.93
TOTAL		16.97	111.18	146.31	0.78	62.20	17.43
Onsite		2028					
	Off-Road	1.37	12.47	16.08	0.03	0.53	0.50
	Total	1.37	12.47	16.08	0.03	0.53	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.49	92.63	32.10	0.34	8.91	2.66
	Worker	13.11	6.07	98.12	0.41	52.77	14.27
	Total	15.60	98.71	130.23	0.75	61.67	16.93
TOTAL		16.97	111.18	146.31	0.78	62.20	17.43

Building Construction 2029							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2029 Summer					
	Off-Road	1.37	12.47	16.08	0.03	0.53	0.50
	Total	1.37	12.47	16.08	0.03	0.53	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.45	91.68	31.99	0.33	8.91	2.66
	Worker	12.42	5.65	92.91	0.40	52.74	14.25
	Total	14.87	97.33	124.90	0.74	61.65	16.91
TOTAL		16.24	109.80	140.98	0.76	62.18	17.41
Onsite		2029					
	Off-Road	1.37	12.47	16.08	0.03	0.53	0.50
	Total	1.37	12.47	16.08	0.03	0.53	0.50
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.45	91.68	31.99	0.33	8.91	2.66
	Worker	12.42	5.65	92.91	0.40	52.74	14.25
	Total	14.87	97.33	124.90	0.74	61.65	16.91
TOTAL		16.24	109.80	140.98	0.76	62.18	17.41
Building Construction 2030							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2030 Summer					
	Off-Road	1.31	7.93	16.16	0.03	0.15	0.15
	Total	1.31	7.93	16.16	0.03	0.15	0.15
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.41	90.80	31.89	0.33	8.90	2.66
	Worker	11.71	5.25	88.09	0.39	52.73	14.24
	Total	14.12	96.05	119.98	0.73	61.63	16.89
TOTAL		15.43	103.98	136.13	0.76	61.78	17.04
Onsite		2030					
	Off-Road	1.31	7.93	16.16	0.03	0.15	0.15
	Total	1.31	7.93	16.16	0.03	0.15	0.15
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.41	90.80	31.89	0.33	8.90	2.66
	Worker	11.71	5.25	88.09	0.39	52.73	14.24
	Total	14.12	96.05	119.98	0.73	61.63	16.89
TOTAL		15.43	103.98	136.13	0.76	61.78	17.04
Building Construction 2031							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2031 Summer					
	Off-Road	1.31	7.93	16.16	0.03	0.15	0.15
	Total	1.31	7.93	16.16	0.03	0.15	0.15
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.38	89.80	31.85	0.33	8.90	2.66
	Worker	10.91	4.87	83.52	0.38	52.71	14.22
	Total	13.28	94.67	115.37	0.72	61.61	16.87
TOTAL		14.59	102.60	131.53	0.75	61.76	17.02
Onsite		2031					
	Off-Road	1.31	7.93	16.16	0.03	0.15	0.15
	Total	1.31	7.93	16.16	0.03	0.15	0.15
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.38	89.80	31.85	0.33	8.90	2.66
	Worker	10.91	4.87	83.52	0.38	52.71	14.22
	Total	13.28	94.67	115.37	0.72	61.61	16.87
TOTAL		14.59	102.60	131.53	0.75	61.76	17.02

Building Construction 2032			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2032 Summer						
	Off-Road		1.3091	7.9346	16.157	0.031	0.1481	0.1481
	Total		1.3091	7.9346	16.157	0.031	0.1481	0.1481
Offsite								
	Hauling		0	0	0	0	0	0
	Vendor		2.3546	89.041	31.8489	0.3295	8.9002	2.6537
	Worker		10.1968	4.5422	79.393	0.3775	52.6921	14.2052
	Total		12.5514	93.5832	111.2419	0.707	61.5922	16.8589
TOTAL			13.86	101.52	127.40	0.74	61.74	17.01
Onsite		2032						
	Off-Road		1.31	7.93	16.16	0.03	0.15	0.15
	Total		1.31	7.93	16.16	0.03	0.15	0.15
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		2.35	89.04	31.85	0.33	8.90	2.65
	Worker		10.20	4.54	79.39	0.38	52.69	14.21
	Total		12.55	93.58	111.24	0.71	61.59	16.86
TOTAL			13.86	101.52	127.40	0.74	61.74	17.01
Building Construction 2033			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2033 Summer						
	Off-Road		1.31	7.93	16.16	0.03	0.15	0.15
	Total		1.31	7.93	16.16	0.03	0.15	0.15
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		2.34	88.34	31.86	0.33	8.90	2.65
	Worker		9.59	4.27	75.82	0.37	52.68	14.19
	Total		11.93	92.60	107.68	0.70	61.58	16.84
TOTAL			13.23	100.54	123.84	0.73	61.73	16.99
Onsite		2033						
	Off-Road		1.31	7.93	16.16	0.03	0.15	0.15
	Total		1.31	7.93	16.16	0.03	0.15	0.15
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		2.34	88.34	31.86	0.33	8.90	2.65
	Worker		9.59	4.27	75.82	0.37	52.68	14.19
	Total		11.93	92.60	107.68	0.70	61.58	16.84
TOTAL			13.23	100.54	123.84	0.73	61.73	16.99
Building Construction 2034			ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2034 Summer						
	Off-Road		1.31	7.93	16.16	0.03	0.15	0.15
	Total		1.31	7.93	16.16	0.03	0.15	0.15
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		2.32	87.68	31.84	0.33	8.90	2.65
	Worker		9.07	4.03	72.43	0.37	52.67	14.18
	Total		11.39	91.71	104.27	0.69	61.56	16.83
TOTAL			12.70	99.65	120.43	0.72	61.71	16.98
Onsite		2034						
	Off-Road		1.31	7.93	16.16	0.03	0.15	0.15
	Total		1.31	7.93	16.16	0.03	0.15	0.15
Offsite								
	Hauling		0.00	0.00	0.00	0.00	0.00	0.00
	Vendor		2.32	87.68	31.84	0.33	8.90	2.65
	Worker		9.07	4.03	72.43	0.37	52.67	14.18
	Total		11.39	91.71	104.27	0.69	61.56	16.83
TOTAL			12.70	99.65	120.43	0.72	61.71	16.98

Building Construction 2035							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2035 Summer					
	Off-Road	1.22	7.16	16.12	0.03	0.09	0.09
	Total	1.22	7.16	16.12	0.03	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.30	87.14	31.80	0.33	8.90	2.65
	Worker	8.63	3.85	69.57	0.36	52.65	14.17
	Total	10.93	90.99	101.37	0.69	61.55	16.82
TOTAL		12.15	98.15	117.49	0.72	61.64	16.91
Onsite		2035					
	Off-Road	1.22	7.16	16.12	0.03	0.09	0.09
	Total	1.22	7.16	16.12	0.03	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.30	87.14	31.80	0.33	8.90	2.65
	Worker	8.63	3.85	69.57	0.36	52.65	14.17
	Total	10.93	90.99	101.37	0.69	61.55	16.82
TOTAL		12.15	98.15	117.49	0.72	61.64	16.91

Building Construction 2036							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2036 Summer					
	Off-Road	1.22	7.16	16.12	0.03	0.09	0.09
	Total	1.22	7.16	16.12	0.03	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.30	87.14	31.80	0.33	8.90	2.65
	Worker	8.63	3.85	69.57	0.36	52.65	14.17
	Total	10.93	90.99	101.37	0.69	61.55	16.82
TOTAL		12.15	98.15	117.49	0.72	61.64	16.91
Onsite		2036					
	Off-Road	1.22	7.16	16.12	0.03	0.09	0.09
	Total	1.22	7.16	16.12	0.03	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.30	87.14	31.80	0.33	8.90	2.65
	Worker	8.63	3.85	69.57	0.36	52.65	14.17
	Total	10.93	90.99	101.37	0.69	61.55	16.82
TOTAL		12.15	98.15	117.49	0.72	61.64	16.91

Building Construction 2037							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2037 Summer					
	Off-Road	1.22	7.16	16.12	0.03	0.09	0.09
	Total	1.22	7.16	16.12	0.03	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.30	87.14	31.80	0.33	8.90	2.65
	Worker	8.63	3.85	69.57	0.36	52.65	14.17
	Total	10.93	90.99	101.37	0.69	61.55	16.82
TOTAL		12.15	98.15	117.49	0.72	61.64	16.91
Onsite		2037					
	Off-Road	1.22	7.16	16.12	0.03	0.09	0.09
	Total	1.22	7.16	16.12	0.03	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.30	87.14	31.80	0.33	8.90	2.65
	Worker	8.63	3.85	69.57	0.36	52.65	14.17
	Total	10.93	90.99	101.37	0.69	61.55	16.82
TOTAL		12.15	98.15	117.49	0.72	61.64	16.91

Building Construction 2038							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2038 Summer					
	Off-Road	1.22	7.16	16.12	0.03	0.09	0.09
	Total	1.22	7.16	16.12	0.03	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.30	87.14	31.80	0.33	8.90	2.65
	Worker	8.63	3.85	69.57	0.36	52.65	14.17
	Total	10.93	90.99	101.37	0.69	61.55	16.82
TOTAL		12.15	98.15	117.49	0.72	61.64	16.91
Onsite		2038					
	Off-Road	1.22	7.16	16.12	0.03	0.09	0.09
	Total	1.22	7.16	16.12	0.03	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.30	87.14	31.80	0.33	8.90	2.65
	Worker	8.63	3.85	69.57	0.36	52.65	14.17
	Total	10.93	90.99	101.37	0.69	61.55	16.82
TOTAL		12.15	98.15	117.49	0.72	61.64	16.91
Building Construction 2039							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2039 Summer					
	Off-Road	1.22	7.16	16.12	0.03	0.09	0.09
	Total	1.22	7.16	16.12	0.03	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.30	87.14	31.80	0.33	8.90	2.65
	Worker	8.63	3.85	69.57	0.36	52.65	14.17
	Total	10.93	90.99	101.37	0.69	61.55	16.82
TOTAL		12.15	98.15	117.49	0.72	61.64	16.91
Onsite		2039					
	Off-Road	1.22	7.16	16.12	0.03	0.09	0.09
	Total	1.22	7.16	16.12	0.03	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	2.30	87.14	31.80	0.33	8.90	2.65
	Worker	8.63	3.85	69.57	0.36	52.65	14.17
	Total	10.93	90.99	101.37	0.69	61.55	16.82
TOTAL		12.15	98.15	117.49	0.72	61.64	16.91
Paving 2021							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2021 Summer					
	Off-Road	1.26	12.92	14.65	0.02	0.68	0.62
	Paving	0.06				0.00	0.00
	Total	1.32	12.92	14.65	0.02	0.68	0.62
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.05	0.03	0.46	0.00	0.16	0.04
	Total	0.05	0.03	0.46	0.00	0.16	0.04
TOTAL		1.37	12.95	15.11	0.02	0.83	0.67
Onsite		2021					
	Off-Road	1.26	12.92	14.65	0.02	0.68	0.62
	Paving	0.06	0.00	0.00	0.00	0.00	0.00
	Total	1.32	12.92	14.65	0.02	0.68	0.62
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.05	0.03	0.46	0.00	0.16	0.04
	Total	0.05	0.03	0.46	0.00	0.16	0.04
TOTAL		1.37	12.95	15.11	0.02	0.83	0.67

Paving 2022							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2022 Summer					
	Off-Road	1.10	11.12	14.58	0.02	0.57	0.52
	Paving	0.06				0.00	0.00
	Total	1.17	11.12	14.58	0.02	0.57	0.52
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.05	0.03	0.43	0.00	0.16	0.04
	Total	0.05	0.03	0.43	0.00	0.16	0.04
TOTAL		1.22	11.15	15.01	0.02	0.72	0.56
Onsite		2022					
	Off-Road	1.10	11.12	14.58	0.02	0.57	0.52
	Paving	0.06	0.00	0.00	0.00	0.00	0.00
	Total	1.17	11.12	14.58	0.02	0.57	0.52
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.05	0.03	0.43	0.00	0.16	0.04
	Total	0.05	0.03	0.43	0.00	0.16	0.04
TOTAL		1.22	11.15	15.01	0.02	0.72	0.56

Paving 2023							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2023 Summer					
	Off-Road	1.03	10.19	14.58	0.02	0.51	0.47
	Paving	0.06				0.00	0.00
	Total	1.10	10.19	14.58	0.02	0.51	0.47
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.05	0.03	0.40	0.00	0.16	0.04
	Total	0.05	0.03	0.40	0.00	0.16	0.04
TOTAL		1.15	10.22	14.98	0.02	0.67	0.51
Onsite		2023					
	Off-Road	1.03	10.19	14.58	0.02	0.51	0.47
	Paving	0.06	0.00	0.00	0.00	0.00	0.00
	Total	1.10	10.19	14.58	0.02	0.51	0.47
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.05	0.03	0.40	0.00	0.16	0.04
	Total	0.05	0.03	0.40	0.00	0.16	0.04
TOTAL		1.15	10.22	14.98	0.02	0.67	0.51

Paving 2024							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2024 Summer					
	Off-Road	0.99	9.52	14.63	0.02	0.47	0.43
	Paving	0.06				0.00	0.00
	Total	1.05	9.52	14.63	0.02	0.47	0.43
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.05	0.02	0.37	0.00	0.16	0.04
	Total	0.05	0.02	0.37	0.00	0.16	0.04
TOTAL		1.10	9.55	14.99	0.02	0.62	0.47
Onsite		2024					
	Off-Road	0.99	9.52	14.63	0.02	0.47	0.43
	Paving	0.06	0.00	0.00	0.00	0.00	0.00
	Total	1.05	9.52	14.63	0.02	0.47	0.43
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.05	0.02	0.37	0.00	0.16	0.04
	Total	0.05	0.02	0.37	0.00	0.16	0.04
TOTAL		1.10	9.55	14.99	0.02	0.62	0.47

Paving 2025							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2025 Summer					
	Off-Road	0.92	8.58	14.58	0.02	0.42	0.39
	Paving	0.06				0.00	0.00
	Total	0.98	8.58	14.58	0.02	0.42	0.39
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.04	0.02	0.34	0.00	0.16	0.04
	Total	0.04	0.02	0.34	0.00	0.16	0.04
TOTAL		1.02	8.60	14.92	0.02	0.57	0.43
Onsite		2025					
	Off-Road	0.92	8.58	14.58	0.02	0.42	0.39
	Paving	0.06	0.00	0.00	0.00	0.00	0.00
	Total	0.98	8.58	14.58	0.02	0.42	0.39
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.04	0.02	0.34	0.00	0.16	0.04
	Total	0.04	0.02	0.34	0.00	0.16	0.04
TOTAL		1.02	8.60	14.92	0.02	0.57	0.43

Architectural Coating 2021							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2021 Summer					
	Archit. Coating	18.11				0.00	0.00
	Off-Road	0.22	1.53	1.82	0.00	0.09	0.09
	Total	18.33	1.53	1.82	0.00	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	3.68	2.23	30.95	0.11	10.57	2.87
	Total	3.68	2.23	30.95	0.11	10.57	2.87
TOTAL		22.01	3.75	32.77	0.11	10.67	2.96
Onsite		2021					
	Archit. Coating	18.11	0.00	0.00	0.00	0.00	0.00
	Off-Road	0.22	1.53	1.82	0.00	0.09	0.09
	Total	18.33	1.53	1.82	0.00	0.09	0.09
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	3.68	2.23	30.95	0.11	10.57	2.87
	Total	3.68	2.23	30.95	0.11	10.57	2.87
TOTAL		22.01	3.75	32.77	0.11	10.67	2.96

Architectural Coating 2022							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2022 Summer					
	Archit. Coating	18.11				0.00	0.00
	Off-Road	0.20	1.41	1.81	0.00	0.08	0.08
	Total	18.31	1.41	1.81	0.00	0.08	0.08
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	3.48	2.02	28.89	0.10	10.57	2.87
	Total	3.48	2.02	28.89	0.10	10.57	2.87
TOTAL		21.79	3.42	30.70	0.11	10.65	2.95
Onsite		2022					
	Archit. Coating	18.11	0.00	0.00	0.00	0.00	0.00
	Off-Road	0.20	1.41	1.81	0.00	0.08	0.08
	Total	18.31	1.41	1.81	0.00	0.08	0.08
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	3.48	2.02	28.89	0.10	10.57	2.87
	Total	3.48	2.02	28.89	0.10	10.57	2.87
TOTAL		21.79	3.42	30.70	0.11	10.65	2.95

Architectural Coating 2023							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2023 Summer					
	Archit. Coating	18.11				0.00	0.00
	Off-Road	0.19	1.30	1.81	0.00	0.07	0.07
	Total	18.30	1.30	1.81	0.00	0.07	0.07
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	3.29	1.83	26.94	0.10	10.57	2.87
	Total	3.29	1.83	26.94	0.10	10.57	2.87
TOTAL		21.59	3.13	28.75	0.10	10.64	2.94
Onsite		2023					
	Archit. Coating	18.11	0.00	0.00	0.00	0.00	0.00
	Off-Road	0.19	1.30	1.81	0.00	0.07	0.07
	Total	18.30	1.30	1.81	0.00	0.07	0.07
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	3.29	1.83	26.94	0.10	10.57	2.87
	Total	3.29	1.83	26.94	0.10	10.57	2.87
TOTAL		21.59	3.13	28.75	0.10	10.64	2.94
Architectural Coating 2024							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2024 Summer					
	Archit. Coating	18.11				0.00	0.00
	Off-Road	0.18	1.22	1.81	0.00	0.06	0.06
	Total	18.29	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	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	3.13	1.67	25.08	0.10	10.57	2.87
	Total	3.13	1.67	25.08	0.10	10.57	2.87
TOTAL		21.42	2.89	26.89	0.10	10.63	2.93
Onsite		2024					
	Archit. Coating	18.11	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	18.29	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	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	3.13	1.67	25.08	0.10	10.57	2.87
	Total	3.13	1.67	25.08	0.10	10.57	2.87
TOTAL		21.42	2.89	26.89	0.10	10.63	2.93
Architectural Coating 2025							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite		2025 Summer					
	Archit. Coating	18.11				0.00	0.00
	Off-Road	0.17	1.15	1.81	0.00	0.05	0.05
	Total	18.28	1.15	1.81	0.00	0.05	0.05
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	2.99	1.53	23.41	0.09	10.57	2.87
	Total	2.99	1.53	23.41	0.09	10.57	2.87
TOTAL		21.27	2.67	25.22	0.09	10.62	2.92
Onsite		2025					
	Archit. Coating	18.11	0.00	0.00	0.00	0.00	0.00
	Off-Road	0.17	1.15	1.81	0.00	0.05	0.05
	Total	18.28	1.15	1.81	0.00	0.05	0.05
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	2.99	1.53	23.41	0.09	10.57	2.87
	Total	2.99	1.53	23.41	0.09	10.57	2.87
TOTAL		21.27	2.67	25.22	0.09	10.62	2.92

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
<i>Demolition, Demolition Haul, Site Preparation, Grading, Building Construction, Paving, Architectural Coating</i>	62.91	330.67	343.22	1.29	102.17	34.78
<i>Demolition, Demolition Haul, Grading, Building Construction, Paving, and Architectural Coating</i>	58.94	289.75	321.42	1.24	92.19	28.59
<i>Grading, Building Construction, Paving, and Architectural Coating</i>	54.50	230.95	288.18	1.13	80.32	25.15
<i>Building Construction, Paving, and Architectural Coating (2021)</i>	50.22	184.13	256.59	1.06	74.40	21.72
<i>Building Construction, Paving, and Architectural Coating (2022)</i>	48.31	171.52	242.61	1.03	74.08	21.42
<i>Building Construction, Paving, and Architectural Coating (2023)</i>	46.00	135.83	228.37	1.00	73.76	21.12
<i>Building Construction, Paving, and Architectural Coating (2024)</i>	42.34	131.59	216.43	0.97	73.61	20.97
<i>Building Construction, Paving, and Architectural Coating (2025)</i>	41.25	127.51	205.90	0.95	73.45	20.83
<i>Building Construction 2025</i>	18.95	116.23	165.76	0.83	62.26	17.48
<i>Building Construction 2026</i>	18.28	114.38	158.38	0.81	62.25	17.47
<i>Building Construction 2027</i>	17.64	112.66	151.93	0.79	62.23	17.45
<i>Building Construction 2028</i>	16.97	111.18	146.31	0.78	62.20	17.43
<i>Building Construction 2029</i>	16.24	109.80	140.98	0.76	62.18	17.41
<i>Building Construction 2030</i>	15.43	103.98	136.13	0.76	61.78	17.04
<i>Building Construction 2031</i>	14.59	102.60	131.53	0.75	61.76	17.02
<i>Building Construction 2032</i>	13.86	101.52	127.40	0.74	61.74	17.01
<i>Building Construction 2033</i>	13.23	100.54	123.84	0.73	61.73	16.99
<i>Building Construction 2034</i>	12.70	99.65	120.43	0.72	61.71	16.98
<i>Building Construction 2035</i>	12.15	98.15	117.49	0.72	61.64	16.91
<i>Building Construction 2036</i>	12.15	98.15	117.49	0.72	61.64	16.91
<i>Building Construction 2037</i>	12.15	98.15	117.49	0.72	61.64	16.91
<i>Building Construction 2038</i>	12.15	98.15	117.49	0.72	61.64	16.91
<i>Building Construction 2039</i>	12.15	98.15	117.49	0.72	61.64	16.91
MAX DAILY	62.91	330.67	343.22	1.29	102.17	34.78
Regional Thresholds	75	100	550	150	150	55
Exceeds Thresholds?	No	Yes	No	No	No	No

Regional Operation Emissions Worksheet: Buildout Year 2040

Source: ;CalEEMod, Version 2016.3.2.25

Existing Conditions (Year 2020)

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32	0	1	0	0	0
Energy	0	1	1	0	0	0
Mobile	42	164	518	2	156	43
Total	74	165	519	2	156	43

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32	0	1	0	0	0
Energy	0	1	1	0	0	0
Mobile	42	169	500	2	156	43
Total	74	169	502	2	156	43

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32	0	1	0	0	0
Energy	0	1	1	0	0	0
Mobile	42	169	518	2	156	43
Total	74	169	519	2	156	43

Existing Conditions at Buildout Year 2040

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32	0	1	0	0	0
Energy	0	1	1	0	0	0
Mobile	28	60	316	1	154	42
Total	60	61	318	1	154	42

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32	0	1	0	0	0
Energy	0	1	1	0	0	0
Mobile	29	63	305	1	154	42
Total	62	64	306	1	154	42

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	32	0	1	0	0	0
Energy	0	1	1	0	0	0
Mobile	29	63	316	1	154	42
Total	62	64	318	1	154	42

WMSP Project Buildout (Year 2040)**Summer**

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	107	3	247	0	1	1
Energy	1	10	5	0	1	1
Mobile	86	372	959	3	279	77
Total	194	385	1,211	3	281	79

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	107	3	247	0	1	1
Energy	1	10	5	0	1	1
Mobile	85	379	935	3	279	77
Total	192	392	1,188	3	281	79

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	107	3	247	0	1	1
Energy	1	10	5	0	1	1
Mobile	86	379	959	3	279	77
Total	194	392	1,211	3	281	79

Net Change**Max Daily**

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	75	3	246	0	1	1
Energy	1	10	5	0	1	1
Mobile	56	316	642	2	125	35
Total	132	328	894	2	127	38
Regional Thresholds (lb/day)	55	55	55	55	55	55
Exceeds Thresholds?	Yes	Yes	Yes	No	Yes	No

GHG Emissions Inventory

Source: CalEEMod Version 2016.3.2.25

MTCO₂e=metric tons of carbon dioxide equivalent.

Construction

	<u>MTCO₂e Total Project*</u>
2021	13,702
2022	12,219
2023	11,810
2024	11,595
2025	10,923
2026	9,692
2027	9,504
2028	9,305
2029	9,197
2030	9,111
2031	8,992
2032	8,932
2033	8,784
2034	8,715
2035	8,690
2036	8,724
2037	8,690
2038	8,690
2039	8,657
Total Construction	185,932

Operation*

	Existing Conditions (2020)		WMSP Project (2040)		Net Change	
	MTCO ₂ e/Year	Percent	MTCO ₂ e/Year	Percent	MTCO ₂ e/Year	Percent
Area	0	0%	52	0%	52	0%
Energy	4,883	17%	15,193	22%	10,309	26%
Mobile	23,660	81%	45,818	66%	22,158	55%
Solid Waste	718	2%	1,434	2%	716	2%
Water	97	0%	621	1%	524	1%
30-Yr Amortized Construction ¹		0%	6,198	9%	6,198	16%
Total	29,359	100%	69,316	100%	39,957	100%
SCAQMD Bright-Line Screening Threshold					3,000	
Exceed Threshold?					Yes	

Notes

- Total construction emissions are amortized over 30 years per SCAQMD methodology; SCAQMD. 2009, November 19. Greenhouse Gases (GHG) CEQA Significance Thresholds Working Group Meeting 14. [http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-\(ghg\)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-14/ghg-meeting-14-main-presentation.pdf?sfvrsn=2](http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-14/ghg-meeting-14-main-presentation.pdf?sfvrsn=2).

Project CalEEMod Assumptions

CalEEMod Inputs - Creekside Residential Development, Construction

Name: Westminster Mall Specific Plan
Project Number: CWE-16
Project Location: 1025 Westminster Mall, Westminster, CA 92683
County: Orange County
Source Receptor Area (SRA): 17- Central Orange County
Climate Zone: 8
Land Use Setting: Urban
Operational Year: 2023
Utility Company: Southern California Edison
Air Basin: South Coast Air Basin
Air District: South Coast Air Quality Management District (SCAQMD)

Project Site Acreage	102.82
Disturbed Site Acreage	84.16

Project Components	SQFT	SQFT	Acres	Percent Demoad
<i>Existing</i>	<i>Existing</i>	<i>Demolished</i>		
Existing Building	1,360,000	1,020,000	23.42	75%
Asphalt Demo	2,646,213	2,646,213	60.75	100%
<i>Project</i>				
	Number of Units	Total SQFT**	Acres	
Regional Shopping Center		180,000	4.13	
Hotel (3-stories)	425	233,750	1.79	
3-Story Rowtown	300	300,000	2.30	
4-6 Story Wrap/mini podium	1,200	1,200,000	5.51	
8-10 Story Podium	1,500	1,500,000	3.83	
	Spaces	Total SQFT	Acres	
Retail Parking	5,540	1,825,760	8.38	
Surface Parking		456,440	10.48	
Hotel Parking	255	342,330	3.93	
Rowtown Parking	675	342,330	0.00	
4-6 Story Wrap/mini podium parking	2,196	798,770	0.00	
8-10 Story Podium parking	2,745	798,770	4.58	
TOTAL PARKING	11,411	4,564,400	27.375	
Total Other Asphalt Surfaces*		880,773	20.22	
Open Space		366,621	8.42	
Other Non-Asphalt Surfaces		461,786	10.60	

*assuming repaving of ROW and easement

** Square footage of the residential and hotel units are based on CalEEMod defaults

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Retail	Regional Shopping Center	180.00	1000 sqft	4.13	180,000

Recreational	Hotel	425.00	Rooms	1.79	233,750
Residential Housing	Condo/Townhouse	300.00	DU	2.30	300,000
Residential Housing	Apartment Mid Rise	1,200.00	DU	5.51	1,200,000
Residential Housing	Apartment High Rise	1,500.00	DU	3.83	1,500,000
Retail Parking	Enclosed Parking Structure with Elevator	1,825.76	1000 sqft	8.38	1,825,760
Surface Parking	Parking Lot	456.44	1000 sqft	10.48	456,440
Hotel Parking	Enclosed Parking Structure with Elevator	342.33	1000 sqft	3.93	342,330
Rowtown Parking	Enclosed Parking Structure with Elevator	342.33	1000 sqft	0.00	342,330
4-6 Story Wrap/mini podium parking	Enclosed Parking Structure with Elevator	798.77	1000 sqft	0.00	798,770
8-10 Story Podium parking	Enclosed Parking Structure with Elevator	798.77	1000 sqft	4.58	798,770
Parking	Other Asphalt Surfaces	880.77	1000 sqft	20.22	880,773
Parking	Other Non-asphalt Surfaces	828.41	1000. sqft	19.02	828,407
				84.16	

Demolition

Component	Amount to be Demolished (Tons)	Haul Truck Capacity (tons)	**	Total Trip Ends	Trip Ends/ day	Total Days
Building	46,920	20	24	4,692	47	100
Asphalt*	39,203	20	24	3,921	39	100
Total	86,123			8,613		

* Assumes 50% of asphalt will be reprocessed onsite.

**Haul Distance based on the trip length to the Frank Bowerman Canyon Landfill.

Architectural Coating

Percentage of Building Painted	
Interior Painted:	100%
Exterior Painted:	100%

Rule 1113

	Residential		Nonresidential	
Interior Paint VOC content:	50	grams per liter	Interior Paint VOC content:	50
Exterior Paing VOC content:	50	grams per liter	Exterior Paing VOC content:	100

Residential Structures	Land Use Square Feet	CalEEMod Factor ²	Total Paintable Surface Area	Paintable Interior Area ¹	Paintable Exterior Area ¹
NonResidential					
Regional Shopping Center	180,000	2.0	360,000	270,000	90,000
Hotel (3-stories)	233,750	2.0	467,500	350,625	116,875
			827,500	620,625	206,875
Residential					
3-Story Rowtown	300,000	2.7	810,000	607,500	202,500
4-6 Story Wrap/mini podium	1,200,000	2.7	3,240,000	2,430,000	810,000
8-10 Story Podium	1,500,000	2.7	4,050,000	3,037,500	1,012,500
			8,100,000	6,075,000	2,025,000
Parking					
Parking	4,564,400	6%	273,864	-	273,864
			273,864		273,864

¹CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.

²The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user. Architectural coatings for

Southern California Edison Carbon Intensity Factors

CO ₂ : ¹	510.44	pounds per megawatt hour
CH ₄ : ²	0.029	pound per megawatt hour
N ₂ O: ²	0.00617	pound per megawatt hour

¹ Based on the SCE Carbon Intensity provided in the 2018 SCE Sustainability Report

² CalEEMod default values.

Global Warming Potentials (GWP)		
	AR4	AR5
CO ₂	1	1
CH ₄	25	28
N ₂ O	298	265

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

Construction Mitigation

SCAQMD Rule 403

Replace Ground Cover PM10: 5 % Reduction

Replace Ground Cover	PM2.5:	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: Westminster Mall Specific Plan

* CalEEMod defaults based on info provided by applicant, normalized to fit duration provided by applicant

CalEEMod Defaults

		Construction Schedule	
Construction Activities	Phase Type	Start Date	End Date
Demolition	Demolition	1/1/2021	5/20/2021
Demolition Haul	Demolition	1/1/2021	5/20/2021
Site Preparation	Site Preparation	1/1/2021	3/25/2021
Grading	Grading	1/1/2021	8/5/2021
Building Construction	Building Construction	1/1/2021	12/10/2026
Paving	Paving	1/1/2021	6/3/2021
Architectural Coating	Architectural Coating	1/1/2021	6/3/2021

CalEEMod Inputs

Construction Activities	Phase Type	Start Date	End Date
Demolition	Demolition	1/1/2021	5/20/2021
Demolition Haul	Demolition	1/1/2021	5/20/2021
Site Preparation	Site Preparation	1/1/2021	3/25/2021
Grading	Grading	1/1/2021	8/5/2021
Building Construction*	Building Construction	1/1/2021	12/31/2039
Paving**	Paving	1/1/2021	10/1/2025
Architectural Coating**	Architectural Coating	1/1/2021	10/1/2025

*building construction normalized to fit starting year to buildout year

**paving and architectural coating durations are 25% of building construction duration

CalEEMod Duration (Workday)
100
100
60
155
1550
110
110

CalEEMod Duration (Workday)
100
100
60
155
4956
1239
1239

CalEEMod Construction Off-Road Equipment Inputs

*Based on data provided by applicant, CalEEMod default used for construction equipment

General Construction Hours: 8 hours btwn 7:00 AM to 4:00 PM (with 1 hr break), Mon-Fri

Construction Equipment Details					
Equipment	# of Equipment	hr/day	hp	load factor*	total trips
Demolition					
Concrete/Industrial Saws	1	8	81	0.73	
Excavators	3	8	158	0.38	
Rubber Tired Dozers	2	8	247	0.4	
Rock Crusher	1	8	85	0.78	
Worker Trips					18
Vendor Trips					0
Hauling Trips					0
Water Trucks					4
Demolition Haul					
no additional equipment needed for Demo Haul					
Worker Trips					0
Vendor Trips					0
Hauling Trips					8613
Site Preparation					
Rubber Tired Dozers	3	8	247	0.4	
Tractors/Loaders/Backhoes	4	8	97	0.37	
Worker Trips					18
Vendor Trips					0
Hauling Trips					0
Water Trucks					4
Grading					
Excavators	2	8	158	0.38	
Graders	1	8	187	0.41	
Rubber Tired Dozers	1	8	247	0.4	
Scrapers	2	8	367	0.48	
Tractors/Loaders/Backhoes	2	8	97	0.37	
Worker Trips					20
Vendor Trips					0
Hauling Trips					0
Water Trucks					4
Building Construction					
Cranes	1	7	231	0.29	
Forklifts	3	8	89	0.2	
Generator Sets	1	8	84	0.74	

Tractors/Loaders/Backhoes	3	7	97	0.37	
Welders	1	8	46	0.45	
Worker Trips					5,093
Vendor Trips					1,472
Hauling Trips					0
Paving					
Pavers	2	8	130	0.42	
Paving Equipment	2	8	132	0.36	
Rollers	2	8	80	0.38	
Worker Trips					15
Vendor Trips					0
Hauling Trips					0
Water Trucks					0
Architectural Coating					
Air Compressors	1	6	78	0.48	
Worker Trips					1,019
Vendor Trips					0
Hauling Trips					0

CalEEMod Inputs - Westminster Mall Specific Plan, Existing Conditions

Name: Westminster Mall Specific Plan
Project Number: CWE-16
Project Location: 1025 Westminster Mall,
 Westminster, CA 92683
County: Orange County
Source Receptor Area (SRA): 17- Central Orange County
Climate Zone: 8
Land Use Setting: Urban
Operational Year: 2023
Utility Company: Southern California Edison
Air Basin: South Coast Air Basin
Air District: South Coast Air Quality Management District (SCAQMD)

Project Site Acreage 102.82
 Disturbed Site Acreage 91.97 Includes roadway improvements

Project Components	Existing SQFT	Existing Acres**
Existing Building		
Retail	1,292,000	14.83
Restaurant	68,000	0.78
Subtotal	1,360,000	15.61

** to account for 2 story mall.

Other	Spaces	SQFT	Acres
Parking Spaces	5,818	2,327,200	53.43
Driveways and Hardscape		1,431,990	32.87
Landscaping		39,640	0.91

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage**	Land Use Square Feet*
Retail	Regional Shopping Center	1,360.000	1000sqft	15.61	1,360,000
Parking	Parking Lot	5,818.000	spaces	53.43	2,327,200
Parking	Other Asphalt Surfaces	1,431.990	1000sqft	32.87	1,431,990
Parking	Other Non-Asphalt Surfaces	39.640	1000sqft	0.91	39,640
				102.82	

Trip Calculation

Source: Fehr and Peers. 2020, May. Creekside Traffic Impact Analysis Westminster Mall Specific Plan.

Trips						
Land Use Type	Average Daily Trips*	CalEEMod Trip Rate	Saturday Trips	CalEEMod Trip Rate	Sunday Trips	CalEEMod Trip Rate
Retail	25,670	17.57	29,252	20.00	7,174	4.91
Internal Capture	1,770		2,048		502	
Total Daily Trips	23,900		27,204		6,672	

TRIP LENGTH			
Trips	Weekday VMT	Weekday Trips	Average Trip Length (mi/trip)*
Total Trips	175,172	23,900	7.33

*Weekday trip lengths assumed to be the same for weekend trip lengths

TRIP TYPES - CalEEMod Defaults	
Trip Types	Percentage of Trips
Commercial to Commercial	64.7%
Commercial to Work	16.3%
Commercial to Nonwork	19.0%
TOTAL	100%

TRIP PERCENTAGE			
Trip Percentage	PR_TP	DV_TP	PB_TP
CalEEMod Default	54%	35%	11%
Modified	100%	0	0

Existing Water Use

CalEEMod Defaults

Land Use	Indoor*	Outdoor	Total (gal/yr)
CalEEMod Defaults			
Regional Shopping Center	100,738,629	61,743,031	162,481,660
PROJECT WSA (see DEIR Table 5.10-7)			
Regional Shopping Center	17,093,680	8,511,070	25,604,750

*Assumes 100% aerobic treatment.

Existing Solid Waste

Land Use	Total Solid Waste (tons/yr)
CalEEMod Defaults	
Regional Shopping Center	1,428

Architectural Coating

Percentage of Proposed Buildings'

Interior Painted: 100%

Percentage of Proposed Buildings'

Exterior Painted: 100%

Rule 1113

Non-Res Interior Paint VOC content: 100 grams per liter

Non-Res Exterior Paing VOC content: 100 grams per liter

Residential Structures	Land Use Square Feet	CalEEMod Factor ²	Total Paintable Surface Area	Paintable Interior Area ¹	Paintable Exterior Area ¹
NonResidential					
Regional Shopping Center	1,360,000	2.0	2,720,000	2,040,000	680,000
			2,720,000	2,040,000	680,000
Parking					
Parking	2,327,200	6%	139,632	-	139,632
			139,632		139,632

¹CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.

²The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user. Architectural coatings for

Electricity (Buildings)

Existing Energy

Existing building square footage (1970s construction) is modeled using historic energy demand rates in CalEEMod. Modeling is conservative because the net increase in energy use due to the project is likely smaller than reflected due to improved building energy efficiency between the project and existing land uses.

Southern California Edison Carbon Intensity Factors

CO2: ¹	510.44	pounds per megawatt hour
CH4: ²	0.029	pound per megawatt hour
N2O: ²	0.00617	pound per megawatt hour

¹ Based on the SCE Carbon Intensity provided in the 2018 SCE Sustainability Report

² CalEEMod default values.

Global Warming Potentials (GWP)		
	AR4	AR5
CO ₂	1	1
CH ₄	25	28
N ₂ O	298	265

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

CalEEMod Inputs - Westminster Mall Specific Plan, Existing Conditions

Name: Westminster Mall Specific Plan
Project Number: CWE-16
Project Location: 1025 Westminster Mall,
 Westminister, CA 92683
County: Orange County
Source Receptor Area (SRA): 17- Central Orange County
Climate Zone: 8
Land Use Setting: Urban
Operational Year: 2023
Utility Company: Southern California Edison
Air Basin: South Coast Air Basin
Air District: South Coast Air Quality Management District (SCAQMD)

Project Site Acreage 102.82

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage**	Land Use Square Feet*
Retail	Regional Shopping Center	1,020.000	1000sqft	11.71	1,020,000
Commercial	Office	180.000	1000sqft	2.07	180,000
Recreational	Hotel	425.000	Rooms	1.79	233,750
3-Story Rowtown Houses***	Condo/Townhouse	300	DU	2.30	300,000
4-6 Story Wrap/mini podium***	Apartments Mid-Rise	1,200	DU	5.51	1,200,000
8-10 Story Podium***	Apartments High-Rise	1,500	DU	3.83	1,500,000
Retail Parking	Enclosed Parking Structure with Elevator	1,825.760	1000 sqft	8.38	1,825,760
Surface Parking	Parking Lot	456.440	1000 sqft	10.48	456,440
Hotel Parking	Enclosed Parking Structure with Elevator	342.330	1000 sqft	3.93	342,330
Rowtown Parking	Enclosed Parking Structure with Elevator	342.330	1000 sqft	0.00	342,330
4-6 Story Wrap/mini podium park	Enclosed Parking Structure with Elevator	798.770	1000 sqft	0.00	798,770
8-10 Story Podium parking	Enclosed Parking Structure with Elevator	798.770	1000 sqft	4.58	798,770
Parking	Other Asphalt Surfaces	880.773	1000 sqft	20.22	880,773
Parking	Other Non-asphalt Surfaces	828.407	1000. sqft	28.03	828,407
				102.82	

** Acreage based on a 2 story mall and 3 story hotel

*** sqft of residential housing and hotel are based on CalEEMod Defaults

Trip Calculation

Source: Fehr and Peers. 2020, May. Creekside Traffic Impact Analysis Westminster Mall Specific Plan.

Trips						
Land Use Type	Average Daily Trips*	CalEEMod Trip Rate	Saturday Trips*	CalEEMod Trip Rate	Sunday Trips*	CalEEMod Trip Rate

Retail	36,411	35.70	39,327	38.56	18,939	18.57
Office	1,466	8.14	333	1.85	111	0.62
Hotel	2,970	6.99	4,360	10.26	3,336	7.85
Multifamily Residential	13,644	4.55	12,314	4.10	10,798	3.60

*Internal Capture. Daily trips are reduce by 16.4% (Weekday and Saturday) and 12% (Sunday) to account for internal trip capture, consistent with the traffic study.

	16.4%	16.4%	12%
Total Daily Trips	54,490	56,334	33,184

TRIP LENGTH			
Trips	Weekday VMT	Weekday Trips	Average Trip Length (mi/trip)*
Total Trips	330,568	54,490	6.07

*Weekday trip lengths assumed to be the same for weekend trip lengths

TRIP TYPES - CalEEMod Defaults				
Trip Types	Retail	Office	Hotel	Residential
Commercial to Commercial	64.7%	48.0%	61.6%	40.2%
Commercial to Work	16.3%	33.0%	19.4%	19.2%
Commercial to Nonwork	19.0%	19.0%	19.0%	40.6%
TOTAL	100%	100%	100%	100%

TRIP PERCENTAGE			
Trip Percentage	PR_TP	DV_TP	PB_TP
CalEEMod Default	54%	35%	11%
Modified	100%	0	0

Water Use

CalEEMod Defaults

Land Use	Indoor*	Outdoor	Total (gal/day)
CalEEMod Defaults			
Regional Shopping Center	75,553,972	46,307,273	121,861,245
Office	31,992,075	19,608,046	51,600,120
Hotel	10,780,877	1,197,875	11,978,753
Condo/Townhouse	19,546,208	12,322,609	31,868,817
Apartments Mid-Rise	78,184,831	49,290,437	127,475,268
Apartments High-Rise	97,731,038	61,613,046	159,344,084
Total (gal/year)	313,789,001	190,339,286	504,128,287

PROJECT WSA (see DEIR Table 5.10-7)

Retail/Office	41,323	27,808	69,131
Hotel	53,125	0	53,125
Condo/Townhouse	55,578	0	55,578
Apartments Mid-Rise	196,824	0	196,824
Apartments High-Rise	214,170	0	214,170

Total (gal/day)	561,020	27,808	588,828
Total (gal/year)	204,772,300	10,149,920	214,922,220

*Assumes 100% aerobic treatment.

Solid Waste	
Land Use	Total Solid Waste (tons/yr)
CalEEMod Defaults	
Regional Shopping Center	1,071
Office	167
Hotel	233
Condo/Townhouse	138
Apartments Mid-Rise	552
Apartments High-Rise	690
Total	2,851

Architectural Coating

		Percentage of Building Painted			
Interior Painted:		100%			
Exterior Painted:		100%			
Rule 1113		Residential		Nonresidential	
Interior Paint VOC content:	50	grams per liter	Interior Paint VOC content:	50	grams per liter
Exterior Paing VOC content:	50	grams per liter	Exterior Paing VOC content:	100	grams per liter

Residential Structures	Land Use Square Feet	CalEEMod Factor ²	Total Paintable Surface Area	Paintable Interior Area ¹	Paintable Exterior Area ¹
NonResidential					
Retail	1,020,000	2.0	2,040,000	1,530,000	510,000
Office	180,000	2.0	360,000	270,000	90,000
Hotel	233,750	2.0	467,500	350,625	116,875
			2,867,500	2,150,625	716,875
Residential					
Condo/Townhouse	300,000	2.7	810,000	607,500	202,500
Apartments Mid-Rise	1,200,000	2.7	3,240,000	2,430,000	810,000
Apartments High-Rise	1,500,000	2.7	4,050,000	3,037,500	1,012,500
			8,100,000	6,075,000	2,025,000
Parking					
Parking	4,564,400	6%	273,864	-	273,864
			273,864		273,864

¹CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.

²The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user. Architectural coatings for the parking lot is based on CalEEMod methodology applied to a surface parking lot (i.e., striping), in which 6% of surface area is painted.

Electricity (Buildings)

Modeling is conservative because the carbon intensity of electricity does not account for additional reductions from the 33% RPS and 50% RPS under SB 350. energy efficient for non-residential buildings and 7% more energy efficient for single family residential buildings than the 2016 Building and Energy Efficiency Standards.

Residential Exceed Title 24	7%	Improvement over 2016
Non-Residential Exceed Title 24	30%	Improvement over 2016

*Residential improvement over 2016 is for single-family homes only.

*Multi-family of 4 stories and higher are treated as non-residential for the Building and Energy Efficiency Standards.

Sources:

1

California Energy Commission (CEC). 2018. 2019 Building Energy and Efficiency Standards Frequently Asked Questions. Accessed on April 3, 2019.
http://www.energy.ca.gov/title24/2019standards/documents/2018_Title_24_2019_Building_Standards_FAQ.pdf

Adjusted CalEEMod Energy Use

Land Use Subtype	Title-24 Electricity Energy Intensity (kWhr/size/year)*	Nontitle-24			
		Electricity Energy Intensity (kWhr/size/year)	Lighting Energy Intensity (KWhr/size/year)	Title-24 Natural Gas Energy Intensity (KBTU/size/year)*	Nontitle-24 Natural Gas Energy Intensity (KBTU/size/year)
Apartments High Rise	125.83	3,054.10	741.44	4,138.02	5,516.00
Apartments Mid Rise	125.83	3,054.10	741.44	4,138.02	5,516.00

Condo/Townhouse	172.41	3,795.01	1,001.10	12,129.63	5,516.00
Parking Structure	2.74	0.19	1.75	0.00	0.00
General Office Building	3.30	4.94	4.34	6.01	0.55
Hotel	1.94	3.24	3.03	20.37	5.15
Parking Lot	0.00	0.00	0.35	0.00	0.00
Regional Shopping Center	2.05	2.80	5.71	0.67	1.05

*Based on methodology above, only Title-24 energy for single family housing and the clubhouse has been adjusted.

Southern California Edison Carbon Intensity Factors

CO2: ¹	510.44	pounds per megawatt hour
CH4: ²	0.029	pound per megawatt hour
N2O: ²	0.00617	pound per megawatt hour

¹ Based on the SCE Carbon Intensity provided in the 2018 SCE Sustainability Report

² CalEEMod default values.

Global Warming Potentials (GWP)		
	AR4	AR5
CO ₂	1	1
CH ₄	25	28
N ₂ O	298	265

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

Demo Haul Trip Calculation

Conversion factors*

0.046 ton/SF
 1.2641662 tons/cy
 20 tons
 15.82070459 CY
 0.791035229 CY/ton

Building	BSF Demo	Tons/SF	Tons	Haul Truck (CY)	Haul Truck (Ton)	Round Trips	Total Trip Ends
Combined Building							
Demo	1,020,000	0.046	46920	16	20.00	2346	4692

*CalEEMod User's Guide Version 2016.3.2, Appendix A

Pavement Volume to Weight Conversion

Component	Total SF of Area ¹	Assumed Thickness (foot) ²	Debris Volume (cu. ft)	Weight of Crushed Asphalt (lbs/cf) ³	AC Mass (lbs)	AC Mass (tons)
Asphalt Demo	2,646,213	0.333	882,071	89	78,406,317	39,203
Total	2,646,213					39,203

¹ Based on aerial image of existing project site.

² Pavements and Surface Materials. Nonpoint Education for Municipal Officials, Technical Paper Number 8. University of Connecticut Cooperative Extension System, 1999.

³ <https://www.calrecycle.ca.gov/swfacilities/cdi/Tools/Calculations>

EMFAC2017 Derived CalEEMod Annual Emission Rates: Year 2040^{1,2}

Season	Pollutant	LDA	LDT1	LDT2	MDV	LHDT1	LHDT2	MHDT	HHDT	OBUS	UBUS	MCY	SBUS	MH
Annual	CH4_IDLEX	0	0	0	0	0.0032975	0.0022475	0.003083834	0.032581403	0.0083857	0	0	0.1273043	0
Annual	CH4_RUNEX	0.0006541	0.0008442	0.0010236	0.0010887	0.0014851	0.001650378	0.00053681	0.159659846	0.001636	0.0012949	0.3386227	0.0016683	0.0021944
Annual	CH4_STREX	0.0178209	0.0208495	0.0249516	0.0260763	0.0053967	0.00329126	0.006591193	7.18524E-07	0.0177489	0.0232387	0.2261544	0.0105434	0
Annual	CO_IDLEX	0	0	0	0	0.1649233	0.130807179	0.321692418	6.254453273	0.5895327	0	0	5.0833186	0
Annual	CO_RUNEX	0.3866154	0.4235528	0.4775759	0.4785834	0.1560244	0.172869631	0.082809708	0.779086524	0.1817876	0.0605073	16.922202	0.1728719	0.1556761
Annual	CO_STREX	1.3217177	1.4443421	1.7913131	1.7958715	0.6891101	0.432300579	0.60899274	0.013153929	1.7174713	1.8117994	8.7130263	1.3088929	0
Annual	CO2_NBIO_IDLEX	0	0	0	0	7.6848145	12.00026378	45.16038542	820.6347456	72.143572	0	0	311.93414	0
Annual	CO2_NBIO_RUNEX	184.14917	221.82932	220.44193	268.50282	509.5281	517.2541027	776.7564653	1059.148424	1077.821	324.22866	214.1123	835.17552	811.04289
Annual	CO2_NBIO_STREX	36.618209	44.885239	44.553144	53.065326	8.1004333	5.86747672	6.65084427	0.101507099	15.485165	17.561042	56.778581	8.3552151	0
Annual	NOX_IDLEX	0	0	0	0	0.0385407	0.05409209	0.230800053	5.073167996	0.3332178	0	0	1.1820616	0
Annual	NOX_RUNEX	0.0156424	0.0190352	0.0188163	0.0207663	0.0807531	0.126096739	1.00072606	2.01678827	0.8971869	0.0416722	1.1088434	1.0866205	2.272843
Annual	NOX_STREX ³	0.103529	0.1230539	0.1174778	0.1261057	0.150865	0.096065445	1.757904904	2.489906873	0.8234335	0.1680298	0.2625229	1.755425	0
Annual	PM10_IDLEX	0	0	0	0	0.0010726	0.001483082	6.04599E-05	0.001933942	0.0001119	0	0	0.0003224	0
Annual	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060078793	0.13034	0.0245273	0.01176	0.7448002	0.13034
Annual	PM10_PMTW	0.008	0.008	0.008	0.008	0.0101245	0.010858967	0.012000003	0.035011181	0.012	0.0022582	0.004	0.0101253	0.016
Annual	PM10_RUNEX	0.0005929	0.0006901	0.0006782	0.0006881	0.00375	0.009296913	0.006504906	0.01618265	0.0067155	0.0004472	0.0024602	0.003554	0.0325941
Annual	PM10_STREX	0.0007464	0.0008881	0.000793	0.0008129	0.0001659	0.000100931	8.77805E-05	1.25083E-06	0.000214	0.0002141	0.0029622	0.0001443	0
Annual	PM25_IDLEX	0	0	0	0	0.0010262	0.001418924	5.78444E-05	0.001850281	0.000107	0	0	0.0003085	0
Annual	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.025748054	0.05586	0.0105117	0.00504	0.3192001	0.05586
Annual	PM25_PMTW	0.002	0.002	0.002	0.002	0.0025311	0.002714742	0.003000001	0.008752795	0.003	0.0005645	0.001	0.0025313	0.004
Annual	PM25_RUNEX	0.0005456	0.0006345	0.0006252	0.000634	0.0035676	0.008882621	0.006219513	0.015482542	0.0064075	0.0004112	0.0022936	0.0033739	0.0311841
Annual	PM25_STREX	0.0006863	0.0008166	0.0007291	0.0007474	0.0001525	9.28022E-05	8.07109E-05	1.15009E-06	0.0001968	0.0001969	0.002764	0.0001327	0
Annual	ROG_DIURN	0.0161542	0.0300154	0.0346696	0.0522578	0.0009782	0.000629071	0.000326247	3.50341E-06	0.0014835	0.0007386	1.1825552	0.0022112	0
Annual	ROG_HTSK	0.0351899	0.0554292	0.0494561	0.0691285	0.0299616	0.01843813	0.013392121	0.000137853	0.0191763	0.0066418	0.6628936	0.0177168	0
Annual	ROG_IDLEX	0	0	0	0	0.0142442	0.012284238	0.014877404	0.406705772	0.0507343	0	0	0.5779984	0
Annual	ROG_RESTL	0.0177666	0.0348468	0.039911	0.0603105	0.0007834	0.000511869	0.000268295	2.82217E-06	0.0009051	0.0004398	0.7005246	0.0013611	0
Annual	ROG_RUNEX	0.0018809	0.0025737	0.0032945	0.0036114	0.0224743	0.029772872	0.007256742	0.019555469	0.0114223	0.0042682	2.2727833	0.0143859	0.0472436
Annual	ROG_RUNLS	0.1371898	0.2103608	0.1915582	0.2062451	0.148563	0.093716858	0.06680735	0.000673498	0.213399	0.0384453	1.195052	0.1134723	0
Annual	ROG_STREX	0.0652367	0.078761	0.0961318	0.1035244	0.0233195	0.014044284	0.032293674	3.7124E-06	0.0878096	0.0987885	1.7257788	0.059953	0
Annual	SO2_IDLEX	0	0	0	0	7.418E-05	0.000114568	0.000428873	0.007407138	0.0006867	0	0	0.0029995	0
Annual	SO2_RUNEX	0.0018215	0.0021952	0.0021805	0.002653	0.0049525	0.004985003	0.007394911	0.009023451	0.0104281	0.0032085	0.0021188	0.0080451	0.0076673
Annual	SO2_STREX	0.0003624	0.0004442	0.0004409	0.0005251	8.016E-05	5.80634E-05	6.58155E-05	1.0045E-06	0.0001532	0.0001738	0.0005619	8.268E-05	0
Annual	TOG_DIURN	0.0164303	0.0305347	0.0352693	0.0531632	0.0009782	0.000629071	0.000326247	3.50341E-06	0.0014835	0.0007386	1.1825552	0.0022112	0
Annual	TOG_HTSK	0.0357971	0.0563907	0.050313	0.0703274	0.0299616	0.01843813	0.013392121	0.000137853	0.0191763	0.0066418	0.6628936	0.0177168	0
Annual	TOG_IDLEX	0	0	0	0	0.0194142	0.016028146	0.020453496	0.476765415	0.0664714	0	0	0.8375126	0
Annual	TOG_RESTL	0.0180741	0.0354521	0.0406043	0.0613586	0.0007834	0.000511869	0.000268295	2.82217E-06	0.0009051	0.0004398	0.7005246	0.0013611	0
Annual	TOG_RUNEX	0.0027492	0.0037886	0.0047947	0.0052489	0.0261068	0.034212276	0.008551851	0.181907049	0.0147331	0.0062281	2.8532703	0.0181644	0.0537837
Annual	TOG_RUNLS	0.1395769	0.2140211	0.1948913	0.2098338	0.148563	0.093716858	0.06680735	0.000673498	0.213399	0.0384453	1.195052	0.1134723	0
Annual	TOG_STREX	0.0720688	0.0870095	0.1061994	0.1143663	0.0255319	0.015376723	0.035357508	4.06461E-06	0.0961405	0.108161	1.8801282	0.0656409	0
Summer	CH4_IDLEX	0	0	0	0	0.003304	0.00225166	0.00293545	0.034474838	0.0084714	0	0	0.1274724	0
Summer	CH4_RUNEX	0.0006985	0.0009001	0.0010912	0.0011605	0.001496	0.001656981	0.000542987	0.159661447	0.0016672	0.0013225	0.3342001	0.0016956	0.0021944
Summer	CH4_STREX	0.0162399	0.0189896	0.0227119	0.0237347	0.0052289	0.003189072	0.006380525	6.90136E-07	0.0171268	0.021667	0.2052262	0.0094791	0
Summer	CO_IDLEX	0	0	0	0	0.1649233	0.130807179	0.276700643	6.17178359	0.5845914	0	0	5.0715725	0

Summer	CO_RUNEX	0.4221189	0.4613611	0.5201947	0.5207535	0.1570774	0.173508439	0.083188921	0.779840548	0.1841439	0.0616321	16.375791	0.1748803	0.1556761
Summer	CO_STREX	1.145209	1.2508548	1.5481233	1.5516479	0.6625054	0.41565663	0.580409534	0.012536547	1.6299961	1.6059776	7.9226409	1.0811822	0
Summer	CO2_NBIO_IDLEX	0	0	0	0	7.6848145	12.00026378	44.77216629	810.2402763	71.32414	0	0	309.62353	0
Summer	CO2_NBIO_RUNEX	191.66849	229.53168	227.3786	275.32353	509.5299	517.2551967	776.7571467	1059.149655	1077.8253	324.2308	213.09934	835.1792	811.04289
Summer	CO2_NBIO_STREX	36.32481	44.561124	44.146557	52.654703	8.0556496	5.839527558	6.601532265	0.10052804	15.335404	17.211671	54.964218	7.9737933	0
Summer	NOX_IDLEX	0	0	0	0	0.0385407	0.05409209	0.219392626	4.827200329	0.3166434	0	0	1.1328544	0
Summer	NOX_RUNEX	0.0138435	0.0168191	0.0166468	0.0183712	0.0775789	0.120258695	0.946958425	1.910409266	0.8464971	0.0368952	0.9755356	1.0248599	2.1518155
Summer	NOX_STREX ³	0.0962738	0.1144313	0.1092465	0.1172701	0.1448748	0.092250689	1.754978295	2.489880881	0.8146957	0.1611037	0.2500227	1.7499209	0
Summer	PM10_IDLEX	0	0	0	0	0.0010726	0.001483082	5.35368E-05	0.001712421	9.942E-05	0	0	0.0002837	0
Summer	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.060078793	0.13034	0.0245273	0.01176	0.7448002	0.13034
Summer	PM10_PMTW	0.008	0.008	0.008	0.008	0.0101245	0.010858967	0.012000003	0.035011181	0.012	0.0022582	0.004	0.0101253	0.016
Summer	PM10_RUNEX	0.0005929	0.0006901	0.0006782	0.0006881	0.00375	0.009296913	0.006504906	0.01618265	0.0067155	0.0004472	0.0024602	0.003554	0.0325941
Summer	PM10_STREX	0.0007464	0.0008881	0.000793	0.0008129	0.0001659	0.000100931	8.77805E-05	1.25083E-06	0.000214	0.0002141	0.0029622	0.0001443	0
Summer	PM25_IDLEX	0	0	0	0	0.0010262	0.001418924	5.12208E-05	0.001638342	9.512E-05	0	0	0.0002714	0
Summer	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.025748054	0.05586	0.0105117	0.00504	0.3192001	0.05586
Summer	PM25_PMTW	0.002	0.002	0.002	0.002	0.0025311	0.002714742	0.003000001	0.008752795	0.003	0.0005645	0.001	0.0025313	0.004
Summer	PM25_RUNEX	0.0005456	0.0006345	0.0006252	0.000634	0.0035676	0.008882621	0.006219513	0.015482542	0.0064075	0.0004112	0.0022936	0.0033739	0.0311841
Summer	PM25_STREX	0.0006863	0.0008166	0.0007291	0.0007474	0.0001525	9.28022E-05	8.07109E-05	1.15009E-06	0.0001968	0.0001969	0.002764	0.0001327	0
Summer	ROG_DIURN	0.0239625	0.0441741	0.0511477	0.0771236	0.0013762	0.000885115	0.00045889	4.94228E-06	0.0020367	0.0010293	1.7703878	0.0030384	0
Summer	ROG_HTSK	0.0358301	0.0563535	0.0506215	0.070911	0.0304339	0.018702549	0.013572575	0.000140221	0.0193634	0.0069599	0.7207968	0.01782	0
Summer	ROG_IDLEX	0	0	0	0	0.0142442	0.012284238	0.014468769	0.430908316	0.052148	0	0	0.579103	0
Summer	ROG_RESTL	0.0243994	0.0469707	0.0541123	0.0818626	0.0010447	0.000680866	0.000356045	3.7742E-06	0.0012051	0.0006306	1.0847633	0.0018064	0
Summer	ROG_RUNEX	0.0019874	0.0027199	0.0034731	0.0038055	0.0225052	0.029791741	0.007275371	0.019563678	0.0115332	0.0043499	2.2332262	0.0145016	0.0472436
Summer	ROG_RUNLS	0.1266637	0.1947693	0.1771183	0.1910338	0.1428676	0.090100233	0.064050669	0.000645213	0.2072739	0.034781	1.0955008	0.1024869	0
Summer	ROG_STREX	0.0589011	0.0710731	0.0867031	0.0933681	0.022541	0.01357737	0.031100356	3.57522E-06	0.0845009	0.0918983	1.5571384	0.0538506	0
Summer	SO2_IDLEX	0	0	0	0	7.418E-05	0.000114568	0.000425293	0.007312749	0.000679	0	0	0.0029777	0
Summer	SO2_RUNEX	0.0018959	0.0022714	0.0022492	0.0027205	0.0049525	0.004985014	0.007394918	0.009023463	0.0104281	0.0032085	0.0021088	0.0080451	0.0076673
Summer	SO2_STREX	0.0003595	0.000441	0.0004369	0.0005211	7.972E-05	5.77869E-05	6.53275E-05	9.94806E-07	0.0001518	0.0001703	0.0005439	7.891E-05	0
Summer	TOG_DIURN	0.0243707	0.0449375	0.0520315	0.0784588	0.0013762	0.000885115	0.00045889	4.94228E-06	0.0020367	0.0010293	1.7703878	0.0030384	0
Summer	TOG_HTSK	0.0364485	0.0573311	0.0514987	0.0721409	0.0304339	0.018702549	0.013572575	0.000140221	0.0193634	0.0069599	0.7207968	0.01782	0
Summer	TOG_IDLEX	0	0	0	0	0.0194142	0.016028146	0.019777307	0.505091119	0.0680809	0	0	0.8387701	0
Summer	TOG_RESTL	0.0248204	0.0477859	0.0550513	0.0832843	0.0010447	0.000680866	0.000356045	3.7742E-06	0.0012051	0.0006306	1.0847633	0.0018064	0
Summer	TOG_RUNEX	0.0029061	0.0040039	0.0050576	0.0055347	0.026152	0.03423981	0.008579035	0.181919026	0.0148949	0.0063473	2.8038194	0.0183333	0.0537837
Summer	TOG_RUNLS	0.1288676	0.1981582	0.1802002	0.1943578	0.1428676	0.090100233	0.064050669	0.000645213	0.2072739	0.034781	1.0955008	0.1024869	0
Summer	TOG_STREX	0.0650697	0.0785164	0.0957833	0.1031463	0.0246795	0.014865511	0.034050975	3.91442E-06	0.0925178	0.100617	1.6964278	0.0589596	0

Winter	CH4_IDLEX	0	0	0	0	0.0032962	0.002246695	0.003299894	0.017326719	0.0082909	0	0	0.1272188	0
Winter	CH4_RUNEX	0.0006402	0.0008267	0.0010024	0.0010663	0.0014822	0.00164863	0.000534471	0.000827896	0.0016271	0.0012885	0.3394337	0.0016606	0.0021944
Winter	CH4_STREX	0.0181639	0.0212527	0.0254362	0.0265827	0.0054313	0.003312337	0.006623064	7.25266E-07	0.0178854	0.0235692	0.2303422	0.0106953	0
Winter	CO_IDLEX	0	0	0	0	0.1649233	0.130807179	0.384637252	6.105905259	0.5963564	0	0	5.0995393	0
Winter	CO_RUNEX	0.3733633	0.4094214	0.4616486	0.462822	0.1557382	0.172695963	0.082696429	0.211702728	0.1810838	0.0602378	17.000187	0.1722938	0.1556761
Winter	CO_STREX	1.3602189	1.4865733	1.8445417	1.8493422	0.6932027	0.434861199	0.61446413	0.013272109	1.7316705	1.8485389	8.8506637	1.3301171	0
Winter	CO2_NBIO_IDLEX	0	0	0	0	7.6848145	12.00026378	45.69278526	797.8282125	73.275168	0	0	315.12499	0
Winter	CO2_NBIO_RUNEX	181.37494	218.98754	217.88259	265.98626	509.52761	517.2538053	776.7562617	955.0223689	1077.8198	324.22815	214.26325	835.17446	811.04289
Winter	CO2_NBIO_STREX	36.682167	44.955924	44.642034	53.155112	8.107458	5.871858284	6.660445317	0.101694529	15.510104	17.624137	57.109413	8.3917799	0
Winter	NOX_IDLEX	0	0	0	0	0.0385407	0.05409209	0.246552513	5.184385982	0.3561062	0	0	1.2500145	0
Winter	NOX_RUNEX	0.0151559	0.0184495	0.0182405	0.0201321	0.0799187	0.1242714	0.981990422	1.957734077	0.8807963	0.0405977	1.0819482	1.067476	2.2304415
Winter	NOX_STREX ³	0.1051934	0.1250315	0.1193634	0.12813	0.1523834	0.097034376	1.75864855	2.489913477	0.8256912	0.1695971	0.2654949	1.7568449	0
Winter	PM10_IDLEX	0	0	0	0	0.0010726	0.001483082	7.00204E-05	0.002094763	0.0001291	0	0	0.0003758	0
Winter	PM10_PMBW	0.03675	0.03675	0.03675	0.03675	0.07644	0.089180026	0.130340037	0.057673419	0.13034	0.0245273	0.01176	0.7448002	0.13034
Winter	PM10_PMTW	0.008	0.008	0.008	0.008	0.0101245	0.010858967	0.012000003	0.033608631	0.012	0.0022582	0.004	0.0101253	0.016
Winter	PM10_RUNEX	0.0005929	0.0006901	0.0006782	0.0006881	0.00375	0.009296913	0.006504906	0.01605501	0.0067155	0.0004472	0.0024602	0.003554	0.0325941
Winter	PM10_STREX	0.0007464	0.0008881	0.000793	0.0008129	0.0001659	0.000100931	8.77805E-05	1.25083E-06	0.000214	0.0002141	0.0029622	0.0001443	0
Winter	PM25_IDLEX	0	0	0	0	0.0010262	0.001418924	6.69913E-05	0.002004145	0.0001235	0	0	0.0003596	0
Winter	PM25_PMBW	0.01575	0.01575	0.01575	0.01575	0.03276	0.038220011	0.055860016	0.02471718	0.05586	0.0105117	0.00504	0.3192001	0.05586
Winter	PM25_PMTW	0.002	0.002	0.002	0.002	0.0025311	0.002714742	0.003000001	0.008402158	0.003	0.0005645	0.001	0.0025313	0.004
Winter	PM25_RUNEX	0.0005456	0.0006345	0.0006252	0.000634	0.0035676	0.008882621	0.006219513	0.015360423	0.0064075	0.0004112	0.0022936	0.0033739	0.0311841
Winter	PM25_STREX	0.0006863	0.0008166	0.0007291	0.0007474	0.0001525	9.28022E-05	8.07109E-05	1.15009E-06	0.0001968	0.0001969	0.002764	0.0001327	0
Winter	ROG_DIURN	0.0153486	0.0280111	0.0325243	0.0490559	0.0009181	0.000585989	0.000302215	3.28636E-06	0.0013975	0.0007869	1.3034492	0.0020699	0
Winter	ROG_HTSK	0.0368281	0.0578063	0.0524446	0.0736881	0.0312034	0.019122462	0.013826799	0.000143576	0.019687	0.0074992	0.8245655	0.0180981	0
Winter	ROG_IDLEX	0	0	0	0	0.0142442	0.012284238	0.015454238	0.373039509	0.0487819	0	0	0.576473	0
Winter	ROG_RESTL	0.0177589	0.0346154	0.0397588	0.0601367	0.0007647	0.000499297	0.00026148	2.76058E-06	0.0008723	0.0004385	0.7202013	0.0013098	0
Winter	ROG_RUNEX	0.0018451	0.0025247	0.0032346	0.0035464	0.0224658	0.02976772	0.007251163	0.016289954	0.0113891	0.0042487	2.280151	0.0143525	0.0472436
Winter	ROG_RUNLS	0.1612116	0.2465495	0.2250746	0.2415552	0.1624779	0.102503967	0.073408862	0.000741236	0.2285775	0.0467867	1.4269481	0.1375612	0
Winter	ROG_STREX	0.0666069	0.0804218	0.0981649	0.1057135	0.0234797	0.01414045	0.032570289	3.7442E-06	0.0885344	0.1002365	1.7596126	0.0608237	0
Winter	SO2_IDLEX	0	0	0	0	7.418E-05	0.000114568	0.000433781	0.007537485	0.0006974	0	0	0.0030297	0
Winter	SO2_RUNEX	0.0017941	0.002167	0.0021552	0.0026281	0.0049525	0.004985	0.007394909	0.009023448	0.0104281	0.0032085	0.0021203	0.0080451	0.0076673
Winter	SO2_STREX	0.000363	0.0004449	0.0004418	0.000526	8.023E-05	5.81068E-05	6.59105E-05	1.00635E-06	0.0001535	0.0001744	0.0005651	8.304E-05	0
Winter	TOG_DIURN	0.015612	0.0284963	0.0330876	0.0499066	0.0009181	0.000585989	0.000302215	3.28636E-06	0.0013975	0.0007869	1.3034492	0.0020699	0
Winter	TOG_HTSK	0.0374638	0.0588091	0.0533535	0.0749663	0.0312034	0.019122462	0.013826799	0.000143576	0.019687	0.0074992	0.8245655	0.0180981	0
Winter	TOG_IDLEX	0	0	0	0	0.0194142	0.016028146	0.021405562	0.424677084	0.0642488	0	0	0.8357761	0
Winter	TOG_RESTL	0.0180666	0.035217	0.0404497	0.0611821	0.0007647	0.000499297	0.00026148	2.76058E-06	0.0008723	0.0004385	0.7202013	0.0013098	0
Winter	TOG_RUNEX	0.0026965	0.0037164	0.0047065	0.0051531	0.0260945	0.034204759	0.008543709	0.01867213	0.0146847	0.0061997	2.8624732	0.0181156	0.0537837
Winter	TOG_RUNLS	0.1640167	0.2508395	0.2289909	0.2457583	0.1624779	0.102503967	0.073408862	0.000741236	0.2285775	0.0467867	1.4269481	0.1375612	0
Winter	TOG_STREX	0.0735825	0.0888443	0.1084456	0.1167847	0.0257073	0.015482012	0.035660367	4.09943E-06	0.096934	0.1097463	1.9169846	0.0665943	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.

Notes: [Click here for MMARS 2022 Column Headers](#)
[Click here for MMARS 2022 Column Headers](#)
 Note: MMARS 2022 Column Headers are sorted by Party, then by Precinct, then by Race, then by Gender, then by Age Group, then by Education Level, then by Registration Status, then by Ballot Type, then by Ballot Style, then by Ballot Mark, then by Ballot Text, then by Ballot Image, then by Ballot Audio, then by Ballot Video, then by Ballot Other.

Ballot ID	Ballot Text	Ballot Image	Ballot Audio	Ballot Video	Ballot Other	Ballot Mark	Ballot Text	Ballot Image	Ballot Audio	Ballot Video	Ballot Other	Ballot Mark	Ballot Text	Ballot Image	Ballot Audio	Ballot Video	Ballot Other	Ballot Mark	Ballot Text	Ballot Image	Ballot Audio	Ballot Video	Ballot Other	Ballot Mark	Ballot Text	Ballot Image	Ballot Audio	Ballot Video	Ballot Other	Ballot Mark	Ballot Text	Ballot Image	Ballot Audio	Ballot Video	Ballot Other	
2022-0001	Ballot ID: 2022-0001	Ballot Text: Ballot ID: 2022-0001	Ballot Image: Ballot ID: 2022-0001	Ballot Audio: Ballot ID: 2022-0001	Ballot Video: Ballot ID: 2022-0001	Ballot Other: Ballot ID: 2022-0001	Ballot Mark: Ballot ID: 2022-0001	Ballot Text: Ballot ID: 2022-0001	Ballot Image: Ballot ID: 2022-0001	Ballot Audio: Ballot ID: 2022-0001	Ballot Video: Ballot ID: 2022-0001	Ballot Other: Ballot ID: 2022-0001	Ballot Mark: Ballot ID: 2022-0001	Ballot Text: Ballot ID: 2022-0001	Ballot Image: Ballot ID: 2022-0001	Ballot Audio: Ballot ID: 2022-0001	Ballot Video: Ballot ID: 2022-0001	Ballot Other: Ballot ID: 2022-0001	Ballot Mark: Ballot ID: 2022-0001	Ballot Text: Ballot ID: 2022-0001	Ballot Image: Ballot ID: 2022-0001	Ballot Audio: Ballot ID: 2022-0001	Ballot Video: Ballot ID: 2022-0001	Ballot Other: Ballot ID: 2022-0001	Ballot Mark: Ballot ID: 2022-0001	Ballot Text: Ballot ID: 2022-0001	Ballot Image: Ballot ID: 2022-0001	Ballot Audio: Ballot ID: 2022-0001	Ballot Video: Ballot ID: 2022-0001	Ballot Other: Ballot ID: 2022-0001	Ballot Mark: Ballot ID: 2022-0001	Ballot Text: Ballot ID: 2022-0001	Ballot Image: Ballot ID: 2022-0001	Ballot Audio: Ballot ID: 2022-0001	Ballot Video: Ballot ID: 2022-0001	Ballot Other: Ballot ID: 2022-0001

CalEEMod

Construction Modeling

Westminster Mall Specific Plan Construction - Orange County, Summer

**Westminster Mall Specific Plan Construction
Orange County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	180.00	1000sqft	4.13	180,000.00	0
Hotel	425.00	Room	1.79	233,750.00	0
Condo/Townhouse	300.00	Dwelling Unit	2.30	300,000.00	858
Apartments Mid Rise	1,200.00	Dwelling Unit	5.51	1,200,000.00	3432
Apartments High Rise	1,500.00	Dwelling Unit	3.83	1,500,000.00	4290
Enclosed Parking with Elevator	1,825.76	1000sqft	8.38	1,825,760.00	0
Parking Lot	456.44	1000sqft	10.48	456,440.00	0
Enclosed Parking with Elevator	342.33	1000sqft	3.93	342,330.00	0
Enclosed Parking with Elevator	342.33	1000sqft	0.00	342,330.00	0
Enclosed Parking with Elevator	798.77	1000sqft	0.00	798,770.00	0
Enclosed Parking with Elevator	798.77	1000sqft	4.58	798,770.00	0
Other Asphalt Surfaces	880.77	1000sqft	20.22	880,770.00	0
Other Non-Asphalt Surfaces	1,168.41	1000sqft	26.82	1,168,410.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	512.82	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2018 SCE Sustainability Report

Land Use - see assumptions file for land uses

Construction Phase - BC normalized to fit duration of construction on site

Off-road Equipment - additional rock crusher to account for processing onsite

Off-road Equipment - no additional equipment needed for Demo Haul

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Demolition -

Trips and VMT - assumes 4 VT per water truck/day, see assump file

Architectural Coating - accounts for all parking area, SCAQMD rule 1113

Construction Off-road Equipment Mitigation - SCAQMD Rule 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	396,815.00	273,864.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	110.00	1,239.00
tblConstructionPhase	NumDays	1,550.00	4,956.00
tblConstructionPhase	NumDays	110.00	1,239.00
tblConstructionPhase	PhaseEndDate	12/28/2028	10/1/2025
tblConstructionPhase	PhaseEndDate	2/24/2028	12/30/2039
tblConstructionPhase	PhaseEndDate	3/17/2022	8/5/2021
tblConstructionPhase	PhaseEndDate	7/27/2028	10/1/2025
tblConstructionPhase	PhaseEndDate	8/12/2021	3/25/2021
tblConstructionPhase	PhaseStartDate	7/28/2028	1/1/2021

tblConstructionPhase	PhaseStartDate	3/18/2022	1/1/2021
tblConstructionPhase	PhaseStartDate	8/13/2021	1/1/2021
tblConstructionPhase	PhaseStartDate	2/25/2028	1/1/2021
tblConstructionPhase	PhaseStartDate	5/21/2021	1/1/2021
tblLandUse	LandUseSquareFeet	617,100.00	233,750.00
tblLandUse	LotAcreage	14.17	1.79
tblLandUse	LotAcreage	18.75	2.30
tblLandUse	LotAcreage	31.58	5.51
tblLandUse	LotAcreage	24.19	3.83
tblLandUse	LotAcreage	41.91	8.38
tblLandUse	LotAcreage	7.86	3.93
tblLandUse	LotAcreage	7.86	0.00
tblLandUse	LotAcreage	18.34	0.00
tblLandUse	LotAcreage	18.34	4.58
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	512.82
tblTripsAndVMT	HaulingTripNumber	9,014.00	9,117.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

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
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Year	lb/day										lb/day					
2021	60.2401	329.6108	342.9029	1.2856	126.4270	8.3291	134.7561	37.9724	7.7336	45.7060	0.0000	131,775.3167	131,775.3167	10.9020	0.0000	132,047.8655
2022	45.7814	170.9190	242.6070	1.0340	77.8899	2.1429	80.0328	20.8690	2.0042	22.8732	0.0000	106,299.9456	106,299.9456	5.6035	0.0000	106,440.0326
2023	43.5753	135.4931	228.3681	0.9982	77.8897	1.8267	79.7164	20.8689	1.7054	22.5743	0.0000	102,723.9034	102,723.9034	5.2699	0.0000	102,855.6505
2024	42.3411	131.5863	216.4308	0.9713	77.8896	1.6788	79.5684	20.8689	1.5663	22.4352	0.0000	100,057.1807	100,057.1807	5.1188	0.0000	100,185.1501
2025	41.2467	127.5052	205.8963	0.9454	77.8895	1.5262	79.4157	20.8689	1.4233	22.2921	0.0000	97,505.5723	97,505.5723	4.9903	0.0000	97,630.3301
2026	18.2849	114.3809	158.3792	0.8076	66.3318	0.9734	67.3052	17.8037	0.9104	18.7141	0.0000	83,855.9661	83,855.9661	4.0031	0.0000	83,956.0424
2027	17.6357	112.6577	151.9322	0.7910	66.3318	0.9531	67.2850	17.8037	0.8917	18.6954	0.0000	82,210.6940	82,210.6940	3.9136	0.0000	82,308.5337
2028	16.9673	111.1782	146.3110	0.7765	66.3319	0.9268	67.2587	17.8037	0.8674	18.6711	0.0000	80,781.1947	80,781.1947	3.8339	0.0000	80,877.0414
2029	16.2382	109.8013	140.9826	0.7639	66.3319	0.9036	67.2356	17.8037	0.8460	18.6497	0.0000	79,528.1863	79,528.1863	3.7619	0.0000	79,622.2329
2030	15.4253	103.9819	136.1321	0.7567	66.3320	0.5032	66.8352	17.8038	0.4785	18.2822	0.0000	78,770.1575	78,770.1575	3.2107	0.0000	78,850.4237
2031	14.5935	102.6016	131.5266	0.7463	66.3320	0.4838	66.8158	17.8038	0.4605	18.2643	0.0000	77,734.3359	77,734.3359	3.1511	0.0000	77,813.1141
2032	13.8605	101.5178	127.3989	0.7380	66.3320	0.4669	66.7989	17.8038	0.4449	18.2487	0.0000	76,916.3320	76,916.3320	3.1004	0.0000	76,993.8418
2033	13.2346	100.5352	123.8383	0.7308	66.3320	0.4516	66.7836	17.8038	0.4308	18.2346	0.0000	76,212.5204	76,212.5204	3.0563	0.0000	76,288.9278
2034	12.6966	99.6494	120.4271	0.7247	66.3321	0.4373	66.7693	17.8038	0.4176	18.2214	0.0000	75,609.4396	75,609.4396	3.0160	0.0000	75,684.8398
2035	12.1516	98.1531	117.4864	0.7196	66.3321	0.3669	66.6990	17.8038	0.3482	18.1519	0.0000	75,102.3543	75,102.3543	2.9728	0.0000	75,176.6749
2036	12.1516	98.1531	117.4864	0.7196	66.3321	0.3669	66.6990	17.8038	0.3482	18.1519	0.0000	75,102.3543	75,102.3543	2.9728	0.0000	75,176.6749
2037	12.1516	98.1531	117.4864	0.7196	66.3321	0.3669	66.6990	17.8038	0.3482	18.1519	0.0000	75,102.3543	75,102.3543	2.9728	0.0000	75,176.6749
2038	12.1516	98.1531	117.4864	0.7196	66.3321	0.3669	66.6990	17.8038	0.3482	18.1519	0.0000	75,102.3543	75,102.3543	2.9728	0.0000	75,176.6749
2039	12.1516	98.1531	117.4864	0.7196	66.3321	0.3669	66.6990	17.8038	0.3482	18.1519	0.0000	75,102.3543	75,102.3543	2.9728	0.0000	75,176.6749
Maximum	60.2401	329.6108	342.9029	1.2856	126.4270	8.3291	134.7561	37.9724	7.7336	45.7060	0.0000	131,775.3167	131,775.3167	10.9020	0.0000	132,047.8655

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					
2021	60.2401	329.6108	342.9029	1.2856	93.8254	8.3291	102.1545	27.0337	7.7336	34.7674	0.0000	131,775.3167	131,775.3167	10.9020	0.0000	132,047.8655
2022	45.7814	170.9190	242.6070	1.0340	71.9271	2.1429	74.0700	19.4054	2.0042	21.4096	0.0000	106,299.9456	106,299.9456	5.6035	0.0000	106,440.0326
2023	43.5753	135.4931	228.3681	0.9982	71.9269	1.8267	73.7536	19.4053	1.7054	21.1107	0.0000	102,723.9034	102,723.9034	5.2699	0.0000	102,855.6505
2024	42.3411	131.5863	216.4308	0.9713	71.9268	1.6788	73.6056	19.4053	1.5663	20.9716	0.0000	100,057.1807	100,057.1807	5.1188	0.0000	100,185.1501
2025	41.2467	127.5052	205.8963	0.9454	71.9267	1.5262	73.4529	19.4053	1.4233	20.8285	0.0000	97,505.5723	97,505.5723	4.9903	0.0000	97,630.3301
2026	18.2849	114.3809	158.3792	0.8076	61.2733	0.9734	62.2467	16.5621	0.9104	17.4725	0.0000	83,855.9661	83,855.9661	4.0031	0.0000	83,956.0424
2027	17.6357	112.6577	151.9322	0.7910	61.2733	0.9531	62.2265	16.5621	0.8917	17.4538	0.0000	82,210.6940	82,210.6940	3.9136	0.0000	82,308.5337
2028	16.9673	111.1782	146.3110	0.7765	61.2734	0.9268	62.2002	16.5621	0.8674	17.4295	0.0000	80,781.1947	80,781.1947	3.8339	0.0000	80,877.0414
2029	16.2382	109.8013	140.9826	0.7639	61.2734	0.9036	62.1771	16.5621	0.8460	17.4081	0.0000	79,528.1863	79,528.1863	3.7619	0.0000	79,622.2329
2030	15.4253	103.9819	136.1321	0.7567	61.2735	0.5032	61.7767	16.5621	0.4785	17.0406	0.0000	78,770.1575	78,770.1575	3.2107	0.0000	78,850.4237
2031	14.5935	102.6016	131.5266	0.7463	61.2735	0.4838	61.7573	16.5621	0.4605	17.0226	0.0000	77,734.3359	77,734.3359	3.1511	0.0000	77,813.1141
2032	13.8605	101.5178	127.3989	0.7380	61.2735	0.4669	61.7404	16.5621	0.4449	17.0070	0.0000	76,916.3320	76,916.3320	3.1004	0.0000	76,993.8418
2033	13.2346	100.5352	123.8383	0.7308	61.2735	0.4516	61.7251	16.5621	0.4308	16.9930	0.0000	76,212.5204	76,212.5204	3.0563	0.0000	76,288.9278
2034	12.6966	99.6494	120.4271	0.7247	61.2736	0.4373	61.7108	16.5621	0.4176	16.9797	0.0000	75,609.4396	75,609.4396	3.0160	0.0000	75,684.8398
2035	12.1516	98.1531	117.4864	0.7196	61.2736	0.3669	61.6405	16.5622	0.3482	16.9103	0.0000	75,102.3543	75,102.3543	2.9728	0.0000	75,176.6749
2036	12.1516	98.1531	117.4864	0.7196	61.2736	0.3669	61.6405	16.5622	0.3482	16.9103	0.0000	75,102.3543	75,102.3543	2.9728	0.0000	75,176.6749
2037	12.1516	98.1531	117.4864	0.7196	61.2736	0.3669	61.6405	16.5622	0.3482	16.9103	0.0000	75,102.3543	75,102.3543	2.9728	0.0000	75,176.6749
2038	12.1516	98.1531	117.4864	0.7196	61.2736	0.3669	61.6405	16.5622	0.3482	16.9103	0.0000	75,102.3543	75,102.3543	2.9728	0.0000	75,176.6749
2039	12.1516	98.1531	117.4864	0.7196	61.2736	0.3669	61.6405	16.5622	0.3482	16.9103	0.0000	75,102.3543	75,102.3543	2.9728	0.0000	75,176.6749
Maximum	60.2401	329.6108	342.9029	1.2856	93.8254	8.3291	102.1545	27.0337	7.7336	34.7674	0.0000	131,775.3167	131,775.3167	10.9020	0.0000	132,047.8655

	ROG	NOx	CO	SO2	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	9.31	0.00	9.16	9.22	0.00	8.70	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	5/20/2021	5	100	a
2	Demolition Haul	Demolition	1/1/2021	5/20/2021	5	100	b
3	Site Preparation	Site Preparation	1/1/2021	3/25/2021	5	60	c
4	Grading	Grading	1/1/2021	8/5/2021	5	155	d
5	Building Construction	Building Construction	1/1/2021	12/30/2039	5	4956	e
6	Paving	Paving	1/1/2021	10/1/2025	5	1239	f
7	Architectural Coating	Architectural Coating	1/1/2021	10/1/2025	5	1239	g

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 387.5

Acres of Paving: 74.41

Residential Indoor: 6,075,000; Residential Outdoor: 2,025,000; Non-Residential Indoor: 620,625; Non-Residential Outdoor: 206,875;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	150	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42

Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45
Demolition Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition Haul	Excavators	0	8.00	158	0.38
Demolition Haul	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Crushing/Proc. Equipment	1	8.00	85	0.78

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,093.00	1,472.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,019.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition Haul	0	0.00	0.00	9,117.00	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 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6773	34.9358	25.9044	0.0458		1.7595	1.7595		1.6492	1.6492		4,412.4751	4,412.4751	1.1005		4,439.9876
Total	3.6773	34.9358	25.9044	0.0458		1.7595	1.7595		1.6492	1.6492		4,412.4751	4,412.4751	1.1005		4,439.9876

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	0.0107	0.3753	0.1018	9.9000e-004	0.0256	7.8000e-004	0.0263	7.3500e-003	7.5000e-004	8.1000e-003		107.5170	107.5170	8.4300e-003		107.7278
Worker	0.0650	0.0393	0.5467	1.9000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		189.3950	189.3950	4.0600e-003		189.4963
Total	0.0756	0.4146	0.6485	2.8900e-003	0.2268	2.0800e-003	0.2288	0.0607	1.9500e-003	0.0627		296.9120	296.9120	0.0125		297.2241

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	3.6773	34.9358	25.9044	0.0458		1.7595	1.7595		1.6492	1.6492	0.0000	4,412.4751	4,412.4751	1.1005		4,439.9876
Total	3.6773	34.9358	25.9044	0.0458		1.7595	1.7595		1.6492	1.6492	0.0000	4,412.4751	4,412.4751	1.1005		4,439.9876

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	0.0107	0.3753	0.1018	9.9000e-004	0.0239	7.8000e-004	0.0247	6.9500e-003	7.5000e-004	7.7000e-003		107.5170	107.5170	8.4300e-003		107.7278
Worker	0.0650	0.0393	0.5467	1.9000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		189.3950	189.3950	4.0600e-003		189.4963
Total	0.0756	0.4146	0.6485	2.8900e-003	0.2094	2.0800e-003	0.2115	0.0564	1.9500e-003	0.0584		296.9120	296.9120	0.0125		297.2241

3.3 Demolition Haul - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.5073	0.0000	19.5073	2.9536	0.0000	2.9536			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	19.5073	0.0000	19.5073	2.9536	0.0000	2.9536		0.0000	0.0000	0.0000		0.0000
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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	0.6566	23.1768	6.3670	0.0688	1.5873	0.0728	1.6601	0.4345	0.0697	0.5042		7,682.1468	7,682.1468	0.7965		7,702.0586
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	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	0.6566	23.1768	6.3670	0.0688	1.5873	0.0728	1.6601	0.4345	0.0697	0.5042		7,682.1468	7,682.1468	0.7965		7,702.0586

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					8.3394	0.0000	8.3394	1.2627	0.0000	1.2627			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	8.3394	0.0000	8.3394	1.2627	0.0000	1.2627	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	0.6566	23.1768	6.3670	0.0688	1.4788	0.0728	1.5516	0.4079	0.0697	0.4776		7,682.1468	7,682.1468	0.7965		7,702.0586
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	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	0.6566	23.1768	6.3670	0.0688	1.4788	0.0728	1.5516	0.4079	0.0697	0.4776		7,682.1468	7,682.1468	0.7965		7,702.0586

3.4 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0107	0.3753	0.1018	9.9000e-004	0.0256	7.8000e-004	0.0263	7.3500e-003	7.5000e-004	8.1000e-003		107.5170	107.5170	8.4300e-003		107.7278

Worker	0.0650	0.0393	0.5467	1.9000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		189.3950	189.3950	4.0600e-003		189.4963
Total	0.0756	0.4146	0.6485	2.8900e-003	0.2268	2.0800e-003	0.2288	0.0607	1.9500e-003	0.0627		296.9120	296.9120	0.0125		297.2241

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					7.7233	0.0000	7.7233	4.2454	0.0000	4.2454			0.0000				0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920			3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	7.7233	2.0445	9.7678	4.2454	1.8809	6.1263	0.0000	3,685.6569	3,685.6569	1.1920			3,715.4573

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	0.0107	0.3753	0.1018	9.9000e-004	0.0239	7.8000e-004	0.0247	6.9500e-003	7.5000e-004	7.7000e-003		107.5170	107.5170	8.4300e-003			107.7278
Worker	0.0650	0.0393	0.5467	1.9000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		189.3950	189.3950	4.0600e-003			189.4963
Total	0.0756	0.4146	0.6485	2.8900e-003	0.2094	2.0800e-003	0.2115	0.0564	1.9500e-003	0.0584		296.9120	296.9120	0.0125			297.2241

3.5 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230		6,007.0434	6,007.0434	1.9428		6,055.6134

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	0.0107	0.3753	0.1018	9.9000e-004	0.0256	7.8000e-004	0.0263	7.3500e-003	7.5000e-004	8.1000e-003		107.5170	107.5170	8.4300e-003		107.7278
Worker	0.0722	0.0437	0.6075	2.1100e-003	0.2236	1.4500e-003	0.2250	0.0593	1.3300e-003	0.0606		210.4388	210.4388	4.5100e-003		210.5515
Total	0.0829	0.4189	0.7092	3.1000e-003	0.2491	2.2300e-003	0.2513	0.0666	2.0800e-003	0.0687		317.9558	317.9558	0.0129		318.2793

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					3.7079	0.0000	3.7079	1.5375	0.0000	1.5375			0.0000			0.0000

Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	3.7079	1.9853	5.6932	1.5375	1.8265	3.3640	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

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	0.0107	0.3753	0.1018	9.9000e-004	0.0239	7.8000e-004	0.0247	6.9500e-003	7.5000e-004	7.7000e-003		107.5170	107.5170	8.4300e-003		107.7278
Worker	0.0722	0.0437	0.6075	2.1100e-003	0.2061	1.4500e-003	0.2075	0.0550	1.3300e-003	0.0563		210.4388	210.4388	4.5100e-003		210.5515
Total	0.0829	0.4189	0.7092	3.1000e-003	0.2300	2.2300e-003	0.2322	0.0619	2.0800e-003	0.0640		317.9558	317.9558	0.0129		318.2793

3.6 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

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	3.9278	138.0944	37.4519	0.3630	9.4047	0.2868	9.6916	2.7064	0.2743	2.9807		39,566.2565	39,566.2565	3.1025			39,643.8196
Worker	18.3825	11.1226	154.6891	0.5374	56.9277	0.3685	57.2962	15.0975	0.3393	15.4368		53,588.2480	53,588.2480	1.1476			53,616.9371
Total	22.3104	149.2171	192.1410	0.9003	66.3325	0.6553	66.9878	17.8039	0.6136	18.4175		93,154.5045	93,154.5045	4.2501			93,260.7567

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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160			2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160			2,568.7643

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	3.9278	138.0944	37.4519	0.3630	8.8005	0.2868	9.0873	2.5581	0.2743	2.8324		39,566.2565	39,566.2565	3.1025		39,643.8196
Worker	18.3825	11.1226	154.6891	0.5374	52.4735	0.3685	52.8420	14.0042	0.3393	14.3435		53,588.2480	53,588.2480	1.1476		53,616.9371
Total	22.3104	149.2171	192.1410	0.9003	61.2740	0.6553	61.9293	16.5623	0.6136	17.1759		93,154.5045	93,154.5045	4.2501		93,260.7567

3.6 Building Construction - 2022

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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

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	3.6929	130.6472	36.1628	0.3589	9.4045	0.2496	9.6540	2.7063	0.2387	2.9450		39,177.6643	39,177.6643	3.0054		39,252.7990
Worker	17.3729	10.0769	144.3752	0.5174	56.9277	0.3613	57.2891	15.0975	0.3327	15.4302		51,602.3387	51,602.3387	1.0422		51,628.3943
Total	21.0658	140.7241	180.5380	0.8763	66.3322	0.6109	66.9431	17.8038	0.5713	18.3751		90,780.0029	90,780.0029	4.0476		90,881.1932

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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

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	3.6929	130.6472	36.1628	0.3589	8.8002	0.2496	9.0498	2.5580	0.2387	2.7966		39,177.6643	39,177.6643	3.0054		39,252.7990
Worker	17.3729	10.0769	144.3752	0.5174	52.4735	0.3613	52.8349	14.0042	0.3327	14.3368		51,602.3387	51,602.3387	1.0422		51,628.3943
Total	21.0658	140.7241	180.5380	0.8763	61.2737	0.6109	61.8846	16.5622	0.5713	17.1335		90,780.0029	90,780.0029	4.0476		90,881.1932

3.6 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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
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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	2.8107	98.6071	33.7520	0.3472	9.4043	0.1187	9.5230	2.7062	0.1135	2.8197		37,987.3962	37,987.3962	2.7939		38,057.2445
Worker	16.4524	9.1490	134.6414	0.4974	56.9277	0.3552	57.2829	15.0975	0.3269	15.4244		49,618.5256	49,618.5256	0.9454		49,642.1596
Total	19.2630	107.7561	168.3934	0.8446	66.3320	0.4739	66.8059	17.8038	0.4404	18.2441		87,605.9217	87,605.9217	3.7393		87,699.4040

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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

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	2.8107	98.6071	33.7520	0.3472	8.8000	0.1187	8.9187	2.5579	0.1135	2.6714		37,987.3962	37,987.3962	2.7939		38,057.2445
Worker	16.4524	9.1490	134.6414	0.4974	52.4735	0.3552	52.8287	14.0042	0.3269	14.3311		49,618.5256	49,618.5256	0.9454		49,642.1596
Total	19.2630	107.7561	168.3934	0.8446	61.2735	0.4739	61.7474	16.5621	0.4404	17.0025		87,605.9217	87,605.9217	3.7393		87,699.4040

3.6 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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

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	2.7155	97.3759	33.0511	0.3439	9.4042	0.1162	9.5204	2.7062	0.1111	2.8173		37,685.63 81	37,685.638 1	2.7519		37,754.43 62
Worker	15.6358	8.3317	125.3317	0.4776	56.9277	0.3490	57.2767	15.0975	0.3212	15.4187		47,652.29 95	47,652.299 5	0.8584		47,673.75 97
Total	18.3513	105.7076	158.3828	0.8216	66.3320	0.4652	66.7971	17.8037	0.4323	18.2360		85,337.93 76	85,337.937 6	3.6103		85,428.19 60

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.6989	0.6044		2,570.807 7
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.6989	0.6044		2,570.807 7

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	2.7155	97.3759	33.0511	0.3439	8.7999	0.1162	8.9161	2.5579	0.1111	2.6690		37,685.63 81	37,685.638 1	2.7519		37,754.43 62
Worker	15.6358	8.3317	125.3317	0.4776	52.4735	0.3490	52.8225	14.0042	0.3212	14.3254		47,652.29 95	47,652.299 5	0.8584		47,673.75 97
Total	18.3513	105.7076	158.3828	0.8216	61.2735	0.4652	61.7386	16.5621	0.4323	16.9944		85,337.93 76	85,337.937 6	3.6103		85,428.19 60

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.6459	96.1145	32.6695	0.3414	9.4041	0.1139	9.5180	2.7062	0.1088	2.8150		37,452.0560	37,452.0560	2.7158		37,519.9500
Worker	14.9395	7.6423	117.0011	0.4582	56.9277	0.3447	57.2725	15.0975	0.3172	15.4147		45,725.4883	45,725.4883	0.7851		45,745.1169
Total	17.5853	103.7568	149.6706	0.7997	66.3318	0.4586	66.7904	17.8037	0.4261	18.2298		83,177.5443	83,177.5443	3.5009		83,265.0669

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474	2,556.4744	0.6010		2,571.498
												4				1

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	2.6459	96.1145	32.6695	0.3414	8.7998	0.1139	8.9137	2.5579	0.1088	2.6667		37,452.0560	37,452.0560	2.7158		37,519.9500
Worker	14.9395	7.6423	117.0011	0.4582	52.4735	0.3447	52.8182	14.0042	0.3172	14.3214		45,725.4883	45,725.4883	0.7851		45,745.1169
Total	17.5853	103.7568	149.6706	0.7997	61.2733	0.4586	61.7319	16.5621	0.4261	16.9881		83,177.5443	83,177.5443	3.5009		83,265.0669

3.6 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.5838	94.8555	32.4166	0.3390	9.4041	0.1113	9.5154	2.7062	0.1064	2.8126		37,227.8272	37,227.8272	2.6803		37,294.8337
Worker	14.3337	7.0557	109.8779	0.4416	56.9277	0.3345	57.2622	15.0975	0.3078	15.4053		44,071.6646	44,071.6646	0.7218		44,089.7106
Total	16.9175	101.9112	142.2946	0.7807	66.3318	0.4458	66.7776	17.8037	0.4142	18.2179		81,299.4917	81,299.4917	3.4021		81,384.5443

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.5838	94.8555	32.4166	0.3390	8.7998	0.1113	8.9111	2.5579	0.1064	2.6643		37,227.82 72	37,227.827 2	2.6803		37,294.83 37
Worker	14.3337	7.0557	109.8779	0.4416	52.4735	0.3345	52.8080	14.0042	0.3078	14.3120		44,071.66 46	44,071.664 6	0.7218		44,089.71 06
Total	16.9175	101.9112	142.2946	0.7807	61.2733	0.4458	61.7191	16.5621	0.4142	16.9762		81,299.49 17	81,299.491 7	3.4021		81,384.54 43

3.6 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.4744	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474 4	2,556.4744	0.6010		2,571.498 1

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	2.5311	93.6515	32.2144	0.3369	9.4041	0.1091	9.5132	2.7062	0.1043	2.8105		37,021.26 37	37,021.263 7	2.6468		37,087.43 46
Worker	13.7372	6.5366	103.6332	0.4272	56.9277	0.3165	57.2442	15.0975	0.2912	15.3887		42,632.95 60	42,632.956 0	0.6658		42,649.60 10
Total	16.2683	100.1880	135.8476	0.7640	66.3318	0.4256	66.7574	17.8037	0.3955	18.1992		79,654.21 97	79,654.219 7	3.3126		79,737.03 56

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.5311	93.6515	32.2144	0.3369	8.7998	0.1091	8.9089	2.5579	0.1043	2.6621		37,021.2637	37,021.2637	2.6468		37,087.4346
Worker	13.7372	6.5366	103.6332	0.4272	52.4735	0.3165	52.7900	14.0042	0.2912	14.2954		42,632.9560	42,632.9560	0.6658		42,649.6010
Total	16.2683	100.1880	135.8476	0.7640	61.2733	0.4256	61.6989	16.5621	0.3955	16.9575		79,654.2197	79,654.2197	3.3126		79,737.0356

3.6 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
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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	2.4863	92.6341	32.1046	0.3350	9.4041	0.1070	9.5112	2.7062	0.1023	2.8085		36,841.5797	36,841.5797	2.6162		36,906.9841
Worker	13.1136	6.0744	98.1218	0.4146	56.9277	0.2923	57.2200	15.0975	0.2689	15.3664		41,383.1407	41,383.1407	0.6167		41,398.5592
Total	15.5999	98.7085	130.2264	0.7496	66.3319	0.3993	66.7312	17.8037	0.3712	18.1749		78,224.7203	78,224.7203	3.2329		78,305.5433

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.4863	92.6341	32.1046	0.3350	8.7999	0.1070	8.9069	2.5579	0.1023	2.6602		36,841.5797	36,841.5797	2.6162		36,906.9841
Worker	13.1136	6.0744	98.1218	0.4146	52.4735	0.2923	52.7658	14.0042	0.2689	14.2731		41,383.1407	41,383.1407	0.6167		41,398.5592
Total	15.5999	98.7085	130.2264	0.7496	61.2734	0.3993	61.6727	16.5621	0.3712	16.9332		78,224.7203	78,224.7203	3.2329		78,305.5433

3.6 Building Construction - 2029

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.4469	91.6846	31.9915	0.3333	9.4042	0.1052	9.5094	2.7062	0.1005	2.8067		36,679.39 24	36,679.392 4	2.5902		36,744.14 76
Worker	12.4238	5.6470	92.9064	0.4036	56.9277	0.2709	57.1986	15.0975	0.2492	15.3467		40,292.31 95	40,292.319 5	0.5707		40,306.58 73
Total	14.8708	97.3317	124.8979	0.7369	66.3319	0.3761	66.7080	17.8037	0.3497	18.1534		76,971.71 20	76,971.712 0	3.1609		77,050.73 48

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.4744	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.4744	0.6010		2,571.498 1

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	2.4469	91.6846	31.9915	0.3333	8.7999	0.1052	8.9051	2.5579	0.1005	2.6584		36,679.39 24	36,679.392 4	2.5902		36,744.14 76
Worker	12.4238	5.6470	92.9064	0.4036	52.4735	0.2709	52.7444	14.0042	0.2492	14.2534		40,292.31 95	40,292.319 5	0.5707		40,306.58 73
Total	14.8708	97.3317	124.8979	0.7369	61.2734	0.3761	61.6495	16.5621	0.3497	16.9118		76,971.71 20	76,971.712 0	3.1609		77,050.73 48

3.6 Building Construction - 2030

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.4094	90.7955	31.8874	0.3318	9.4043	0.1032	9.5075	2.7062	0.0986	2.8049		36,533.5431	36,533.5431	2.5657		36,597.6857
Worker	11.7068	5.2517	88.0877	0.3940	56.9277	0.2519	57.1796	15.0975	0.2317	15.3292		39,339.0676	39,339.0676	0.5287		39,352.2851
Total	14.1162	96.0473	119.9752	0.7258	66.3320	0.3551	66.6871	17.8038	0.3303	18.1341		75,872.6107	75,872.6107	3.0944		75,949.9708

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.4094	90.7955	31.8874	0.3318	8.8000	0.1032	8.9032	2.5579	0.0986	2.6566		36,533.5431	36,533.5431	2.5657		36,597.6857
Worker	11.7068	5.2517	88.0877	0.3940	52.4735	0.2519	52.7254	14.0042	0.2317	14.2359		39,339.0676	39,339.0676	0.5287		39,352.2851
Total	14.1162	96.0473	119.9752	0.7258	61.2735	0.3551	61.6286	16.5621	0.3303	16.8925		75,872.6107	75,872.6107	3.0944		75,949.9708

3.6 Building Construction - 2031

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.3792	89.7983	31.8541	0.3306	9.4043	0.1016	9.5059	2.7062	0.0971	2.8034		36,420.4390	36,420.4390	2.5477		36,484.1309
Worker	10.9052	4.8687	83.5155	0.3847	56.9277	0.2340	57.1617	15.0975	0.2152	15.3127		38,416.3502	38,416.3502	0.4872		38,428.5304
Total	13.2844	94.6670	115.3696	0.7153	66.3320	0.3356	66.6676	17.8038	0.3124	18.1161		74,836.7892	74,836.7892	3.0349		74,912.6613

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.3792	89.7983	31.8541	0.3306	8.8000	0.1016	8.9016	2.5579	0.0971	2.6551		36,420.43 90	36,420.439 0	2.5477		36,484.13 09
Worker	10.9052	4.8687	83.5155	0.3847	52.4735	0.2340	52.7075	14.0042	0.2152	14.2194		38,416.35 02	38,416.350 2	0.4872		38,428.53 04
Total	13.2844	94.6670	115.3696	0.7153	61.2735	0.3356	61.6091	16.5621	0.3124	16.8745		74,836.78 92	74,836.789 2	3.0349		74,912.66 13

3.6 Building Construction - 2032

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.5468	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.5468	0.1162		2,900.452 9

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	2.3546	89.0410	31.8489	0.3295	9.4043	0.1002	9.5044	2.7063	0.0958	2.8020		36,322.15 78	36,322.157 8	2.5315		36,385.44 51
Worker	10.1968	4.5422	79.3930	0.3775	56.9277	0.2185	57.1463	15.0975	0.2010	15.2985		37,696.62 74	37,696.627 4	0.4527		37,707.94 38
Total	12.5514	93.5832	111.2419	0.7070	66.3320	0.3187	66.6507	17.8038	0.2968	18.1005		74,018.78 52	74,018.785 2	2.9842		74,093.38 89

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.3546	89.0410	31.8489	0.3295	8.8000	0.1002	8.9002	2.5579	0.0958	2.6537		36,322.1578	36,322.1578	2.5315		36,385.4451
Worker	10.1968	4.5422	79.3930	0.3775	52.4735	0.2185	52.6921	14.0042	0.2010	14.2052		37,696.6274	37,696.6274	0.4527		37,707.9438
Total	12.5514	93.5832	111.2419	0.7070	61.2735	0.3187	61.5922	16.5621	0.2968	16.8589		74,018.7852	74,018.7852	2.9842		74,093.3889

3.6 Building Construction - 2033

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
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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	2.3354	88.3351	31.8638	0.3286	9.4043	0.0988	9.5031	2.7063	0.0944	2.8007		36,238.3891	36,238.3891	2.5170		36,301.3140
Worker	9.5901	4.2654	75.8175	0.3712	56.9277	0.2047	57.1324	15.0975	0.1883	15.2858		37,076.5846	37,076.5846	0.4231		37,087.1609
Total	11.9255	92.6006	107.6814	0.6999	66.3320	0.3035	66.6355	17.8038	0.2827	18.0864		73,314.9737	73,314.9737	2.9401		73,388.4749

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.3354	88.3351	31.8638	0.3286	8.8000	0.0988	8.8988	2.5579	0.0944	2.6524		36,238.3891	36,238.3891	2.5170		36,301.3140
Worker	9.5901	4.2654	75.8175	0.3712	52.4735	0.2047	52.6782	14.0042	0.1883	14.1925		37,076.5846	37,076.5846	0.4231		37,087.1609
Total	11.9255	92.6006	107.6814	0.6999	61.2735	0.3035	61.5770	16.5621	0.2827	16.8448		73,314.9737	73,314.9737	2.9401		73,388.4749

3.6 Building Construction - 2034
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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.3174	87.6846	31.8433	0.3279	9.4043	0.0973	9.5016	2.7063	0.0930	2.7993		36,169.69 93	36,169.699 3	2.5044		36,232.30 89
Worker	9.0700	4.0302	72.4269	0.3658	56.9277	0.1919	57.1196	15.0975	0.1765	15.2740		36,542.19 35	36,542.193 5	0.3954		36,552.07 81
Total	11.3874	91.7148	104.2701	0.6938	66.3321	0.2891	66.6212	17.8038	0.2695	18.0732		72,711.89 28	72,711.892 8	2.8998		72,784.38 70

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.5468	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.5468	0.1162		2,900.452 9

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	2.3174	87.6846	31.8433	0.3279	8.8001	0.0973	8.8973	2.5579	0.0930	2.6509		36,169.69 93	36,169.699 3	2.5044		36,232.30 89
Worker	9.0700	4.0302	72.4269	0.3658	52.4735	0.1919	52.6654	14.0042	0.1765	14.1807		36,542.19 35	36,542.193 5	0.3954		36,552.07 81
Total	11.3874	91.7148	104.2701	0.6938	61.2736	0.2891	61.5627	16.5621	0.2695	16.8316		72,711.89 28	72,711.892 8	2.8998		72,784.38 70

3.6 Building Construction - 2035

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.3018	87.1410	31.8000	0.3274	9.4044	0.0960	9.5004	2.7063	0.0918	2.7981		36,115.3870	36,115.3870	2.4925		36,177.6994
Worker	8.6331	3.8508	69.5686	0.3613	56.9277	0.1804	57.1082	15.0975	0.1660	15.2635		36,089.4205	36,089.4205	0.3724		36,098.7307
Total	10.9348	90.9918	101.3686	0.6886	66.3321	0.2765	66.6086	17.8038	0.2577	18.0615		72,204.8075	72,204.8075	2.8649		72,276.4301

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.3018	87.1410	31.8000	0.3274	8.8001	0.0960	8.8961	2.5580	0.0918	2.6497		36,115.3870	36,115.3870	2.4925		36,177.6994
Worker	8.6331	3.8508	69.5686	0.3613	52.4735	0.1804	52.6540	14.0042	0.1660	14.1702		36,089.4205	36,089.4205	0.3724		36,098.7307
Total	10.9348	90.9918	101.3686	0.6886	61.2736	0.2765	61.5501	16.5622	0.2577	16.8199		72,204.8075	72,204.8075	2.8649		72,276.4301

3.6 Building Construction - 2036

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.3018	87.1410	31.8000	0.3274	9.4044	0.0960	9.5004	2.7063	0.0918	2.7981		36,115.3870	36,115.3870	2.4925			36,177.6994
Worker	8.6331	3.8508	69.5686	0.3613	56.9277	0.1804	57.1082	15.0975	0.1660	15.2635		36,089.4205	36,089.4205	0.3724			36,098.7307
Total	10.9348	90.9918	101.3686	0.6886	66.3321	0.2765	66.6086	17.8038	0.2577	18.0615		72,204.8075	72,204.8075	2.8649			72,276.4301

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079			2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079			2,900.2448

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	2.3018	87.1410	31.8000	0.3274	8.8001	0.0960	8.8961	2.5580	0.0918	2.6497		36,115.3870	36,115.3870	2.4925		36,177.6994
Worker	8.6331	3.8508	69.5686	0.3613	52.4735	0.1804	52.6540	14.0042	0.1660	14.1702		36,089.4205	36,089.4205	0.3724		36,098.7307
Total	10.9348	90.9918	101.3686	0.6886	61.2736	0.2765	61.5501	16.5622	0.2577	16.8199		72,204.8075	72,204.8075	2.8649		72,276.4301

3.6 Building Construction - 2037

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.3018	87.1410	31.8000	0.3274	9.4044	0.0960	9.5004	2.7063	0.0918	2.7981		36,115.3870	36,115.3870	2.4925		36,177.6994
Worker	8.6331	3.8508	69.5686	0.3613	56.9277	0.1804	57.1082	15.0975	0.1660	15.2635		36,089.4205	36,089.4205	0.3724		36,098.7307
Total	10.9348	90.9918	101.3686	0.6886	66.3321	0.2765	66.6086	17.8038	0.2577	18.0615		72,204.8075	72,204.8075	2.8649		72,276.4301

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.3018	87.1410	31.8000	0.3274	8.8001	0.0960	8.8961	2.5580	0.0918	2.6497		36,115.3870	36,115.3870	2.4925		36,177.6994
Worker	8.6331	3.8508	69.5686	0.3613	52.4735	0.1804	52.6540	14.0042	0.1660	14.1702		36,089.4205	36,089.4205	0.3724		36,098.7307
Total	10.9348	90.9918	101.3686	0.6886	61.2736	0.2765	61.5501	16.5622	0.2577	16.8199		72,204.8075	72,204.8075	2.8649		72,276.4301

3.6 Building Construction - 2038

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
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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	2.3018	87.1410	31.8000	0.3274	9.4044	0.0960	9.5004	2.7063	0.0918	2.7981		36,115.3870	36,115.3870	2.4925		36,177.6994
Worker	8.6331	3.8508	69.5686	0.3613	56.9277	0.1804	57.1082	15.0975	0.1660	15.2635		36,089.4205	36,089.4205	0.3724		36,098.7307
Total	10.9348	90.9918	101.3686	0.6886	66.3321	0.2765	66.6086	17.8038	0.2577	18.0615		72,204.8075	72,204.8075	2.8649		72,276.4301

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.3018	87.1410	31.8000	0.3274	8.8001	0.0960	8.8961	2.5580	0.0918	2.6497		36,115.3870	36,115.3870	2.4925		36,177.6994
Worker	8.6331	3.8508	69.5686	0.3613	52.4735	0.1804	52.6540	14.0042	0.1660	14.1702		36,089.4205	36,089.4205	0.3724		36,098.7307
Total	10.9348	90.9918	101.3686	0.6886	61.2736	0.2765	61.5501	16.5622	0.2577	16.8199		72,204.8075	72,204.8075	2.8649		72,276.4301

3.6 Building Construction - 2039

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.3018	87.1410	31.8000	0.3274	9.4044	0.0960	9.5004	2.7063	0.0918	2.7981		36,115.3870	36,115.3870	2.4925		36,177.6994
Worker	8.6331	3.8508	69.5686	0.3613	56.9277	0.1804	57.1082	15.0975	0.1660	15.2635		36,089.4205	36,089.4205	0.3724		36,098.7307
Total	10.9348	90.9918	101.3686	0.6886	66.3321	0.2765	66.6086	17.8038	0.2577	18.0615		72,204.8075	72,204.8075	2.8649		72,276.4301

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.3018	87.1410	31.8000	0.3274	8.8001	0.0960	8.8961	2.5580	0.0918	2.6497		36,115.3870	36,115.3870	2.4925		36,177.6994
Worker	8.6331	3.8508	69.5686	0.3613	52.4735	0.1804	52.6540	14.0042	0.1660	14.1702		36,089.4205	36,089.4205	0.3724		36,098.7307
Total	10.9348	90.9918	101.3686	0.6886	61.2736	0.2765	61.5501	16.5622	0.2577	16.8199		72,204.8075	72,204.8075	2.8649		72,276.4301

3.7 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3205	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136
Total	0.0541	0.0328	0.4556	1.5800e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		157.8291	157.8291	3.3800e-003		157.9136

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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3205	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0541	0.0328	0.4556	1.5800e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		157.8291	157.8291	3.3800e-003		157.9136
Total	0.0541	0.0328	0.4556	1.5800e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		157.8291	157.8291	3.3800e-003		157.9136

3.7 Paving - 2022

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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1677	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0512	0.0297	0.4252	1.5200e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		151.9802	151.9802	3.0700e-003		152.0569
Total	0.0512	0.0297	0.4252	1.5200e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		151.9802	151.9802	3.0700e-003		152.0569

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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1677	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0512	0.0297	0.4252	1.5200e-003	0.1546	1.0600e-003	0.1556	0.0413	9.8000e-004	0.0422		151.9802	151.9802	3.0700e-003		152.0569
Total	0.0512	0.0297	0.4252	1.5200e-003	0.1546	1.0600e-003	0.1556	0.0413	9.8000e-004	0.0422		151.9802	151.9802	3.0700e-003		152.0569

3.7 Paving - 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0977	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		146.1374	146.1374	2.7800e-003		146.2070

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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0977	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0485	0.0270	0.3966	1.4600e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		146.1374	146.1374	2.7800e-003		146.2070
Total	0.0485	0.0270	0.3966	1.4600e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		146.1374	146.1374	2.7800e-003		146.2070

3.7 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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963

Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0531	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310			2,207.5472	2,207.5472	0.7140	2,225.3963

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0461	0.0245	0.3691	1.4100e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		140.3465	140.3465	2.5300e-003		140.4097
Total	0.0461	0.0245	0.3691	1.4100e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		140.3465	140.3465	2.5300e-003		140.4097

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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0531	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0461	0.0245	0.3691	1.4100e-003	0.1546	1.0300e-003	0.1556	0.0413	9.5000e-004	0.0422		140.3465	140.3465	2.5300e-003		140.4097
Total	0.0461	0.0245	0.3691	1.4100e-003	0.1546	1.0300e-003	0.1556	0.0413	9.5000e-004	0.0422		140.3465	140.3465	2.5300e-003		140.4097

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9801	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0440	0.0225	0.3446	1.3500e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		134.6716	134.6716	2.3100e-003		134.7294
Total	0.0440	0.0225	0.3446	1.3500e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		134.6716	134.6716	2.3100e-003		134.7294

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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9801	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0440	0.0225	0.3446	1.3500e-003	0.1546	1.0200e-003	0.1556	0.0413	9.3000e-004	0.0422		134.6716	134.6716	2.3100e-003		134.7294
Total	0.0440	0.0225	0.3446	1.3500e-003	0.1546	1.0200e-003	0.1556	0.0413	9.3000e-004	0.0422		134.6716	134.6716	2.3100e-003		134.7294

3.8 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	18.3289	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.6779	2.2254	30.9500	0.1075	11.3900	0.0737	11.4638	3.0207	0.0679	3.0886		10,721.8584	10,721.8584	0.2296		10,727.5984
Total	3.6779	2.2254	30.9500	0.1075	11.3900	0.0737	11.4638	3.0207	0.0679	3.0886		10,721.8584	10,721.8584	0.2296		10,727.5984

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	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	18.3289	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.6779	2.2254	30.9500	0.1075	10.4988	0.0737	10.5726	2.8019	0.0679	2.8698		10,721.8584	10,721.8584	0.2296		10,727.5984
Total	3.6779	2.2254	30.9500	0.1075	10.4988	0.0737	10.5726	2.8019	0.0679	2.8698		10,721.8584	10,721.8584	0.2296		10,727.5984

3.8 Architectural Coating - 2022

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	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	18.3145	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
Worker	3.4760	2.0162	28.8864	0.1035	11.3900	0.0723	11.4623	3.0207	0.0666	3.0872		10,324.5205	10,324.5205	0.2085			10,329.7337
Total	3.4760	2.0162	28.8864	0.1035	11.3900	0.0723	11.4623	3.0207	0.0666	3.0872		10,324.5205	10,324.5205	0.2085			10,329.7337

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	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000				0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183			281.9062
Total	18.3145	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183			281.9062

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.4760	2.0162	28.8864	0.1035	10.4988	0.0723	10.5711	2.8019	0.0666	2.8685		10,324.5205	10,324.5205	0.2085		10,329.7337
Total	3.4760	2.0162	28.8864	0.1035	10.4988	0.0723	10.5711	2.8019	0.0666	2.8685		10,324.5205	10,324.5205	0.2085		10,329.7337

3.8 Architectural Coating - 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					
Archit. Coating	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	18.3017	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.2918	1.8305	26.9389	0.0995	11.3900	0.0711	11.4611	3.0207	0.0654	3.0861		9,927.6021	9,927.6021	0.1892		9,932.3308
Total	3.2918	1.8305	26.9389	0.0995	11.3900	0.0711	11.4611	3.0207	0.0654	3.0861		9,927.6021	9,927.6021	0.1892		9,932.3308

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	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	18.3017	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.2918	1.8305	26.9389	0.0995	10.4988	0.0711	10.5699	2.8019	0.0654	2.8674		9,927.6021	9,927.6021	0.1892		9,932.3308
Total	3.2918	1.8305	26.9389	0.0995	10.4988	0.0711	10.5699	2.8019	0.0654	2.8674		9,927.6021	9,927.6021	0.1892		9,932.3308

3.8 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	18.1100					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	18.2908	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.1284	1.6670	25.0762	0.0956	11.3900	0.0698	11.4599	3.0207	0.0643	3.0850		9,534.2025	9,534.2025	0.1718		9,538.4962
Total	3.1284	1.6670	25.0762	0.0956	11.3900	0.0698	11.4599	3.0207	0.0643	3.0850		9,534.2025	9,534.2025	0.1718		9,538.4962

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	18.1100					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	18.2908	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	3.1284	1.6670	25.0762	0.0956	10.4988	0.0698	10.5687	2.8019	0.0643	2.8662		9,534.2025	9,534.2025	0.1718		9,538.4962
Total	3.1284	1.6670	25.0762	0.0956	10.4988	0.0698	10.5687	2.8019	0.0643	2.8662		9,534.2025	9,534.2025	0.1718		9,538.4962

3.8 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2809	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9891	1.5291	23.4094	0.0917	11.3900	0.0690	11.4590	3.0207	0.0635	3.0842		9,148.6889	9,148.6889	0.1571		9,152.6162
Total	2.9891	1.5291	23.4094	0.0917	11.3900	0.0690	11.4590	3.0207	0.0635	3.0842		9,148.6889	9,148.6889	0.1571		9,152.6162

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	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2809	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	2.9891	1.5291	23.4094	0.0917	10.4988	0.0690	10.5678	2.8019	0.0635	2.8654		9,148.6889	9,148.6889	0.1571		9,152.6162
Total	2.9891	1.5291	23.4094	0.0917	10.4988	0.0690	10.5678	2.8019	0.0635	2.8654		9,148.6889	9,148.6889	0.1571		9,152.6162

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

Westminster Mall Specific Plan Construction - Orange County, Winter

**Westminster Mall Specific Plan Construction
Orange County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	180.00	1000sqft	4.13	180,000.00	0
Hotel	425.00	Room	1.79	233,750.00	0
Condo/Townhouse	300.00	Dwelling Unit	2.30	300,000.00	858
Apartments Mid Rise	1,200.00	Dwelling Unit	5.51	1,200,000.00	3432
Apartments High Rise	1,500.00	Dwelling Unit	3.83	1,500,000.00	4290
Enclosed Parking with Elevator	1,825.76	1000sqft	8.38	1,825,760.00	0
Parking Lot	456.44	1000sqft	10.48	456,440.00	0
Enclosed Parking with Elevator	342.33	1000sqft	3.93	342,330.00	0
Enclosed Parking with Elevator	342.33	1000sqft	0.00	342,330.00	0
Enclosed Parking with Elevator	798.77	1000sqft	0.00	798,770.00	0
Enclosed Parking with Elevator	798.77	1000sqft	4.58	798,770.00	0
Other Asphalt Surfaces	880.77	1000sqft	20.22	880,770.00	0
Other Non-Asphalt Surfaces	1,168.41	1000sqft	26.82	1,168,410.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	512.82	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2018 SCE Sustainability Report

Land Use - see assumptions file for land uses

Construction Phase - BC normalized to fit duration of construction on site

Off-road Equipment - additional rock crusher to account for processing onsite

Off-road Equipment - no additional equipment needed for Demo Haul

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Demolition -

Trips and VMT - assumes 4 VT per water truck/day, see assump file

Architectural Coating - accounts for all parking area, SCAQMD rule 1113

Construction Off-road Equipment Mitigation - SCAQMD Rule 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	396,815.00	273,864.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	110.00	1,239.00
tblConstructionPhase	NumDays	1,550.00	4,956.00
tblConstructionPhase	NumDays	110.00	1,239.00
tblConstructionPhase	PhaseEndDate	12/28/2028	10/1/2025
tblConstructionPhase	PhaseEndDate	2/24/2028	12/30/2039
tblConstructionPhase	PhaseEndDate	3/17/2022	8/5/2021
tblConstructionPhase	PhaseEndDate	7/27/2028	10/1/2025
tblConstructionPhase	PhaseEndDate	8/12/2021	3/25/2021
tblConstructionPhase	PhaseStartDate	7/28/2028	1/1/2021

tblConstructionPhase	PhaseStartDate	3/18/2022	1/1/2021
tblConstructionPhase	PhaseStartDate	8/13/2021	1/1/2021
tblConstructionPhase	PhaseStartDate	2/25/2028	1/1/2021
tblConstructionPhase	PhaseStartDate	5/21/2021	1/1/2021
tblLandUse	LandUseSquareFeet	617,100.00	233,750.00
tblLandUse	LotAcreage	14.17	1.79
tblLandUse	LotAcreage	18.75	2.30
tblLandUse	LotAcreage	31.58	5.51
tblLandUse	LotAcreage	24.19	3.83
tblLandUse	LotAcreage	41.91	8.38
tblLandUse	LotAcreage	7.86	3.93
tblLandUse	LotAcreage	7.86	0.00
tblLandUse	LotAcreage	18.34	0.00
tblLandUse	LotAcreage	18.34	4.58
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	512.82
tblTripsAndVMT	HaulingTripNumber	9,014.00	9,117.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

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
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Year	lb/day										lb/day					
2021	63.4028	330.8912	332.3791	1.2408	126.4270	8.3413	134.7683	37.9724	7.7453	45.7177	0.0000	127,194.0953	127,194.0953	10.9980	0.0000	127,469.0465
2022	48.7892	171.7178	232.3984	0.9920	77.8899	2.1525	80.0424	20.8690	2.0134	22.8823	0.0000	102,011.6147	102,011.6147	5.6762	0.0000	102,153.5205
2023	46.4586	136.0113	218.0466	0.9580	77.8897	1.8340	79.7238	20.8689	1.7124	22.5813	0.0000	98,611.2076	98,611.2076	5.3222	0.0000	98,744.2632
2024	45.1539	132.0215	206.7859	0.9324	77.8896	1.6853	79.5749	20.8689	1.5726	22.4415	0.0000	96,083.4435	96,083.4435	5.1693	0.0000	96,212.6765
2025	43.9952	127.8700	196.9045	0.9080	77.8895	1.5319	79.4214	20.8689	1.4288	22.2976	0.0000	93,670.2949	93,670.2949	5.0393	0.0000	93,796.2779
2026	20.5488	114.5435	151.7754	0.7762	66.3318	0.9784	67.3102	17.8037	0.9153	18.7190	0.0000	80,617.2463	80,617.2463	4.0590	0.0000	80,718.7211
2027	19.8485	112.7719	145.7239	0.7604	66.3318	0.9576	67.2895	17.8037	0.8960	18.6997	0.0000	79,058.6075	79,058.6075	3.9676	0.0000	79,157.7984
2028	19.1152	111.2559	140.4528	0.7467	66.3319	0.9308	67.2627	17.8037	0.8712	18.6749	0.0000	77,704.7442	77,704.7442	3.8863	0.0000	77,801.9006
2029	18.3061	109.8422	135.4480	0.7347	66.3319	0.9071	67.2390	17.8037	0.8493	18.6531	0.0000	76,516.7467	76,516.7467	3.8131	0.0000	76,612.0734
2030	17.4028	103.9847	130.8943	0.7281	66.3320	0.5063	66.8383	17.8038	0.4814	18.2852	0.0000	75,814.2072	75,814.2072	3.2610	0.0000	75,895.7323
2031	16.4626	102.5573	126.5499	0.7182	66.3320	0.4865	66.8185	17.8038	0.4631	18.2669	0.0000	74,829.3157	74,829.3157	3.2011	0.0000	74,909.3432
2032	15.6321	101.4401	122.6775	0.7103	66.3320	0.4693	66.8013	17.8038	0.4473	18.2510	0.0000	74,050.9240	74,050.9240	3.1500	0.0000	74,129.6734
2033	14.9227	100.4277	119.3430	0.7035	66.3320	0.4538	66.7858	17.8038	0.4329	18.2367	0.0000	73,380.3345	73,380.3345	3.1056	0.0000	73,457.9738
2034	14.3126	99.5163	116.1458	0.6977	66.3321	0.4392	66.7713	17.8038	0.4194	18.2232	0.0000	72,804.9356	72,804.9356	3.0652	0.0000	72,881.5657
2035	13.7092	98.0003	113.3884	0.6928	66.3321	0.3686	66.7007	17.8038	0.3498	18.1536	0.0000	72,320.9080	72,320.9080	3.0220	0.0000	72,396.4584
2036	13.7092	98.0003	113.3884	0.6928	66.3321	0.3686	66.7007	17.8038	0.3498	18.1536	0.0000	72,320.9080	72,320.9080	3.0220	0.0000	72,396.4584
2037	13.7092	98.0003	113.3884	0.6928	66.3321	0.3686	66.7007	17.8038	0.3498	18.1536	0.0000	72,320.9080	72,320.9080	3.0220	0.0000	72,396.4584
2038	13.7092	98.0003	113.3884	0.6928	66.3321	0.3686	66.7007	17.8038	0.3498	18.1536	0.0000	72,320.9080	72,320.9080	3.0220	0.0000	72,396.4584
2039	13.7092	98.0003	113.3884	0.6928	66.3321	0.3686	66.7007	17.8038	0.3498	18.1536	0.0000	72,320.9080	72,320.9080	3.0220	0.0000	72,396.4584
Maximum	63.4028	330.8912	332.3791	1.2408	126.4270	8.3413	134.7683	37.9724	7.7453	45.7177	0.0000	127,194.0953	127,194.0953	10.9980	0.0000	127,469.0465

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					
2021	63.4028	330.8912	332.3791	1.2408	93.8254	8.3413	102.1667	27.0337	7.7453	34.7790	0.0000	127,194.0953	127,194.0953	10.9980	0.0000	127,469.0464
2022	48.7892	171.7178	232.3984	0.9920	71.9271	2.1525	74.0795	19.4054	2.0134	21.4187	0.0000	102,011.6147	102,011.6147	5.6762	0.0000	102,153.5205
2023	46.4586	136.0113	218.0466	0.9580	71.9269	1.8340	73.7609	19.4053	1.7124	21.1177	0.0000	98,611.2076	98,611.2076	5.3222	0.0000	98,744.2632
2024	45.1539	132.0215	206.7859	0.9324	71.9268	1.6853	73.6121	19.4053	1.5726	20.9778	0.0000	96,083.4435	96,083.4435	5.1693	0.0000	96,212.6764
2025	43.9952	127.8700	196.9045	0.9080	71.9267	1.5319	73.4586	19.4053	1.4288	20.8340	0.0000	93,670.2949	93,670.2949	5.0393	0.0000	93,796.2779
2026	20.5488	114.5435	151.7754	0.7762	61.2733	0.9784	62.2517	16.5621	0.9153	17.4773	0.0000	80,617.2463	80,617.2463	4.0590	0.0000	80,718.7211
2027	19.8485	112.7719	145.7239	0.7604	61.2733	0.9576	62.2310	16.5621	0.8960	17.4581	0.0000	79,058.6075	79,058.6075	3.9676	0.0000	79,157.7984
2028	19.1152	111.2559	140.4528	0.7467	61.2734	0.9308	62.2042	16.5621	0.8712	17.4333	0.0000	77,704.7442	77,704.7442	3.8863	0.0000	77,801.9006
2029	18.3061	109.8422	135.4480	0.7347	61.2734	0.9071	62.1805	16.5621	0.8493	17.4114	0.0000	76,516.7467	76,516.7467	3.8131	0.0000	76,612.0734
2030	17.4028	103.9847	130.8943	0.7281	61.2735	0.5063	61.7798	16.5621	0.4814	17.0435	0.0000	75,814.2072	75,814.2072	3.2610	0.0000	75,895.7323
2031	16.4626	102.5573	126.5499	0.7182	61.2735	0.4865	61.7600	16.5621	0.4631	17.0252	0.0000	74,829.3157	74,829.3157	3.2011	0.0000	74,909.3432
2032	15.6321	101.4401	122.6775	0.7103	61.2735	0.4693	61.7428	16.5621	0.4473	17.0094	0.0000	74,050.9240	74,050.9240	3.1500	0.0000	74,129.6734
2033	14.9227	100.4277	119.3430	0.7035	61.2735	0.4538	61.7273	16.5621	0.4329	16.9951	0.0000	73,380.3345	73,380.3345	3.1056	0.0000	73,457.9738
2034	14.3126	99.5163	116.1458	0.6977	61.2736	0.4392	61.7128	16.5621	0.4194	16.9816	0.0000	72,804.9356	72,804.9356	3.0652	0.0000	72,881.5657
2035	13.7092	98.0003	113.3884	0.6928	61.2736	0.3686	61.6422	16.5622	0.3498	16.9119	0.0000	72,320.9080	72,320.9080	3.0220	0.0000	72,396.4584
2036	13.7092	98.0003	113.3884	0.6928	61.2736	0.3686	61.6422	16.5622	0.3498	16.9119	0.0000	72,320.9080	72,320.9080	3.0220	0.0000	72,396.4584
2037	13.7092	98.0003	113.3884	0.6928	61.2736	0.3686	61.6422	16.5622	0.3498	16.9119	0.0000	72,320.9080	72,320.9080	3.0220	0.0000	72,396.4584
2038	13.7092	98.0003	113.3884	0.6928	61.2736	0.3686	61.6422	16.5622	0.3498	16.9119	0.0000	72,320.9080	72,320.9080	3.0220	0.0000	72,396.4584
2039	13.7092	98.0003	113.3884	0.6928	61.2736	0.3686	61.6422	16.5622	0.3498	16.9119	0.0000	72,320.9080	72,320.9080	3.0220	0.0000	72,396.4584
Maximum	63.4028	330.8912	332.3791	1.2408	93.8254	8.3413	102.1667	27.0337	7.7453	34.7790	0.0000	127,194.0953	127,194.0953	10.9980	0.0000	127,469.0464

	ROG	NOx	CO	SO2	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	9.31	0.00	9.16	9.22	0.00	8.70	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	5/20/2021	5	100	a
2	Demolition Haul	Demolition	1/1/2021	5/20/2021	5	100	b
3	Site Preparation	Site Preparation	1/1/2021	3/25/2021	5	60	c
4	Grading	Grading	1/1/2021	3/5/2021	5	155	d
5	Building Construction	Building Construction	1/1/2021	12/30/2039	5	4956	e
6	Paving	Paving	1/1/2021	10/1/2025	5	1239	f
7	Architectural Coating	Architectural Coating	1/1/2021	10/1/2025	5	1239	g

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 387.5

Acres of Paving: 74.41

Residential Indoor: 6,075,000; Residential Outdoor: 2,025,000; Non-Residential Indoor: 620,625; Non-Residential Outdoor: 206,875;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42

Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45
Demolition Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition Haul	Excavators	0	8.00	158	0.38
Demolition Haul	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Crushing/Proc. Equipment	1	8.00	85	0.78

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,093.00	1,472.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,019.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition Haul	0	0.00	0.00	9,117.00	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 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.6773	34.9358	25.9044	0.0458		1.7595	1.7595		1.6492	1.6492		4,412.4751	4,412.4751	1.1005		4,439.9876
Total	3.6773	34.9358	25.9044	0.0458		1.7595	1.7595		1.6492	1.6492		4,412.4751	4,412.4751	1.1005		4,439.9876

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	0.0112	0.3744	0.1117	9.6000e-004	0.0256	8.1000e-004	0.0264	7.3500e-003	7.7000e-004	8.1300e-003		104.8756	104.8756	8.8400e-003		105.0967
Worker	0.0736	0.0432	0.5045	1.8000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		179.2498	179.2498	3.8400e-003		179.3458
Total	0.0848	0.4176	0.6161	2.7600e-003	0.2268	2.1100e-003	0.2289	0.0607	1.9700e-003	0.0627		284.1254	284.1254	0.0127		284.4424

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	3.6773	34.9358	25.9044	0.0458		1.7595	1.7595		1.6492	1.6492	0.0000	4,412.4751	4,412.4751	1.1005		4,439.9876
Total	3.6773	34.9358	25.9044	0.0458		1.7595	1.7595		1.6492	1.6492	0.0000	4,412.4751	4,412.4751	1.1005		4,439.9876

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	0.0112	0.3744	0.1117	9.6000e-004	0.0239	8.1000e-004	0.0247	6.9500e-003	7.7000e-004	7.7200e-003		104.8756	104.8756	8.8400e-003		105.0967
Worker	0.0736	0.0432	0.5045	1.8000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		179.2498	179.2498	3.8400e-003		179.3458
Total	0.0848	0.4176	0.6161	2.7600e-003	0.2094	2.1100e-003	0.2115	0.0564	1.9700e-003	0.0584		284.1254	284.1254	0.0127		284.4424

3.3 Demolition Haul - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.5073	0.0000	19.5073	2.9536	0.0000	2.9536			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	19.5073	0.0000	19.5073	2.9536	0.0000	2.9536		0.0000	0.0000	0.0000		0.0000
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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	0.6728	23.4504	6.6840	0.0677	1.5873	0.0741	1.6615	0.4345	0.0709	0.5055		7,565.7455	7,565.7455	0.8143		7,586.1028
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	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	0.6728	23.4504	6.6840	0.0677	1.5873	0.0741	1.6615	0.4345	0.0709	0.5055		7,565.7455	7,565.7455	0.8143		7,586.1028

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					8.3394	0.0000	8.3394	1.2627	0.0000	1.2627			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	8.3394	0.0000	8.3394	1.2627	0.0000	1.2627	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	0.6728	23.4504	6.6840	0.0677	1.4788	0.0741	1.5530	0.4079	0.0709	0.4788		7,565.7455	7,565.7455	0.8143		7,586.1028
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	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	0.6728	23.4504	6.6840	0.0677	1.4788	0.0741	1.5530	0.4079	0.0709	0.4788		7,565.7455	7,565.7455	0.8143		7,586.1028

3.4 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0112	0.3744	0.1117	9.6000e-004	0.0256	8.1000e-004	0.0264	7.3500e-003	7.7000e-004	8.1300e-003		104.8756	104.8756	8.8400e-003		105.0967

Worker	0.0736	0.0432	0.5045	1.8000e-003	0.2012	1.3000e-003	0.2025	0.0534	1.2000e-003	0.0546		179.2498	179.2498	3.8400e-003		179.3458
Total	0.0848	0.4176	0.6161	2.7600e-003	0.2268	2.1100e-003	0.2289	0.0607	1.9700e-003	0.0627		284.1254	284.1254	0.0127		284.4424

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					7.7233	0.0000	7.7233	4.2454	0.0000	4.2454			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	7.7233	2.0445	9.7678	4.2454	1.8809	6.1263	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

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	0.0112	0.3744	0.1117	9.6000e-004	0.0239	8.1000e-004	0.0247	6.9500e-003	7.7000e-004	7.7200e-003		104.8756	104.8756	8.8400e-003		105.0967
Worker	0.0736	0.0432	0.5045	1.8000e-003	0.1855	1.3000e-003	0.1868	0.0495	1.2000e-003	0.0507		179.2498	179.2498	3.8400e-003		179.3458
Total	0.0848	0.4176	0.6161	2.7600e-003	0.2094	2.1100e-003	0.2115	0.0564	1.9700e-003	0.0584		284.1254	284.1254	0.0127		284.4424

3.5 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	8.6733	1.9853	10.6587	3.5965	1.8265	5.4230		6,007.0434	6,007.0434	1.9428		6,055.6134

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	0.0112	0.3744	0.1117	9.6000e-004	0.0256	8.1000e-004	0.0264	7.3500e-003	7.7000e-004	8.1300e-003		104.8756	104.8756	8.8400e-003		105.0967
Worker	0.0817	0.0480	0.5605	2.0000e-003	0.2236	1.4500e-003	0.2250	0.0593	1.3300e-003	0.0606		199.1664	199.1664	4.2600e-003		199.2731
Total	0.0929	0.4224	0.6722	2.9600e-003	0.2491	2.2600e-003	0.2514	0.0666	2.1000e-003	0.0688		304.0420	304.0420	0.0131		304.3697

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					3.7079	0.0000	3.7079	1.5375	0.0000	1.5375			0.0000			0.0000

Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	3.7079	1.9853	5.6932	1.5375	1.8265	3.3640	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

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	0.0112	0.3744	0.1117	9.6000e-004	0.0239	8.1000e-004	0.0247	6.9500e-003	7.7000e-004	7.7200e-003		104.8756	104.8756	8.8400e-003		105.0967
Worker	0.0817	0.0480	0.5605	2.0000e-003	0.2061	1.4500e-003	0.2075	0.0550	1.3300e-003	0.0563		199.1664	199.1664	4.2600e-003		199.2731
Total	0.0929	0.4224	0.6722	2.9600e-003	0.2300	2.2600e-003	0.2322	0.0619	2.1000e-003	0.0641		304.0420	304.0420	0.0131		304.3697

3.6 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

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	4.1229	137.7691	41.0872	0.3543	9.4047	0.2976	9.7024	2.7064	0.2847	2.9911		38,594.2203	38,594.2203	3.2543			38,675.5766
Worker	20.8124	12.2220	142.7405	0.5085	56.9277	0.3685	57.2962	15.0975	0.3393	15.4368		50,717.7336	50,717.7336	1.0860			50,744.8846
Total	24.9353	149.9911	183.8278	0.8628	66.3325	0.6661	66.9986	17.8039	0.6239	18.4278		89,311.9540	89,311.9540	4.3403			89,420.4611

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	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160			2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160			2,568.7643

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	4.1229	137.7691	41.0872	0.3543	8.8005	0.2976	9.0981	2.5581	0.2847	2.8427		38,594.2203	38,594.2203	3.2543		38,675.5766
Worker	20.8124	12.2220	142.7405	0.5085	52.4735	0.3685	52.8420	14.0042	0.3393	14.3435		50,717.7336	50,717.7336	1.0860		50,744.8846
Total	24.9353	149.9911	183.8278	0.8628	61.2740	0.6661	61.9401	16.5623	0.6239	17.1862		89,311.9540	89,311.9540	4.3403		89,420.4611

3.6 Building Construction - 2022

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	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322

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	3.8767	130.2496	39.6162	0.3503	9.4045	0.2591	9.6636	2.7063	0.2478	2.9541		38,211.5432	38,211.5432	3.1463		38,290.2005
Worker	19.7203	11.0714	133.0187	0.4896	56.9277	0.3613	57.2891	15.0975	0.3327	15.4302		48,840.7891	48,840.7891	0.9856		48,865.4284
Total	23.5970	141.3210	172.6350	0.8399	66.3322	0.6205	66.9527	17.8038	0.5805	18.3843		87,052.3323	87,052.3323	4.1319		87,155.6289

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322

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	3.8767	130.2496	39.6162	0.3503	8.8002	0.2591	9.0593	2.5580	0.2478	2.8058		38,211.5432	38,211.5432	3.1463		38,290.2005
Worker	19.7203	11.0714	133.0187	0.4896	52.4735	0.3613	52.8349	14.0042	0.3327	14.3368		48,840.7891	48,840.7891	0.9856		48,865.4284
Total	23.5970	141.3210	172.6350	0.8399	61.2737	0.6205	61.8942	16.5622	0.5805	17.1427		87,052.3323	87,052.3323	4.1319		87,155.6289

3.6 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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
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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	2.9523	98.0416	36.4041	0.3390	9.4043	0.1260	9.5303	2.7062	0.1205	2.8267		37,066.3220	37,066.3220	2.9091		37,139.0501
Worker	18.7314	10.0498	123.8572	0.4707	56.9277	0.3552	57.2829	15.0975	0.3269	15.4244		46,965.5259	46,965.5259	0.8931		46,987.8537
Total	21.6836	108.0914	160.2614	0.8097	66.3320	0.4812	66.8132	17.8038	0.4474	18.2512		84,031.8479	84,031.8479	3.8022		84,126.9039

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	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

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	2.9523	98.0416	36.4041	0.3390	8.8000	0.1260	8.9260	2.5579	0.1205	2.6784		37,066.3220	37,066.3220	2.9091		37,139.0501
Worker	18.7314	10.0498	123.8572	0.4707	52.4735	0.3552	52.8287	14.0042	0.3269	14.3311		46,965.5259	46,965.5259	0.8931		46,987.8537
Total	21.6836	108.0914	160.2614	0.8097	61.2735	0.4812	61.7547	16.5621	0.4474	17.0095		84,031.8479	84,031.8479	3.8022		84,126.9039

3.6 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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

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	2.8517	96.8264	35.6236	0.3359	9.4042	0.1227	9.5269	2.7062	0.1173	2.8235		36,776.43 98	36,776.439 8	2.8604		36,847.95 04
Worker	17.8607	9.1503	115.1761	0.4520	56.9277	0.3490	57.2767	15.0975	0.3212	15.4187		45,104.93 59	45,104.935 9	0.8102		45,125.19 18
Total	20.7124	105.9766	150.7997	0.7879	66.3320	0.4717	66.8037	17.8037	0.4385	18.2422		81,881.37 57	81,881.375 7	3.6707		81,973.14 22

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.6989	0.6044		2,570.807 7
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.698 9	2,555.6989	0.6044		2,570.807 7

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	2.8517	96.8264	35.6236	0.3359	8.7999	0.1227	8.9226	2.5579	0.1173	2.6752		36,776.43 98	36,776.439 8	2.8604		36,847.95 04
Worker	17.8607	9.1503	115.1761	0.4520	52.4735	0.3490	52.8225	14.0042	0.3212	14.3254		45,104.93 59	45,104.935 9	0.8102		45,125.19 18
Total	20.7124	105.9766	150.7997	0.7879	61.2735	0.4717	61.7452	16.5621	0.4385	17.0006		81,881.37 57	81,881.375 7	3.6707		81,973.14 22

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.7774	95.5774	35.1742	0.3335	9.4041	0.1196	9.5237	2.7062	0.1144	2.8205		36,554.8146	36,554.8146	2.8183		36,625.2721
Worker	17.1148	8.3920	107.4448	0.4337	56.9277	0.3447	57.2725	15.0975	0.3172	15.4147		43,283.2788	43,283.2788	0.7407		43,301.7950
Total	19.8921	103.9694	142.6189	0.7672	66.3318	0.4643	66.7962	17.8037	0.4316	18.2353		79,838.0934	79,838.0934	3.5590		79,927.0671

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474	2,556.4744	0.6010		2,571.498
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.7774	95.5774	35.1742	0.3335	8.7998	0.1196	8.9194	2.5579	0.1144	2.6722		36,554.8146	36,554.8146	2.8183		36,625.2721
Worker	17.1148	8.3920	107.4448	0.4337	52.4735	0.3447	52.8182	14.0042	0.3172	14.3214		43,283.2788	43,283.2788	0.7407		43,301.7950
Total	19.8921	103.9694	142.6189	0.7672	61.2733	0.4643	61.7377	16.5621	0.4316	16.9936		79,838.0934	79,838.0934	3.5590		79,927.0671

3.6 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.7110	94.3269	34.8645	0.3312	9.4041	0.1164	9.5205	2.7062	0.1113	2.8174		36,342.0330	36,342.0330	2.7775		36,411.4708
Worker	16.4704	7.7470	100.8263	0.4180	56.9277	0.3345	57.2622	15.0975	0.3078	15.4053		41,718.7390	41,718.7390	0.6805		41,735.7522
Total	19.1814	102.0738	135.6908	0.7492	66.3318	0.4509	66.7827	17.8037	0.4190	18.2227		78,060.7720	78,060.7720	3.4580		78,147.2230

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.7110	94.3269	34.8645	0.3312	8.7998	0.1164	8.9162	2.5579	0.1113	2.6691		36,342.0330	36,342.0330	2.7775		36,411.4708
Worker	16.4704	7.7470	100.8263	0.4180	52.4735	0.3345	52.8080	14.0042	0.3078	14.3120		41,718.7390	41,718.7390	0.6805		41,735.7522
Total	19.1814	102.0738	135.6908	0.7492	61.2733	0.4509	61.7242	16.5621	0.4190	16.9811		78,060.7720	78,060.7720	3.4580		78,147.2230

3.6 Building Construction - 2027

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.6549	93.1261	34.6168	0.3291	9.4041	0.1136	9.5177	2.7062	0.1086	2.8148		36,145.4897	36,145.4897	2.7394		36,213.9734
Worker	15.8262	7.1761	95.0224	0.4043	56.9277	0.3165	57.2442	15.0975	0.2912	15.3887		40,356.6434	40,356.6434	0.6273		40,372.3269
Total	18.4811	100.3022	129.6392	0.7334	66.3318	0.4301	66.7619	17.8037	0.3998	18.2034		76,502.1331	76,502.1331	3.3667		76,586.3003

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.6549	93.1261	34.6168	0.3291	8.7998	0.1136	8.9134	2.5579	0.1086	2.6664		36,145.4897	36,145.4897	2.7394		36,213.9734
Worker	15.8262	7.1761	95.0224	0.4043	52.4735	0.3165	52.7900	14.0042	0.2912	14.2954		40,356.6434	40,356.6434	0.6273		40,372.3269
Total	18.4811	100.3022	129.6392	0.7334	61.2733	0.4301	61.7034	16.5621	0.3998	16.9618		76,502.1331	76,502.1331	3.3667		76,586.3003

3.6 Building Construction - 2028

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.474	2,556.4744	0.6010		2,571.498
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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	2.6068	92.1186	34.4686	0.3273	9.4041	0.1110	9.5151	2.7062	0.1061	2.8123		35,975.6308	35,975.6308	2.7045		36,043.2433
Worker	15.1410	6.6677	89.8995	0.3924	56.9277	0.2923	57.2200	15.0975	0.2689	15.3664		39,172.6390	39,172.6390	0.5808		39,187.1593
Total	17.7478	98.7863	124.3681	0.7197	66.3319	0.4032	66.7351	17.8037	0.3749	18.1786		75,148.2698	75,148.2698	3.2853		75,230.4025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

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	2.6068	92.1186	34.4686	0.3273	8.7999	0.1110	8.9108	2.5579	0.1061	2.6639		35,975.6308	35,975.6308	2.7045			36,043.2433
Worker	15.1410	6.6677	89.8995	0.3924	52.4735	0.2923	52.7658	14.0042	0.2689	14.2731		39,172.6390	39,172.6390	0.5808			39,187.1593
Total	17.7478	98.7863	124.3681	0.7197	61.2734	0.4032	61.6766	16.5621	0.3749	16.9370		75,148.2698	75,148.2698	3.2853			75,230.4025

3.6 Building Construction - 2029
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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010			2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010			2,571.4981

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	2.5647	91.1753	34.3229	0.3257	9.4042	0.1087	9.5128	2.7062	0.1039	2.8101		35,821.71 69	35,821.716 9	2.6750		35,888.59 23
Worker	14.3740	6.1972	85.0405	0.3820	56.9277	0.2709	57.1986	15.0975	0.2492	15.3467		38,138.55 54	38,138.555 4	0.5371		38,151.98 30
Total	16.9387	97.3725	119.3633	0.7077	66.3319	0.3796	66.7115	17.8037	0.3531	18.1568		73,960.27 24	73,960.272 4	3.2121		74,040.57 53

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.4744	0.6010		2,571.498 1
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.474 4	2,556.4744	0.6010		2,571.498 1

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	2.5647	91.1753	34.3229	0.3257	8.7999	0.1087	8.9086	2.5579	0.1039	2.6618		35,821.71 69	35,821.716 9	2.6750		35,888.59 23
Worker	14.3740	6.1972	85.0405	0.3820	52.4735	0.2709	52.7444	14.0042	0.2492	14.2534		38,138.55 54	38,138.555 4	0.5371		38,151.98 30
Total	16.9387	97.3725	119.3633	0.7077	61.2734	0.3796	61.6530	16.5621	0.3531	16.9152		73,960.27 24	73,960.272 4	3.2121		74,040.57 53

3.6 Building Construction - 2030

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.5246	90.2884	34.1919	0.3243	9.4043	0.1063	9.5105	2.7062	0.1016	2.8078		35,682.2857	35,682.2857	2.6476		35,748.4745
Worker	13.5690	5.7616	80.5454	0.3729	56.9277	0.2519	57.1796	15.0975	0.2317	15.3292		37,234.3747	37,234.3747	0.4972		37,246.8050
Total	16.0937	96.0501	114.7373	0.6972	66.3320	0.3582	66.6902	17.8038	0.3333	18.1370		72,916.6604	72,916.6604	3.1448		72,995.2795

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.5246	90.2884	34.1919	0.3243	8.8000	0.1063	8.9062	2.5579	0.1016	2.6595		35,682.2857	35,682.2857	2.6476		35,748.4745
Worker	13.5690	5.7616	80.5454	0.3729	52.4735	0.2519	52.7254	14.0042	0.2317	14.2359		37,234.3747	37,234.3747	0.4972		37,246.8050
Total	16.0937	96.0501	114.7373	0.6972	61.2735	0.3582	61.6317	16.5621	0.3333	16.8954		72,916.6604	72,916.6604	3.1448		72,995.2795

3.6 Building Construction - 2031

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.4924	89.2837	34.1376	0.3231	9.4043	0.1044	9.5086	2.7062	0.0998	2.8060		35,573.8693	35,573.8693	2.6271		35,639.5460
Worker	12.6611	5.3390	76.2553	0.3641	56.9277	0.2340	57.1617	15.0975	0.2152	15.3127		36,357.8997	36,357.8997	0.4578		36,369.3443
Total	15.1535	94.6227	110.3929	0.6872	66.3320	0.3383	66.6703	17.8038	0.3150	18.1187		71,931.7690	71,931.7690	3.0849		72,008.8903

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.4924	89.2837	34.1376	0.3231	8.8000	0.1044	8.9043	2.5579	0.0998	2.6577		35,573.86 93	35,573.869 3	2.6271		35,639.54 60
Worker	12.6611	5.3390	76.2553	0.3641	52.4735	0.2340	52.7075	14.0042	0.2152	14.2194		36,357.89 97	36,357.899 7	0.4578		36,369.34 43
Total	15.1535	94.6227	110.3929	0.6872	61.2735	0.3383	61.6118	16.5621	0.3150	16.8771		71,931.76 90	71,931.769 0	3.0849		72,008.89 03

3.6 Building Construction - 2032

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.5468	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.546 8	2,897.5468	0.1162		2,900.452 9

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	2.4662	88.5263	34.1193	0.3221	9.4043	0.1026	9.5069	2.7063	0.0981	2.8043		35,478.67 42	35,478.674 2	2.6088		35,543.89 36
Worker	11.8567	4.9792	72.4012	0.3572	56.9277	0.2185	57.1463	15.0975	0.2010	15.2985		35,674.70 31	35,674.703 1	0.4250		35,685.32 70
Total	14.3229	93.5054	106.5205	0.6793	66.3320	0.3212	66.6532	17.8038	0.2991	18.1029		71,153.37 73	71,153.377 3	3.0337		71,229.22 06

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.4662	88.5263	34.1193	0.3221	8.8000	0.1026	8.9026	2.5579	0.0981	2.6560		35,478.6742	35,478.6742	2.6088		35,543.8936
Worker	11.8567	4.9792	72.4012	0.3572	52.4735	0.2185	52.6921	14.0042	0.2010	14.2052		35,674.7031	35,674.7031	0.4250		35,685.3270
Total	14.3229	93.5054	106.5205	0.6793	61.2735	0.3212	61.5947	16.5621	0.2991	16.8612		71,153.3773	71,153.3773	3.0337		71,229.2206

3.6 Building Construction - 2033

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
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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	2.4458	87.8188	34.1256	0.3213	9.4043	0.1010	9.5053	2.7063	0.0965	2.8028		35,396.6747	35,396.6747	2.5925		35,461.4868
Worker	11.1678	4.6743	69.0604	0.3513	56.9277	0.2047	57.1324	15.0975	0.1883	15.2858		35,086.1131	35,086.1131	0.3968		35,096.0342
Total	13.6136	92.4931	103.1860	0.6725	66.3320	0.3057	66.6377	17.8038	0.2848	18.0886		70,482.7878	70,482.7878	2.9893		70,557.5209

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.4458	87.8188	34.1256	0.3213	8.8000	0.1010	8.9010	2.5579	0.0965	2.6545		35,396.6747	35,396.6747	2.5925		35,461.4868
Worker	11.1678	4.6743	69.0604	0.3513	52.4735	0.2047	52.6782	14.0042	0.1883	14.1925		35,086.1131	35,086.1131	0.3968		35,096.0342
Total	13.6136	92.4931	103.1860	0.6725	61.2735	0.3057	61.5792	16.5621	0.2848	16.8469		70,482.7878	70,482.7878	2.9893		70,557.5209

3.6 Building Construction - 2034

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481		2,897.5468	2,897.5468	0.1162		2,900.4529

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	2.4266	87.1662	34.0967	0.3206	9.4043	0.0992	9.5036	2.7063	0.0948	2.8011		35,328.59 13	35,328.591 3	2.5784		35,393.05 11
Worker	10.5768	4.4155	65.8922	0.3461	56.9277	0.1919	57.1196	15.0975	0.1765	15.2740		34,578.79 76	34,578.797 6	0.3706		34,588.06 18
Total	13.0034	91.5816	99.9888	0.6667	66.3321	0.2911	66.6231	17.8038	0.2713	18.0751		69,907.38 89	69,907.388 9	2.9490		69,981.11 28

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	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.5468	0.1162		2,900.452 9
Total	1.3091	7.9346	16.1570	0.0310		0.1481	0.1481		0.1481	0.1481	0.0000	2,897.546 8	2,897.5468	0.1162		2,900.452 9

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	2.4266	87.1662	34.0967	0.3206	8.8001	0.0992	8.8993	2.5579	0.0948	2.6528		35,328.59 13	35,328.591 3	2.5784		35,393.05 11
Worker	10.5768	4.4155	65.8922	0.3461	52.4735	0.1919	52.6654	14.0042	0.1765	14.1807		34,578.79 76	34,578.797 6	0.3706		34,588.06 18
Total	13.0034	91.5816	99.9888	0.6667	61.2736	0.2911	61.5646	16.5621	0.2713	16.8334		69,907.38 89	69,907.388 9	2.9490		69,981.11 28

3.6 Building Construction - 2035

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.4100	86.6208	34.0460	0.3200	9.4044	0.0977	9.5021	2.7063	0.0934	2.7997		35,274.3185	35,274.3185	2.5653		35,338.4521
Worker	10.0823	4.2181	63.2246	0.3418	56.9277	0.1804	57.1082	15.0975	0.1660	15.2635		34,149.0428	34,149.0428	0.3488		34,157.7616
Total	12.4923	90.8389	97.2706	0.6618	66.3321	0.2782	66.6103	17.8038	0.2594	18.0631		69,423.3612	69,423.3612	2.9141		69,496.2137

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	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	2.4100	86.6208	34.0460	0.3200	8.8001	0.0977	8.8978	2.5580	0.0934	2.6514		35,274.3185	35,274.3185	2.5653		35,338.4521
Worker	10.0823	4.2181	63.2246	0.3418	52.4735	0.1804	52.6540	14.0042	0.1660	14.1702		34,149.0428	34,149.0428	0.3488		34,157.7616
Total	12.4923	90.8389	97.2706	0.6618	61.2736	0.2782	61.5518	16.5622	0.2594	16.8215		69,423.3612	69,423.3612	2.9141		69,496.2137

3.6 Building Construction - 2036

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.4100	86.6208	34.0460	0.3200	9.4044	0.0977	9.5021	2.7063	0.0934	2.7997		35,274.3185	35,274.3185	2.5653			35,338.4521
Worker	10.0823	4.2181	63.2246	0.3418	56.9277	0.1804	57.1082	15.0975	0.1660	15.2635		34,149.0428	34,149.0428	0.3488			34,157.7616
Total	12.4923	90.8389	97.2706	0.6618	66.3321	0.2782	66.6103	17.8038	0.2594	18.0631		69,423.3612	69,423.3612	2.9141			69,496.2137

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079			2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079			2,900.2448

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	2.4100	86.6208	34.0460	0.3200	8.8001	0.0977	8.8978	2.5580	0.0934	2.6514		35,274.3185	35,274.3185	2.5653		35,338.4521
Worker	10.0823	4.2181	63.2246	0.3418	52.4735	0.1804	52.6540	14.0042	0.1660	14.1702		34,149.0428	34,149.0428	0.3488		34,157.7616
Total	12.4923	90.8389	97.2706	0.6618	61.2736	0.2782	61.5518	16.5622	0.2594	16.8215		69,423.3612	69,423.3612	2.9141		69,496.2137

3.6 Building Construction - 2037

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.4100	86.6208	34.0460	0.3200	9.4044	0.0977	9.5021	2.7063	0.0934	2.7997		35,274.3185	35,274.3185	2.5653		35,338.4521
Worker	10.0823	4.2181	63.2246	0.3418	56.9277	0.1804	57.1082	15.0975	0.1660	15.2635		34,149.0428	34,149.0428	0.3488		34,157.7616
Total	12.4923	90.8389	97.2706	0.6618	66.3321	0.2782	66.6103	17.8038	0.2594	18.0631		69,423.3612	69,423.3612	2.9141		69,496.2137

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.4100	86.6208	34.0460	0.3200	8.8001	0.0977	8.8978	2.5580	0.0934	2.6514		35,274.3185	35,274.3185	2.5653		35,338.4521
Worker	10.0823	4.2181	63.2246	0.3418	52.4735	0.1804	52.6540	14.0042	0.1660	14.1702		34,149.0428	34,149.0428	0.3488		34,157.7616
Total	12.4923	90.8389	97.2706	0.6618	61.2736	0.2782	61.5518	16.5622	0.2594	16.8215		69,423.3612	69,423.3612	2.9141		69,496.2137

3.6 Building Construction - 2038

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
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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	2.4100	86.6208	34.0460	0.3200	9.4044	0.0977	9.5021	2.7063	0.0934	2.7997		35,274.3185	35,274.3185	2.5653		35,338.4521
Worker	10.0823	4.2181	63.2246	0.3418	56.9277	0.1804	57.1082	15.0975	0.1660	15.2635		34,149.0428	34,149.0428	0.3488		34,157.7616
Total	12.4923	90.8389	97.2706	0.6618	66.3321	0.2782	66.6103	17.8038	0.2594	18.0631		69,423.3612	69,423.3612	2.9141		69,496.2137

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.4100	86.6208	34.0460	0.3200	8.8001	0.0977	8.8978	2.5580	0.0934	2.6514		35,274.3185	35,274.3185	2.5653		35,338.4521
Worker	10.0823	4.2181	63.2246	0.3418	52.4735	0.1804	52.6540	14.0042	0.1660	14.1702		34,149.0428	34,149.0428	0.3488		34,157.7616
Total	12.4923	90.8389	97.2706	0.6618	61.2736	0.2782	61.5518	16.5622	0.2594	16.8215		69,423.3612	69,423.3612	2.9141		69,496.2137

3.6 Building Construction - 2039

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904		2,897.5468	2,897.5468	0.1079		2,900.2448

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	2.4100	86.6208	34.0460	0.3200	9.4044	0.0977	9.5021	2.7063	0.0934	2.7997		35,274.31 85	35,274.318 5	2.5653		35,338.45 21
Worker	10.0823	4.2181	63.2246	0.3418	56.9277	0.1804	57.1082	15.0975	0.1660	15.2635		34,149.04 28	34,149.042 8	0.3488		34,157.76 16
Total	12.4923	90.8389	97.2706	0.6618	66.3321	0.2782	66.6103	17.8038	0.2594	18.0631		69,423.36 12	69,423.361 2	2.9141		69,496.21 37

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	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.5468	0.1079		2,900.244 8
Total	1.2168	7.1613	16.1178	0.0310		0.0904	0.0904		0.0904	0.0904	0.0000	2,897.546 8	2,897.5468	0.1079		2,900.244 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	2.4100	86.6208	34.0460	0.3200	8.8001	0.0977	8.8978	2.5580	0.0934	2.6514		35,274.31 85	35,274.318 5	2.5653		35,338.45 21
Worker	10.0823	4.2181	63.2246	0.3418	52.4735	0.1804	52.6540	14.0042	0.1660	14.1702		34,149.04 28	34,149.042 8	0.3488		34,157.76 16
Total	12.4923	90.8389	97.2706	0.6618	61.2736	0.2782	61.5518	16.5622	0.2594	16.8215		69,423.36 12	69,423.361 2	2.9141		69,496.21 37

3.7 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3205	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548
Total	0.0613	0.0360	0.4204	1.5000e-003	0.1677	1.0900e-003	0.1688	0.0445	1.0000e-003	0.0455		149.3748	149.3748	3.2000e-003		149.4548

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	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3205	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0613	0.0360	0.4204	1.5000e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		149.3748	149.3748	3.2000e-003		149.4548
Total	0.0613	0.0360	0.4204	1.5000e-003	0.1546	1.0900e-003	0.1556	0.0413	1.0000e-003	0.0422		149.3748	149.3748	3.2000e-003		149.4548

3.7 Paving - 2022

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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1677	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0581	0.0326	0.3918	1.4400e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		143.8468	143.8468	2.9000e-003		143.9194
Total	0.0581	0.0326	0.3918	1.4400e-003	0.1677	1.0600e-003	0.1687	0.0445	9.8000e-004	0.0455		143.8468	143.8468	2.9000e-003		143.9194

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	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1677	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0581	0.0326	0.3918	1.4400e-003	0.1546	1.0600e-003	0.1556	0.0413	9.8000e-004	0.0422		143.8468	143.8468	2.9000e-003		143.9194
Total	0.0581	0.0326	0.3918	1.4400e-003	0.1546	1.0600e-003	0.1556	0.0413	9.8000e-004	0.0422		143.8468	143.8468	2.9000e-003		143.9194

3.7 Paving - 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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0977	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1677	1.0500e-003	0.1687	0.0445	9.6000e-004	0.0454		138.3238	138.3238	2.6300e-003		138.3895

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	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0977	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0552	0.0296	0.3648	1.3900e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		138.3238	138.3238	2.6300e-003		138.3895
Total	0.0552	0.0296	0.3648	1.3900e-003	0.1546	1.0500e-003	0.1556	0.0413	9.6000e-004	0.0422		138.3238	138.3238	2.6300e-003		138.3895

3.7 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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963

Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0531	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0526	0.0270	0.3392	1.3300e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		132.8439	132.8439	2.3900e-003		132.9036
Total	0.0526	0.0270	0.3392	1.3300e-003	0.1677	1.0300e-003	0.1687	0.0445	9.5000e-004	0.0454		132.8439	132.8439	2.3900e-003		132.9036

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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0531	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0526	0.0270	0.3392	1.3300e-003	0.1546	1.0300e-003	0.1556	0.0413	9.5000e-004	0.0422		132.8439	132.8439	2.3900e-003		132.9036
Total	0.0526	0.0270	0.3392	1.3300e-003	0.1546	1.0300e-003	0.1556	0.0413	9.5000e-004	0.0422		132.8439	132.8439	2.3900e-003		132.9036

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9801	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Unmitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0504	0.0247	0.3165	1.2800e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		127.4787	127.4787	2.1800e-003		127.5333
Total	0.0504	0.0247	0.3165	1.2800e-003	0.1677	1.0200e-003	0.1687	0.0445	9.3000e-004	0.0454		127.4787	127.4787	2.1800e-003		127.5333

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	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0649					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9801	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0504	0.0247	0.3165	1.2800e-003	0.1546	1.0200e-003	0.1556	0.0413	9.3000e-004	0.0422		127.4787	127.4787	2.1800e-003		127.5333
Total	0.0504	0.0247	0.3165	1.2800e-003	0.1546	1.0200e-003	0.1556	0.0413	9.3000e-004	0.0422		127.4787	127.4787	2.1800e-003		127.5333

3.8 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	18.3289	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.1641	2.4454	28.5593	0.1017	11.3900	0.0737	11.4638	3.0207	0.0679	3.0886		10,147.5301	10,147.5301	0.2173		10,152.9624
Total	4.1641	2.4454	28.5593	0.1017	11.3900	0.0737	11.4638	3.0207	0.0679	3.0886		10,147.5301	10,147.5301	0.2173		10,152.9624

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	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	18.3289	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	4.1641	2.4454	28.5593	0.1017	10.4988	0.0737	10.5726	2.8019	0.0679	2.8698		10,147.5301	10,147.5301	0.2173		10,152.9624
Total	4.1641	2.4454	28.5593	0.1017	10.4988	0.0737	10.5726	2.8019	0.0679	2.8698		10,147.5301	10,147.5301	0.2173		10,152.9624

3.8 Architectural Coating - 2022

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	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	18.3145	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.9456	2.2152	26.6142	0.0980	11.3900	0.0723	11.4623	3.0207	0.0666	3.0872		9,771.9937	9,771.9937	0.1972		9,776.9235
Total	3.9456	2.2152	26.6142	0.0980	11.3900	0.0723	11.4623	3.0207	0.0666	3.0872		9,771.9937	9,771.9937	0.1972		9,776.9235

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	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	18.3145	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.9456	2.2152	26.6142	0.0980	10.4988	0.0723	10.5711	2.8019	0.0666	2.8685		9,771.9937	9,771.9937	0.1972		9,776.9235
Total	3.9456	2.2152	26.6142	0.0980	10.4988	0.0723	10.5711	2.8019	0.0666	2.8685		9,771.9937	9,771.9937	0.1972		9,776.9235

3.8 Architectural Coating - 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					
Archit. Coating	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	18.3017	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.7478	2.0108	24.7812	0.0942	11.3900	0.0711	11.4611	3.0207	0.0654	3.0861		9,396.7938	9,396.7938	0.1787		9,401.2611
Total	3.7478	2.0108	24.7812	0.0942	11.3900	0.0711	11.4611	3.0207	0.0654	3.0861		9,396.7938	9,396.7938	0.1787		9,401.2611

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	18.1100						0.0000	0.0000		0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	18.3017	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.7478	2.0108	24.7812	0.0942	10.4988	0.0711	10.5699	2.8019	0.0654	2.8674		9,396.7938	9,396.7938	0.1787		9,401.2611
Total	3.7478	2.0108	24.7812	0.0942	10.4988	0.0711	10.5699	2.8019	0.0654	2.8674		9,396.7938	9,396.7938	0.1787		9,401.2611

3.8 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	18.1100						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	18.2908	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.5735	1.8308	23.0443	0.0904	11.3900	0.0698	11.4599	3.0207	0.0643	3.0850		9,024.5297	9,024.5297	0.1621		9,028.5825
Total	3.5735	1.8308	23.0443	0.0904	11.3900	0.0698	11.4599	3.0207	0.0643	3.0850		9,024.5297	9,024.5297	0.1621		9,028.5825

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	18.1100					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	18.2908	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	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Worker	3.5735	1.8308	23.0443	0.0904	10.4988	0.0698	10.5687	2.8019	0.0643	2.8662		9,024.5297	9,024.5297	0.1621		9,028.5825
Total	3.5735	1.8308	23.0443	0.0904	10.4988	0.0698	10.5687	2.8019	0.0643	2.8662		9,024.5297	9,024.5297	0.1621		9,028.5825

3.8 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	18.2809	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.4243	1.6791	21.4974	0.0868	11.3900	0.0690	11.4590	3.0207	0.0635	3.0842		8,660.0552	8,660.0552	0.1482		8,663.7599
Total	3.4243	1.6791	21.4974	0.0868	11.3900	0.0690	11.4590	3.0207	0.0635	3.0842		8,660.0552	8,660.0552	0.1482		8,663.7599

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	18.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	18.2809	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	3.4243	1.6791	21.4974	0.0868	10.4988	0.0690	10.5678	2.8019	0.0635	2.8654		8,660.0552	8,660.0552	0.1482		8,663.7599
Total	3.4243	1.6791	21.4974	0.0868	10.4988	0.0690	10.5678	2.8019	0.0635	2.8654		8,660.0552	8,660.0552	0.1482		8,663.7599

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

Westminster Mall Specific Plan Construction - Orange County, Annual

**Westminster Mall Specific Plan Construction
Orange County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Regional Shopping Center	180.00	1000sqft	4.13	180,000.00	0
Hotel	425.00	Room	1.79	233,750.00	0
Condo/Townhouse	300.00	Dwelling Unit	2.30	300,000.00	858
Apartments Mid Rise	1,200.00	Dwelling Unit	5.51	1,200,000.00	3432
Apartments High Rise	1,500.00	Dwelling Unit	3.83	1,500,000.00	4290
Enclosed Parking with Elevator	1,825.76	1000sqft	8.38	1,825,760.00	0
Parking Lot	456.44	1000sqft	10.48	456,440.00	0
Enclosed Parking with Elevator	342.33	1000sqft	3.93	342,330.00	0
Enclosed Parking with Elevator	342.33	1000sqft	0.00	342,330.00	0
Enclosed Parking with Elevator	798.77	1000sqft	0.00	798,770.00	0
Enclosed Parking with Elevator	798.77	1000sqft	4.58	798,770.00	0
Other Asphalt Surfaces	880.77	1000sqft	20.22	880,770.00	0
Other Non-Asphalt Surfaces	1,168.41	1000sqft	26.82	1,168,410.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	512.82	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2018 SCE Sustainability Report

Land Use - see assumptions file for land uses

Construction Phase - BC normalized to fit duration of construction on site

Off-road Equipment - additional rock crusher to account for processing onsite

Off-road Equipment - no additional equipment needed for Demo Haul

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Demolition -

Trips and VMT - assumes 4 VT per water truck/day, see assump file

Architectural Coating - accounts for all parking area, SCAQMD rule 1113

Construction Off-road Equipment Mitigation - SCAQMD Rule 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	396,815.00	273,864.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	110.00	1,239.00
tblConstructionPhase	NumDays	1,550.00	4,956.00
tblConstructionPhase	NumDays	110.00	1,239.00
tblConstructionPhase	PhaseEndDate	12/28/2028	10/1/2025
tblConstructionPhase	PhaseEndDate	2/24/2028	12/30/2039
tblConstructionPhase	PhaseEndDate	3/17/2022	8/5/2021
tblConstructionPhase	PhaseEndDate	7/27/2028	10/1/2025
tblConstructionPhase	PhaseEndDate	8/12/2021	3/25/2021
tblConstructionPhase	PhaseStartDate	7/28/2028	1/1/2021

tblConstructionPhase	PhaseStartDate	3/18/2022	1/1/2021
tblConstructionPhase	PhaseStartDate	8/13/2021	1/1/2021
tblConstructionPhase	PhaseStartDate	2/25/2028	1/1/2021
tblConstructionPhase	PhaseStartDate	5/21/2021	1/1/2021
tblLandUse	LandUseSquareFeet	617,100.00	233,750.00
tblLandUse	LotAcreage	14.17	1.79
tblLandUse	LotAcreage	18.75	2.30
tblLandUse	LotAcreage	31.58	5.51
tblLandUse	LotAcreage	24.19	3.83
tblLandUse	LotAcreage	41.91	8.38
tblLandUse	LotAcreage	7.86	3.93
tblLandUse	LotAcreage	7.86	0.00
tblLandUse	LotAcreage	18.34	0.00
tblLandUse	LotAcreage	18.34	4.58
tblOffRoadEquipment	OffRoadEquipmentType		Crushing/Proc. Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	512.82
tblTripsAndVMT	HaulingTripNumber	9,014.00	9,117.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

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
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Year	tons/yr										MT/yr					
2021	6.9369	32.2509	37.1636	0.1469	12.2915	0.6289	12.9203	3.4354	0.5852	4.0206	0.0000	13,677.9967	13,677.9967	0.9493	0.0000	13,701.7286
2022	6.0063	22.6668	30.5200	0.1308	9.9487	0.2791	10.2278	2.6695	0.2610	2.9306	0.0000	12,202.3614	12,202.3614	0.6623	0.0000	12,218.9193
2023	5.7181	17.9159	28.6840	0.1263	9.9487	0.2379	10.1866	2.6695	0.2221	2.8916	0.0000	11,794.1041	11,794.1041	0.6221	0.0000	11,809.6570
2024	5.6012	17.5220	27.4029	0.1239	10.0252	0.2203	10.2455	2.6901	0.2055	2.8956	0.0000	11,579.5325	11,579.5325	0.6090	0.0000	11,594.7575
2025	4.7110	16.5320	24.7238	0.1164	9.6180	0.1819	9.7999	2.5818	0.1698	2.7516	0.0000	10,908.4008	10,908.4008	0.5655	0.0000	10,922.5390
2026	2.4337	15.1526	20.0034	0.1027	8.5056	0.1273	8.6329	2.2864	0.1191	2.4055	0.0000	9,680.0090	9,680.0090	0.4754	0.0000	9,691.8948
2027	2.3492	14.9149	19.1989	0.1006	8.5056	0.1246	8.6302	2.2864	0.1166	2.4030	0.0000	9,492.3520	9,492.3520	0.4648	0.0000	9,503.9730
2028	2.2529	14.6550	18.4273	0.0984	8.4730	0.1207	8.5937	2.2776	0.1130	2.3906	0.0000	9,293.5517	9,293.5517	0.4537	0.0000	9,304.8932
2029	2.1655	14.5216	17.8329	0.0972	8.5056	0.1181	8.6237	2.2864	0.1106	2.3970	0.0000	9,186.2728	9,186.2728	0.4469	0.0000	9,197.4454
2030	2.0582	13.7525	17.2275	0.0963	8.5056	0.0658	8.5715	2.2864	0.0626	2.3490	0.0000	9,101.0939	9,101.0939	0.3817	0.0000	9,110.6357
2031	1.9479	13.5615	16.6504	0.0950	8.5056	0.0633	8.5689	2.2864	0.0602	2.3466	0.0000	8,982.6957	8,982.6957	0.3747	0.0000	8,992.0628
2032	1.8578	13.4634	16.1971	0.0943	8.5382	0.0613	8.5995	2.2952	0.0584	2.3536	0.0000	8,923.2242	8,923.2242	0.3701	0.0000	8,932.4774
2033	1.7609	13.2257	15.6313	0.0927	8.4730	0.0588	8.5319	2.2776	0.0561	2.3338	0.0000	8,774.9016	8,774.9016	0.3621	0.0000	8,783.9551
2034	1.6901	13.1043	15.2074	0.0919	8.4730	0.0570	8.5300	2.2776	0.0544	2.3320	0.0000	8,706.1401	8,706.1401	0.3574	0.0000	8,715.0760
2035	1.6249	12.9544	14.8989	0.0917	8.5056	0.0480	8.5536	2.2864	0.0455	2.3319	0.0000	8,681.5850	8,681.5850	0.3537	0.0000	8,690.4285
2036	1.6311	13.0041	14.9560	0.0920	8.5382	0.0482	8.5864	2.2952	0.0457	2.3409	0.0000	8,714.8477	8,714.8477	0.3551	0.0000	8,723.7251
2037	1.6249	12.9544	14.8989	0.0917	8.5056	0.0480	8.5536	2.2864	0.0455	2.3319	0.0000	8,681.5850	8,681.5850	0.3537	0.0000	8,690.4285
2038	1.6249	12.9544	14.8989	0.0917	8.5056	0.0480	8.5536	2.2864	0.0455	2.3319	0.0000	8,681.5850	8,681.5850	0.3537	0.0000	8,690.4285
2039	1.6187	12.9048	14.8418	0.0913	8.4730	0.0478	8.5208	2.2776	0.0454	2.3230	0.0000	8,648.3222	8,648.3222	0.3524	0.0000	8,657.1318
Maximum	6.9369	32.2509	37.1636	0.1469	12.2915	0.6289	12.9203	3.4354	0.5852	4.0206	0.0000	13,677.9967	13,677.9967	0.9493	0.0000	13,701.7286

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					
2021	6.9369	32.2509	37.1636	0.1469	10.2677	0.6289	10.8965	2.8317	0.5852	3.4168	0.0000	13,677.9951	13,677.9951	0.9493	0.0000	13,701.7270
2022	6.0063	22.6668	30.5200	0.1308	9.1895	0.2791	9.4686	2.4832	0.2610	2.7442	0.0000	12,202.3607	12,202.3607	0.6623	0.0000	12,218.9186
2023	5.7181	17.9159	28.6840	0.1263	9.1895	0.2379	9.4273	2.4832	0.2221	2.7052	0.0000	11,794.1034	11,794.1034	0.6221	0.0000	11,809.6563
2024	5.6012	17.5220	27.4029	0.1239	9.2601	0.2203	9.4804	2.5023	0.2055	2.7078	0.0000	11,579.5318	11,579.5318	0.6090	0.0000	11,594.7568
2025	4.7110	16.5320	24.7238	0.1164	8.8846	0.1819	9.0666	2.4018	0.1698	2.5716	0.0000	10,908.4001	10,908.4001	0.5655	0.0000	10,922.5384
2026	2.4337	15.1526	20.0034	0.1027	7.8590	0.1273	7.9863	2.1277	0.1191	2.2468	0.0000	9,680.0086	9,680.0086	0.4754	0.0000	9,691.8944
2027	2.3492	14.9149	19.1989	0.1006	7.8590	0.1246	7.9837	2.1277	0.1166	2.2443	0.0000	9,492.3516	9,492.3516	0.4648	0.0000	9,503.9726
2028	2.2529	14.6550	18.4273	0.0984	7.8289	0.1207	7.9496	2.1195	0.1130	2.2325	0.0000	9,293.5513	9,293.5513	0.4537	0.0000	9,304.8928
2029	2.1655	14.5216	17.8329	0.0972	7.8590	0.1181	7.9771	2.1277	0.1106	2.2383	0.0000	9,186.2725	9,186.2725	0.4469	0.0000	9,197.4450
2030	2.0582	13.7525	17.2275	0.0963	7.8590	0.0658	7.9249	2.1277	0.0626	2.1903	0.0000	9,101.0935	9,101.0935	0.3817	0.0000	9,110.6353
2031	1.9479	13.5615	16.6504	0.0950	7.8590	0.0633	7.9223	2.1277	0.0602	2.1879	0.0000	8,982.6953	8,982.6953	0.3747	0.0000	8,992.0624
2032	1.8578	13.4634	16.1971	0.0943	7.8892	0.0613	7.9505	2.1358	0.0584	2.1943	0.0000	8,923.2238	8,923.2238	0.3701	0.0000	8,932.4770
2033	1.7609	13.2257	15.6313	0.0927	7.8289	0.0588	7.8878	2.1195	0.0561	2.1757	0.0000	8,774.9011	8,774.9011	0.3621	0.0000	8,783.9547
2034	1.6901	13.1043	15.2074	0.0919	7.8289	0.0570	7.8859	2.1195	0.0544	2.1739	0.0000	8,706.1397	8,706.1397	0.3574	0.0000	8,715.0756
2035	1.6249	12.9544	14.8989	0.0917	7.8591	0.0480	7.9070	2.1277	0.0455	2.1732	0.0000	8,681.5845	8,681.5845	0.3537	0.0000	8,690.4281
2036	1.6311	13.0041	14.9560	0.0920	7.8892	0.0482	7.9373	2.1359	0.0457	2.1816	0.0000	8,714.8473	8,714.8473	0.3551	0.0000	8,723.7247
2037	1.6249	12.9544	14.8989	0.0917	7.8591	0.0480	7.9070	2.1277	0.0455	2.1732	0.0000	8,681.5845	8,681.5845	0.3537	0.0000	8,690.4281
2038	1.6249	12.9544	14.8989	0.0917	7.8591	0.0480	7.9070	2.1277	0.0455	2.1732	0.0000	8,681.5845	8,681.5845	0.3537	0.0000	8,690.4281
2039	1.6187	12.9048	14.8418	0.0913	7.8289	0.0478	7.8767	2.1195	0.0454	2.1649	0.0000	8,648.3218	8,648.3218	0.3524	0.0000	8,657.1314

Maximum	6.9369	32.2509	37.1636	0.1469	10.2677	0.6289	10.8965	2.8317	0.5852	3.4168	0.0000	13,677.99 51	13,677.995 1	0.9493	0.0000	13,701.72 70
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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	8.25	0.00	8.12	7.74	0.00	7.36	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2021	3-31-2021	13.3529	13.3529
2	4-1-2021	6-30-2021	10.7157	10.7157
3	7-1-2021	9-30-2021	8.2451	8.2451
4	10-1-2021	12-31-2021	7.7234	7.7234
5	1-1-2022	3-31-2022	7.0877	7.0877
6	4-1-2022	6-30-2022	7.0428	7.0428
7	7-1-2022	9-30-2022	7.1202	7.1202
8	10-1-2022	12-31-2022	7.2452	7.2452
9	1-1-2023	3-31-2023	5.8651	5.8651
10	4-1-2023	6-30-2023	5.8197	5.8197
11	7-1-2023	9-30-2023	5.8837	5.8837
12	10-1-2023	12-31-2023	5.9954	5.9954
13	1-1-2024	3-31-2024	5.7582	5.7582
14	4-1-2024	6-30-2024	5.6526	5.6526
15	7-1-2024	9-30-2024	5.7148	5.7148
16	10-1-2024	12-31-2024	5.8215	5.8215
17	1-1-2025	3-31-2025	5.5242	5.5242
18	4-1-2025	6-30-2025	5.4844	5.4844
19	7-1-2025	9-30-2025	5.5447	5.5447
20	10-1-2025	12-31-2025	4.5366	4.5366
21	1-1-2026	3-31-2026	4.3423	4.3423
22	4-1-2026	6-30-2026	4.3116	4.3116
23	7-1-2026	9-30-2026	4.3590	4.3590
24	10-1-2026	12-31-2026	4.4387	4.4387
25	1-1-2027	3-31-2027	4.2628	4.2628

26	4-1-2027	6-30-2027	4.2345	4.2345
27	7-1-2027	9-30-2027	4.2811	4.2811
28	10-1-2027	12-31-2027	4.3575	4.3575
29	1-1-2028	3-31-2028	4.2371	4.2371
30	4-1-2028	6-30-2028	4.1647	4.1647
31	7-1-2028	9-30-2028	4.2105	4.2105
32	10-1-2028	12-31-2028	4.2836	4.2836
33	1-1-2029	3-31-2029	4.1191	4.1191
34	4-1-2029	6-30-2029	4.0963	4.0963
35	7-1-2029	9-30-2029	4.1413	4.1413
36	10-1-2029	12-31-2029	4.2106	4.2106
37	1-1-2030	3-31-2030	3.9017	3.9017
38	4-1-2030	6-30-2030	3.8807	3.8807
39	7-1-2030	9-30-2030	3.9234	3.9234
40	10-1-2030	12-31-2030	3.9884	3.9884
41	1-1-2031	3-31-2031	3.8256	3.8256
42	4-1-2031	6-30-2031	3.8088	3.8088
43	7-1-2031	9-30-2031	3.8507	3.8507
44	10-1-2031	12-31-2031	3.9107	3.9107
45	1-1-2032	3-31-2032	3.8048	3.8048
46	4-1-2032	6-30-2032	3.7498	3.7498
47	7-1-2032	9-30-2032	3.7910	3.7910
48	10-1-2032	12-31-2032	3.8467	3.8467
49	1-1-2033	3-31-2033	3.7077	3.7077
50	4-1-2033	6-30-2033	3.6975	3.6975
51	7-1-2033	9-30-2033	3.7382	3.7382
52	10-1-2033	12-31-2033	3.7901	3.7901
53	1-1-2034	3-31-2034	3.6588	3.6588
54	4-1-2034	6-30-2034	3.6512	3.6512
55	7-1-2034	9-30-2034	3.6914	3.6914
56	10-1-2034	12-31-2034	3.7401	3.7401

57	1-1-2035	3-31-2035	3.5907	3.5907
58	4-1-2035	6-30-2035	3.5849	3.5849
59	7-1-2035	9-30-2035	3.6243	3.6243
60	10-1-2035	12-31-2035	3.6705	3.6705
61	1-1-2036	3-31-2036	3.6306	3.6306
62	4-1-2036	6-30-2036	3.5849	3.5849
63	7-1-2036	9-30-2036	3.6243	3.6243
64	10-1-2036	12-31-2036	3.6705	3.6705
65	1-1-2037	3-31-2037	3.5907	3.5907
66	4-1-2037	6-30-2037	3.5849	3.5849
67	7-1-2037	9-30-2037	3.6243	3.6243
68	10-1-2037	12-31-2037	3.6705	3.6705
69	1-1-2038	3-31-2038	3.5907	3.5907
70	4-1-2038	6-30-2038	3.5849	3.5849
71	7-1-2038	9-30-2038	3.6243	3.6243
72	10-1-2038	12-31-2038	3.6705	3.6705
73	1-1-2039	3-31-2039	3.5907	3.5907
74	4-1-2039	6-30-2039	3.5849	3.5849
75	7-1-2039	9-30-2039	3.6243	3.6243
		Highest	13.3529	13.3529

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2021	5/20/2021	5	100	a
2	Demolition Haul	Demolition	1/1/2021	5/20/2021	5	100	b
3	Site Preparation	Site Preparation	1/1/2021	3/25/2021	5	60	c
4	Grading	Grading	1/1/2021	8/5/2021	5	155	d
5	Building Construction	Building Construction	1/1/2021	12/30/2039	5	4956	e
6	Paving	Paving	1/1/2021	10/1/2025	5	1239	f
7	Architectural Coating	Architectural Coating	1/1/2021	10/1/2025	5	1239	g

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 387.5

Acres of Paving: 74.41

Residential Indoor: 6,075,000; Residential Outdoor: 2,025,000; Non-Residential Indoor: 620,625; Non-Residential Outdoor: 206,875;

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Excavators	3	8.00	158	0.38
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Building Construction	Welders	1	8.00	46	0.45
Demolition Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition Haul	Excavators	0	8.00	158	0.38
Demolition Haul	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Crushing/Proc. Equipment	1	8.00	85	0.78

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	5,093.00	1,472.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	1,019.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition Haul	0	0.00	0.00	9,117.00	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 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1839	1.7468	1.2952	2.2900e-003		0.0880	0.0880		0.0825	0.0825	0.0000	200.1465	200.1465	0.0499	0.0000	201.3945
Total	0.1839	1.7468	1.2952	2.2900e-003		0.0880	0.0880		0.0825	0.0825	0.0000	200.1465	200.1465	0.0499	0.0000	201.3945

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-004	0.0191	5.3400e-003	5.0000e-005	1.2600e-003	4.0000e-005	1.3000e-003	3.6000e-004	4.0000e-005	4.0000e-004	0.0000	4.8266	4.8266	3.9000e-004	0.0000	4.8363
Worker	3.3000e-003	2.2200e-003	0.0259	9.0000e-005	9.8800e-003	7.0000e-005	9.9500e-003	2.6200e-003	6.0000e-005	2.6800e-003	0.0000	8.2547	8.2547	1.8000e-004	0.0000	8.2591
Total	3.8500e-003	0.0213	0.0312	1.4000e-004	0.0111	1.1000e-004	0.0113	2.9800e-003	1.0000e-004	3.0800e-003	0.0000	13.0813	13.0813	5.7000e-004	0.0000	13.0955

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	0.1839	1.7468	1.2952	2.2900e-003		0.0880	0.0880		0.0825	0.0825	0.0000	200.1463	200.1463	0.0499	0.0000	201.3942
Total	0.1839	1.7468	1.2952	2.2900e-003		0.0880	0.0880		0.0825	0.0825	0.0000	200.1463	200.1463	0.0499	0.0000	201.3942

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.5000e-004	0.0191	5.3400e-003	5.0000e-005	1.1800e-003	4.0000e-005	1.2200e-003	3.4000e-004	4.0000e-005	3.8000e-004	0.0000	4.8266	4.8266	3.9000e-004	0.0000	4.8363
Worker	3.3000e-003	2.2200e-003	0.0259	9.0000e-005	9.1100e-003	7.0000e-005	9.1700e-003	2.4300e-003	6.0000e-005	2.4900e-003	0.0000	8.2547	8.2547	1.8000e-004	0.0000	8.2591
Total	3.8500e-003	0.0213	0.0312	1.4000e-004	0.0103	1.1000e-004	0.0104	2.7700e-003	1.0000e-004	2.8700e-003	0.0000	13.0813	13.0813	5.7000e-004	0.0000	13.0955

3.3 Demolition Haul - 2021
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.9754	0.0000	0.9754	0.1477	0.0000	0.1477	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	0.9754	0.0000	0.9754	0.1477	0.0000	0.1477	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0332	1.1950	0.3253	3.4200e-003	0.0781	3.6700e-003	0.0818	0.0214	3.5100e-003	0.0249	0.0000	346.2388	346.2388	0.0365	0.0000	347.1507
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0332	1.1950	0.3253	3.4200e-003	0.0781	3.6700e-003	0.0818	0.0214	3.5100e-003	0.0249	0.0000	346.2388	346.2388	0.0365	0.0000	347.1507

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					0.4170	0.0000	0.4170	0.0631	0.0000	0.0631	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	0.4170	0.0000	0.4170	0.0631	0.0000	0.0631	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0332	1.1950	0.3253	3.4200e-003	0.0728	3.6700e-003	0.0765	0.0201	3.5100e-003	0.0236	0.0000	346.2388	346.2388	0.0365	0.0000	347.1507
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0332	1.1950	0.3253	3.4200e-003	0.0728	3.6700e-003	0.0765	0.0201	3.5100e-003	0.0236	0.0000	346.2388	346.2388	0.0365	0.0000	347.1507

3.4 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr									MT/yr						
Fugitive Dust					0.5420	0.0000	0.5420	0.2979	0.0000	0.2979	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1167	1.2149	0.6346	1.1400e-003		0.0613	0.0613		0.0564	0.0564	0.0000	100.3072	100.3072	0.0324	0.0000	101.1182
Total	0.1167	1.2149	0.6346	1.1400e-003	0.5420	0.0613	0.6033	0.2979	0.0564	0.3544	0.0000	100.3072	100.3072	0.0324	0.0000	101.1182

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	3.3000e-004	0.0114	3.2000e-003	3.0000e-005	7.6000e-004	2.0000e-005	7.8000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	2.8959	2.8959	2.3000e-004	0.0000	2.9018
Worker	1.9800e-003	1.3300e-003	0.0155	5.0000e-005	5.9300e-003	4.0000e-005	5.9700e-003	1.5700e-003	4.0000e-005	1.6100e-003	0.0000	4.9528	4.9528	1.1000e-004	0.0000	4.9555
Total	2.3100e-003	0.0128	0.0187	8.0000e-005	6.6900e-003	6.0000e-005	6.7500e-003	1.7900e-003	6.0000e-005	1.8500e-003	0.0000	7.8488	7.8488	3.4000e-004	0.0000	7.8573

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					0.2317	0.0000	0.2317	0.1274	0.0000	0.1274	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1167	1.2149	0.6346	1.1400e-003		0.0613	0.0613		0.0564	0.0564	0.0000	100.3070	100.3070	0.0324	0.0000	101.1181
Total	0.1167	1.2149	0.6346	1.1400e-003	0.2317	0.0613	0.2930	0.1274	0.0564	0.1838	0.0000	100.3070	100.3070	0.0324	0.0000	101.1181

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	3.3000e-004	0.0114	3.2000e-003	3.0000e-005	7.1000e-004	2.0000e-005	7.3000e-004	2.1000e-004	2.0000e-005	2.3000e-004	0.0000	2.8959	2.8959	2.3000e-004	0.0000	2.9018
Worker	1.9800e-003	1.3300e-003	0.0155	5.0000e-005	5.4700e-003	4.0000e-005	5.5000e-003	1.4600e-003	4.0000e-005	1.5000e-003	0.0000	4.9528	4.9528	1.1000e-004	0.0000	4.9555
Total	2.3100e-003	0.0128	0.0187	8.0000e-005	6.1800e-003	6.0000e-005	6.2300e-003	1.6700e-003	6.0000e-005	1.7300e-003	0.0000	7.8488	7.8488	3.4000e-004	0.0000	7.8573

3.5 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.6722	0.0000	0.6722	0.2787	0.0000	0.2787	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3248	3.5960	2.3931	4.8100e-003		0.1539	0.1539		0.1416	0.1416	0.0000	422.3361	422.3361	0.1366	0.0000	425.7509
Total	0.3248	3.5960	2.3931	4.8100e-003	0.6722	0.1539	0.8260	0.2787	0.1416	0.4203	0.0000	422.3361	422.3361	0.1366	0.0000	425.7509

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
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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	8.5000e-004	0.0295	8.2800e-003	8.0000e-005	1.9500e-003	6.0000e-005	2.0100e-003	5.6000e-004	6.0000e-005	6.2000e-004	0.0000	7.4812	7.4812	6.1000e-004	0.0000	7.4963
Worker	5.6800e-003	3.8200e-003	0.0445	1.6000e-004	0.0170	1.1000e-004	0.0171	4.5200e-003	1.0000e-004	4.6200e-003	0.0000	14.2164	14.2164	3.0000e-004	0.0000	14.2241
Total	6.5300e-003	0.0334	0.0528	2.4000e-004	0.0190	1.7000e-004	0.0191	5.0800e-003	1.6000e-004	5.2400e-003	0.0000	21.6976	21.6976	9.1000e-004	0.0000	21.7204

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					0.2874	0.0000	0.2874	0.1192	0.0000	0.1192	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3248	3.5960	2.3931	4.8100e-003		0.1539	0.1539		0.1416	0.1416	0.0000	422.3356	422.3356	0.1366	0.0000	425.7504
Total	0.3248	3.5960	2.3931	4.8100e-003	0.2874	0.1539	0.4412	0.1192	0.1416	0.2607	0.0000	422.3356	422.3356	0.1366	0.0000	425.7504

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	8.5000e-004	0.0295	8.2800e-003	8.0000e-005	1.8300e-003	6.0000e-005	1.8900e-003	5.3000e-004	6.0000e-005	5.9000e-004	0.0000	7.4812	7.4812	6.1000e-004	0.0000	7.4963
Worker	5.6800e-003	3.8200e-003	0.0445	1.6000e-004	0.0157	1.1000e-004	0.0158	4.1900e-003	1.0000e-004	4.3000e-003	0.0000	14.2164	14.2164	3.0000e-004	0.0000	14.2241

Total	6.5300e-003	0.0334	0.0528	2.4000e-004	0.0175	1.7000e-004	0.0177	4.7200e-003	1.6000e-004	4.8900e-003	0.0000	21.6976	21.6976	9.1000e-004	0.0000	21.7204
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3.6 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099
Total	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2867	302.2867	0.0729	0.0000	304.1099

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5238	18.3014	5.1301	0.0469	1.2093	0.0380	1.2473	0.3488	0.0364	0.3851	0.0000	4,635.8234	4,635.8234	0.3752	0.0000	4,645.2044
Worker	2.4352	1.6370	19.0935	0.0674	7.2964	0.0481	7.3445	1.9377	0.0443	1.9819	0.0000	6,095.9761	6,095.9761	0.1306	0.0000	6,099.2400
Total	2.9590	19.9384	24.2237	0.1143	8.5057	0.0861	8.5918	2.2864	0.0806	2.3671	0.0000	10,731.7995	10,731.7995	0.5058	0.0000	10,744.4444

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	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095
Total	0.2481	2.2749	2.1631	3.5100e-003		0.1251	0.1251		0.1176	0.1176	0.0000	302.2863	302.2863	0.0729	0.0000	304.1095

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.5238	18.3014	5.1301	0.0469	1.1321	0.0380	1.1701	0.3298	0.0364	0.3662	0.0000	4,635.8234	4,635.8234	0.3752	0.0000	4,645.2044
Worker	2.4352	1.6370	19.0935	0.0674	6.7270	0.0481	6.7751	1.7979	0.0443	1.8422	0.0000	6,095.9761	6,095.9761	0.1306	0.0000	6,099.2400
Total	2.9590	19.9384	24.2237	0.1143	7.8591	0.0861	7.9452	2.1277	0.0806	2.2084	0.0000	10,731.7995	10,731.7995	0.5058	0.0000	10,744.4444

3.6 Building Construction - 2022

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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2428	301.2428	0.0722	0.0000	303.0471

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4906	17.2300	4.9305	0.0462	1.2047	0.0330	1.2376	0.3474	0.0315	0.3789	0.0000	4,572.5263	4,572.5263	0.3618	0.0000	4,581.5707
Worker	2.2952	1.4775	17.7312	0.0646	7.2684	0.0470	7.3154	1.9302	0.0432	1.9735	0.0000	5,847.7995	5,847.7995	0.1180	0.0000	5,850.7505
Total	2.7858	18.7074	22.6617	0.1108	8.4731	0.0799	8.5530	2.2777	0.0748	2.3524	0.0000	10,420.3258	10,420.3258	0.4798	0.0000	10,432.3212

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	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467
Total	0.2218	2.0300	2.1272	3.5000e-003		0.1052	0.1052		0.0990	0.0990	0.0000	301.2425	301.2425	0.0722	0.0000	303.0467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.4906	17.2300	4.9305	0.0462	1.1277	0.0330	1.1607	0.3285	0.0315	0.3601	0.0000	4,572.5263	4,572.5263	0.3618	0.0000	4,581.5707
Worker	2.2952	1.4775	17.7312	0.0646	6.7013	0.0470	6.7482	1.7910	0.0432	1.8343	0.0000	5,847.7995	5,847.7995	0.1180	0.0000	5,850.7505
Total	2.7858	18.7074	22.6617	0.1108	7.8290	0.0799	7.9089	2.1196	0.0748	2.1943	0.0000	10,420.3258	10,420.3258	0.4798	0.0000	10,432.3212

3.6 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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383
Total	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3462	301.3462	0.0717	0.0000	303.1383

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3736	12.9380	4.5722	0.0447	1.2046	0.0158	1.2205	0.3474	0.0151	0.3625	0.0000	4,434.3845	4,434.3845	0.3355	0.0000	4,442.7730

Worker	2.1763	1.3413	16.5157	0.0621	7.2684	0.0462	7.3146	1.9302	0.0425	1.9727	0.0000	5,623.1907	5,623.1907	0.1070	0.0000	5,625.8652
Total	2.5498	14.2793	21.0878	0.1068	8.4730	0.0620	8.5350	2.2776	0.0576	2.3353	0.0000	10,057.5751	10,057.5751	0.4425	0.0000	10,068.6382

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	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380
Total	0.2045	1.8700	2.1117	3.5000e-003		0.0910	0.0910		0.0856	0.0856	0.0000	301.3458	301.3458	0.0717	0.0000	303.1380

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3736	12.9380	4.5722	0.0447	1.1277	0.0158	1.1435	0.3285	0.0151	0.3437	0.0000	4,434.3845	4,434.3845	0.3355	0.0000	4,442.7730
Worker	2.1763	1.3413	16.5157	0.0621	6.7013	0.0462	6.7474	1.7910	0.0425	1.8335	0.0000	5,623.1907	5,623.1907	0.1070	0.0000	5,625.8652
Total	2.5498	14.2793	21.0878	0.1068	7.8289	0.0620	7.8909	2.1195	0.0576	2.1772	0.0000	10,057.5751	10,057.5751	0.4425	0.0000	10,068.6382

3.6 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	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179
Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7223	303.7223	0.0718	0.0000	305.5179

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3636	12.8728	4.5095	0.0446	1.2139	0.0156	1.2295	0.3501	0.0149	0.3650	0.0000	4,433.2266	4,433.2266	0.3328	0.0000	4,441.5459
Worker	2.0871	1.2308	15.4797	0.0601	7.3243	0.0457	7.3700	1.9451	0.0421	1.9872	0.0000	5,441.9444	5,441.9444	0.0978	0.0000	5,444.3897
Total	2.4507	14.1036	19.9892	0.1047	8.5382	0.0613	8.5995	2.2952	0.0570	2.3521	0.0000	9,875.1710	9,875.1710	0.4306	0.0000	9,885.9357

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	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175

Total	0.1928	1.7611	2.1179	3.5300e-003		0.0803	0.0803		0.0756	0.0756	0.0000	303.7220	303.7220	0.0718	0.0000	305.5175
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3636	12.8728	4.5095	0.0446	1.1364	0.0156	1.1519	0.3311	0.0149	0.3459	0.0000	4,433.2266	4,433.2266	0.3328	0.0000	4,441.5459
Worker	2.0871	1.2308	15.4797	0.0601	6.7528	0.0457	6.7985	1.8048	0.0421	1.8469	0.0000	5,441.9444	5,441.9444	0.0978	0.0000	5,444.3897
Total	2.4507	14.1036	19.9892	0.1047	7.8892	0.0613	7.9504	2.1358	0.0570	2.1928	0.0000	9,875.1710	9,875.1710	0.4306	0.0000	9,885.9357

3.6 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

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	0.0000
Vendor	0.3529	12.6553	4.4375	0.0441	1.2092	0.0152	1.2244	0.3487	0.0145	0.3632	0.0000	4,389.2471	4,389.2471	0.3269	0.0000		4,397.4198
Worker	1.9889	1.1247	14.3878	0.0575	7.2964	0.0450	7.3413	1.9377	0.0414	1.9791	0.0000	5,202.1556	5,202.1556	0.0891	0.0000		5,204.3826
Total	2.3418	13.7800	18.8252	0.1016	8.5056	0.0602	8.5657	2.2864	0.0559	2.3423	0.0000	9,591.4028	9,591.4028	0.4160	0.0000		9,601.8025

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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000		304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000		304.4331

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	0.0000

Vendor	0.3529	12.6553	4.4375	0.0441	1.1320	0.0152	1.1472	0.3298	0.0145	0.3443	0.0000	4,389.2471	4,389.2471	0.3269	0.0000	4,397.4198
Worker	1.9889	1.1247	14.3878	0.0575	6.7270	0.0450	6.7720	1.7979	0.0414	1.8393	0.0000	5,202.1556	5,202.1556	0.0891	0.0000	5,204.3826
Total	2.3418	13.7800	18.8252	0.1016	7.8590	0.0602	7.9192	2.1277	0.0559	2.1836	0.0000	9,591.4028	9,591.4028	0.4160	0.0000	9,601.8025

3.6 Building Construction - 2026

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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3445	12.4870	4.4005	0.0438	1.2092	0.0148	1.2240	0.3487	0.0142	0.3629	0.0000	4,363.2704	4,363.2704	0.3224	0.0000	4,371.3311
Worker	1.9107	1.0384	13.5038	0.0554	7.2964	0.0437	7.3400	1.9377	0.0402	1.9778	0.0000	5,014.0837	5,014.0837	0.0819	0.0000	5,016.1301
Total	2.2553	13.5254	17.9043	0.0992	8.5056	0.0585	8.5640	2.2864	0.0543	2.3407	0.0000	9,377.3541	9,377.3541	0.4043	0.0000	9,387.4612

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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3445	12.4870	4.4005	0.0438	1.1320	0.0148	1.1468	0.3298	0.0142	0.3439	0.0000	4,363.2704	4,363.2704	0.3224	0.0000	4,371.3311
Worker	1.9107	1.0384	13.5038	0.0554	6.7270	0.0437	6.7707	1.7979	0.0402	1.8381	0.0000	5,014.0837	5,014.0837	0.0819	0.0000	5,016.1301
Total	2.2553	13.5254	17.9043	0.0992	7.8590	0.0585	7.9175	2.1277	0.0543	2.1820	0.0000	9,377.3541	9,377.3541	0.4043	0.0000	9,387.4612

3.6 Building Construction - 2027

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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3375	12.3256	4.3711	0.0435	1.2092	0.0145	1.2237	0.3487	0.0138	0.3626	0.0000	4,339.3140	4,339.3140	0.3182	0.0000	4,347.2697
Worker	1.8333	0.9620	12.7288	0.0536	7.2964	0.0413	7.3377	1.9377	0.0380	1.9757	0.0000	4,850.3831	4,850.3831	0.0755	0.0000	4,852.2698
Total	2.1707	13.2876	17.0999	0.0971	8.5056	0.0558	8.5614	2.2864	0.0518	2.3382	0.0000	9,189.6971	9,189.6971	0.3937	0.0000	9,199.5395

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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3375	12.3256	4.3711	0.0435	1.1320	0.0145	1.1465	0.3298	0.0138	0.3436	0.0000	4,339.3140	4,339.3140	0.3182	0.0000	4,347.2697
Worker	1.8333	0.9620	12.7288	0.0536	6.7270	0.0413	6.7683	1.7979	0.0380	1.8359	0.0000	4,850.3831	4,850.3831	0.0755	0.0000	4,852.2698
Total	2.1707	13.2876	17.0999	0.0971	7.8590	0.0558	7.9148	2.1277	0.0518	2.1795	0.0000	9,189.6971	9,189.6971	0.3937	0.0000	9,199.5395

3.6 Building Construction - 2028

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	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4953	301.4953	0.0709	0.0000	303.2671

Unmitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3302	12.1434	4.3377	0.0431	1.2046	0.0141	1.2187	0.3474	0.0135	0.3609	0.0000	4,301.9841	4,301.9841	0.3132	0.0000	4,309.8135
Worker	1.7449	0.8905	11.9986	0.0518	7.2684	0.0380	7.3064	1.9302	0.0350	1.9652	0.0000	4,690.0723	4,690.0723	0.0696	0.0000	4,691.8125
Total	2.0751	13.0339	16.3363	0.0949	8.4730	0.0521	8.5251	2.2776	0.0485	2.3261	0.0000	8,992.0564	8,992.0564	0.3828	0.0000	9,001.6261

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	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667
Total	0.1778	1.6211	2.0910	3.5000e-003		0.0686	0.0686		0.0645	0.0645	0.0000	301.4949	301.4949	0.0709	0.0000	303.2667

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3302	12.1434	4.3377	0.0431	1.1277	0.0141	1.1418	0.3285	0.0135	0.3420	0.0000	4,301.9841	4,301.9841	0.3132	0.0000	4,309.8135
Worker	1.7449	0.8905	11.9986	0.0518	6.7013	0.0380	6.7393	1.7910	0.0350	1.8260	0.0000	4,690.0723	4,690.0723	0.0696	0.0000	4,691.8125
Total	2.0751	13.0339	16.3363	0.0949	7.8289	0.0521	7.8810	2.1195	0.0485	2.1680	0.0000	8,992.0564	8,992.0564	0.3828	0.0000	9,001.6261

3.6 Building Construction - 2029

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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3261	12.0633	4.3375	0.0431	1.2092	0.0139	1.2232	0.3487	0.0133	0.3620	0.0000	4,299.7406	4,299.7406	0.3111	0.0000	4,307.5188
Worker	1.6609	0.8310	11.3963	0.0506	7.2964	0.0354	7.3317	1.9377	0.0325	1.9702	0.0000	4,583.8774	4,583.8774	0.0646	0.0000	4,585.4931
Total	1.9870	12.8943	15.7339	0.0937	8.5056	0.0493	8.5549	2.2864	0.0458	2.3322	0.0000	8,883.6180	8,883.6180	0.3758	0.0000	8,893.0119

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
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Category	tons/yr										MT/yr					
Off-Road	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3261	12.0633	4.3375	0.0431	1.1320	0.0139	1.1459	0.3298	0.0133	0.3431	0.0000	4,299.7406	4,299.7406	0.3111	0.0000	4,307.5188
Worker	1.6609	0.8310	11.3963	0.0506	6.7270	0.0354	6.7624	1.7979	0.0325	1.8304	0.0000	4,583.8774	4,583.8774	0.0646	0.0000	4,585.4931
Total	1.9870	12.8943	15.7339	0.0937	7.8590	0.0493	7.9083	2.1277	0.0458	2.1735	0.0000	8,883.6180	8,883.6180	0.3758	0.0000	8,893.0119

3.6 Building Construction - 2030

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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3211	11.9442	4.3223	0.0429	1.2093	0.0136	1.2229	0.3488	0.0130	0.3618	0.0000	4,282.7929	4,282.7929	0.3081	0.0000	4,290.4948
Worker	1.5663	0.7728	10.7967	0.0494	7.2964	0.0329	7.3292	1.9377	0.0302	1.9679	0.0000	4,475.2673	4,475.2673	0.0598	0.0000	4,476.7632
Total	1.8874	12.7170	15.1190	0.0923	8.5056	0.0465	8.5521	2.2864	0.0433	2.3297	0.0000	8,758.0602	8,758.0602	0.3679	0.0000	8,767.2581

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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	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	0.0000
Vendor	0.3211	11.9442	4.3223	0.0429	1.1320	0.0136	1.1457	0.3298	0.0130	0.3428	0.0000	4,282.7929	4,282.7929	0.3081	0.0000	4,290.4948	
Worker	1.5663	0.7728	10.7967	0.0494	6.7270	0.0329	6.7599	1.7979	0.0302	1.8281	0.0000	4,475.2673	4,475.2673	0.0598	0.0000	4,476.7632	
Total	1.8874	12.7170	15.1190	0.0923	7.8590	0.0465	7.9056	2.1277	0.0433	2.1710	0.0000	8,758.0602	8,758.0602	0.3679	0.0000	8,767.2581	

3.6 Building Construction - 2031

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	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0336	343.0336	0.0138	0.0000	343.3777

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3170	11.8099	4.3167	0.0427	1.2093	0.0134	1.2227	0.3488	0.0128	0.3616	0.0000	4,269.6359	4,269.6359	0.3058	0.0000	4,277.2813
Worker	1.4600	0.7162	10.2253	0.0482	7.2964	0.0305	7.3269	1.9377	0.0281	1.9657	0.0000	4,370.0262	4,370.0262	0.0551	0.0000	4,371.4038

Total	1.7771	12.5261	14.5420	0.0910	8.5056	0.0440	8.5496	2.2864	0.0409	2.3273	0.0000	8,639.6621	8,639.6621	0.3609	0.0000	8,648.6851
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773
Total	0.1708	1.0355	2.1085	4.0400e-003		0.0193	0.0193		0.0193	0.0193	0.0000	343.0332	343.0332	0.0138	0.0000	343.3773

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3170	11.8099	4.3167	0.0427	1.1320	0.0134	1.1454	0.3298	0.0128	0.3426	0.0000	4,269.6359	4,269.6359	0.3058	0.0000	4,277.2813
Worker	1.4600	0.7162	10.2253	0.0482	6.7270	0.0305	6.7576	1.7979	0.0281	1.8260	0.0000	4,370.0262	4,370.0262	0.0551	0.0000	4,371.4038
Total	1.7771	12.5261	14.5420	0.0910	7.8590	0.0440	7.9030	2.1277	0.0409	2.1686	0.0000	8,639.6621	8,639.6621	0.3609	0.0000	8,648.6851

3.6 Building Construction - 2032

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	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3479	344.3479	0.0138	0.0000	344.6933

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3150	11.7533	4.3319	0.0428	1.2139	0.0133	1.2271	0.3501	0.0127	0.3628	0.0000	4,274.4688	4,274.4688	0.3050	0.0000	4,282.0927
Worker	1.3713	0.6707	9.7486	0.0475	7.3243	0.0286	7.3529	1.9451	0.0263	1.9714	0.0000	4,304.4074	4,304.4074	0.0514	0.0000	4,305.6914
Total	1.6863	12.4239	14.0805	0.0903	8.5382	0.0419	8.5801	2.2952	0.0390	2.3342	0.0000	8,578.8762	8,578.8762	0.3563	0.0000	8,587.7841

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	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929
Total	0.1715	1.0394	2.1166	4.0600e-003		0.0194	0.0194		0.0194	0.0194	0.0000	344.3475	344.3475	0.0138	0.0000	344.6929

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3150	11.7533	4.3319	0.0428	1.1364	0.0133	1.1496	0.3311	0.0127	0.3437	0.0000	4,274.4688	4,274.4688	0.3050	0.0000	4,282.0927
Worker	1.3713	0.6707	9.7486	0.0475	6.7528	0.0286	6.7814	1.8048	0.0263	1.8311	0.0000	4,304.4074	4,304.4074	0.0514	0.0000	4,305.6914
Total	1.6863	12.4239	14.0805	0.0903	7.8892	0.0419	7.9310	2.1358	0.0390	2.1749	0.0000	8,578.8762	8,578.8762	0.3563	0.0000	8,587.7841

3.6 Building Construction - 2033

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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3100	11.5693	4.3005	0.0423	1.2046	0.0130	1.2176	0.3474	0.0124	0.3598	0.0000	4,232.0477	4,232.0477	0.3008	0.0000	4,239.5684
Worker	1.2808	0.6249	9.2304	0.0464	7.2684	0.0266	7.2950	1.9302	0.0245	1.9547	0.0000	4,201.1345	4,201.1345	0.0476	0.0000	4,202.3246
Total	1.5908	12.1942	13.5309	0.0887	8.4730	0.0396	8.5126	2.2776	0.0369	2.3145	0.0000	8,433.1822	8,433.1822	0.3484	0.0000	8,441.8930

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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3100	11.5693	4.3005	0.0423	1.1277	0.0130	1.1406	0.3285	0.0124	0.3409	0.0000	4,232.0477	4,232.0477	0.3008	0.0000	4,239.5684

Worker	1.2808	0.6249	9.2304	0.0464	6.7013	0.0266	6.7279	1.7910	0.0245	1.8155	0.0000	4,201.1345	4,201.1345	0.0476	0.0000	4,202.3246
Total	1.5908	12.1942	13.5309	0.0887	7.8289	0.0396	7.8685	2.1195	0.0369	2.1564	0.0000	8,433.1822	8,433.1822	0.3484	0.0000	8,441.8930

3.6 Building Construction - 2034

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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7193	341.7193	0.0137	0.0000	342.0621

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3076	11.4824	4.2974	0.0422	1.2046	0.0128	1.2174	0.3474	0.0122	0.3596	0.0000	4,223.9769	4,223.9769	0.2993	0.0000	4,231.4586
Worker	1.2124	0.5904	8.8096	0.0457	7.2684	0.0249	7.2933	1.9302	0.0229	1.9532	0.0000	4,140.4439	4,140.4439	0.0445	0.0000	4,141.5554
Total	1.5200	12.0728	13.1070	0.0879	8.4730	0.0377	8.5107	2.2776	0.0351	2.3128	0.0000	8,364.4208	8,364.4208	0.3437	0.0000	8,373.0139

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	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617
Total	0.1702	1.0315	2.1004	4.0200e-003		0.0193	0.0193		0.0193	0.0193	0.0000	341.7189	341.7189	0.0137	0.0000	342.0617

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3076	11.4824	4.2974	0.0422	1.1277	0.0128	1.1404	0.3285	0.0122	0.3407	0.0000	4,223.9769	4,223.9769	0.2993	0.0000	4,231.4586
Worker	1.2124	0.5904	8.8096	0.0457	6.7013	0.0249	6.7262	1.7910	0.0229	1.8140	0.0000	4,140.4439	4,140.4439	0.0445	0.0000	4,141.5554
Total	1.5200	12.0728	13.1070	0.0879	7.8289	0.0377	7.8666	2.1196	0.0351	2.1547	0.0000	8,364.4208	8,364.4208	0.3437	0.0000	8,373.0139

3.6 Building Construction - 2035

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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3067	11.4536	4.3079	0.0423	1.2093	0.0126	1.2219	0.3488	0.0121	0.3608	0.0000	4,233.7950	4,233.7950	0.2990	0.0000	4,241.2688
Worker	1.1594	0.5663	8.4876	0.0453	7.2964	0.0236	7.3199	1.9377	0.0217	1.9593	0.0000	4,104.7563	4,104.7563	0.0420	0.0000	4,105.8066
Total	1.4661	12.0199	12.7955	0.0876	8.5056	0.0362	8.5418	2.2864	0.0337	2.3201	0.0000	8,338.5513	8,338.5513	0.3410	0.0000	8,347.0754

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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3067	11.4536	4.3079	0.0423	1.1320	0.0126	1.1447	0.3298	0.0121	0.3419	0.0000	4,233.7950	4,233.7950	0.2990	0.0000	4,241.2688
Worker	1.1594	0.5663	8.4876	0.0453	6.7270	0.0236	6.7506	1.7979	0.0217	1.8196	0.0000	4,104.7563	4,104.7563	0.0420	0.0000	4,105.8066
Total	1.4661	12.0199	12.7955	0.0876	7.8591	0.0362	7.8952	2.1277	0.0337	2.1614	0.0000	8,338.5513	8,338.5513	0.3410	0.0000	8,347.0754

3.6 Building Construction - 2036

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	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3479	344.3479	0.0128	0.0000	344.6686

Unmitigated Construction Off-Site

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

Vendor	0.3079	11.4974	4.3244	0.0425	1.2139	0.0127	1.2266	0.3501	0.0121	0.3622	0.0000	4,250.0165	4,250.0165	0.3001	0.0000	4,257.5189
Worker	1.1638	0.5685	8.5201	0.0455	7.3243	0.0236	7.3480	1.9451	0.0217	1.9668	0.0000	4,120.4833	4,120.4833	0.0422	0.0000	4,121.5377
Total	1.4717	12.0659	12.8445	0.0879	8.5382	0.0363	8.5745	2.2952	0.0339	2.3290	0.0000	8,370.4998	8,370.4998	0.3423	0.0000	8,379.0565

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	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682
Total	0.1594	0.9381	2.1114	4.0600e-003		0.0118	0.0118		0.0118	0.0118	0.0000	344.3475	344.3475	0.0128	0.0000	344.6682

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3079	11.4974	4.3244	0.0425	1.1364	0.0127	1.1490	0.3311	0.0121	0.3432	0.0000	4,250.0165	4,250.0165	0.3001	0.0000	4,257.5189
Worker	1.1638	0.5685	8.5201	0.0455	6.7528	0.0236	6.7764	1.8048	0.0217	1.8265	0.0000	4,120.4833	4,120.4833	0.0422	0.0000	4,121.5377
Total	1.4717	12.0659	12.8445	0.0879	7.8892	0.0363	7.9255	2.1358	0.0339	2.1697	0.0000	8,370.4998	8,370.4998	0.3423	0.0000	8,379.0565

3.6 Building Construction - 2037

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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3067	11.4536	4.3079	0.0423	1.2093	0.0126	1.2219	0.3488	0.0121	0.3608	0.0000	4,233.7950	4,233.7950	0.2990	0.0000	4,241.2688
Worker	1.1594	0.5663	8.4876	0.0453	7.2964	0.0236	7.3199	1.9377	0.0217	1.9593	0.0000	4,104.7563	4,104.7563	0.0420	0.0000	4,105.8066
Total	1.4661	12.0199	12.7955	0.0876	8.5056	0.0362	8.5418	2.2864	0.0337	2.3201	0.0000	8,338.5513	8,338.5513	0.3410	0.0000	8,347.0754

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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3067	11.4536	4.3079	0.0423	1.1320	0.0126	1.1447	0.3298	0.0121	0.3419	0.0000	4,233.7950	4,233.7950	0.2990	0.0000	4,241.2688
Worker	1.1594	0.5663	8.4876	0.0453	6.7270	0.0236	6.7506	1.7979	0.0217	1.8196	0.0000	4,104.7563	4,104.7563	0.0420	0.0000	4,105.8066
Total	1.4661	12.0199	12.7955	0.0876	7.8591	0.0362	7.8952	2.1277	0.0337	2.1614	0.0000	8,338.5513	8,338.5513	0.3410	0.0000	8,347.0754

3.6 Building Construction - 2038

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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0336	343.0336	0.0128	0.0000	343.3530

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3067	11.4536	4.3079	0.0423	1.2093	0.0126	1.2219	0.3488	0.0121	0.3608	0.0000	4,233.7950	4,233.7950	0.2990	0.0000	4,241.2688
Worker	1.1594	0.5663	8.4876	0.0453	7.2964	0.0236	7.3199	1.9377	0.0217	1.9593	0.0000	4,104.7563	4,104.7563	0.0420	0.0000	4,105.8066
Total	1.4661	12.0199	12.7955	0.0876	8.5056	0.0362	8.5418	2.2864	0.0337	2.3201	0.0000	8,338.5513	8,338.5513	0.3410	0.0000	8,347.0754

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	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526
Total	0.1588	0.9346	2.1034	4.0400e-003		0.0118	0.0118		0.0118	0.0118	0.0000	343.0332	343.0332	0.0128	0.0000	343.3526

Mitigated Construction Off-Site

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3067	11.4536	4.3079	0.0423	1.1320	0.0126	1.1447	0.3298	0.0121	0.3419	0.0000	4,233.7950	4,233.7950	0.2990	0.0000	4,241.2688
Worker	1.1594	0.5663	8.4876	0.0453	6.7270	0.0236	6.7506	1.7979	0.0217	1.8196	0.0000	4,104.7563	4,104.7563	0.0420	0.0000	4,105.8066
Total	1.4661	12.0199	12.7955	0.0876	7.8591	0.0362	7.8952	2.1277	0.0337	2.1614	0.0000	8,338.5513	8,338.5513	0.3410	0.0000	8,347.0754

3.6 Building Construction - 2039

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	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7193	341.7193	0.0127	0.0000	342.0375

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3055	11.4097	4.2914	0.0422	1.2046	0.0126	1.2172	0.3474	0.0120	0.3594	0.0000	4,217.5736	4,217.5736	0.2978	0.0000	4,225.0188
Worker	1.1549	0.5642	8.4551	0.0451	7.2684	0.0235	7.2919	1.9302	0.0216	1.9518	0.0000	4,089.0293	4,089.0293	0.0419	0.0000	4,090.0755
Total	1.4605	11.9738	12.7465	0.0873	8.4730	0.0360	8.5091	2.2776	0.0336	2.3112	0.0000	8,306.6029	8,306.6029	0.3397	0.0000	8,315.0943

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	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371
Total	0.1582	0.9310	2.0953	4.0200e-003		0.0118	0.0118		0.0118	0.0118	0.0000	341.7189	341.7189	0.0127	0.0000	342.0371

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.3055	11.4097	4.2914	0.0422	1.1277	0.0126	1.1403	0.3285	0.0120	0.3406	0.0000	4,217.5736	4,217.5736	0.2978	0.0000	4,225.0188
Worker	1.1549	0.5642	8.4551	0.0451	6.7013	0.0235	6.7247	1.7910	0.0216	1.8126	0.0000	4,089.0293	4,089.0293	0.0419	0.0000	4,090.0755
Total	1.4605	11.9738	12.7465	0.0873	7.8289	0.0360	7.8650	2.1196	0.0336	2.1531	0.0000	8,306.6029	8,306.6029	0.3397	0.0000	8,315.0943

3.7 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Off-Road	0.1639	1.6859	1.9123	2.9700e-003		0.0884	0.0884		0.0814	0.0814	0.0000	261.3064	261.3064	0.0845	0.0000
Paving	8.4700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1723	1.6859	1.9123	2.9700e-003		0.0884	0.0884		0.0814	0.0814	0.0000	261.3064	261.3064	0.0845	0.0000	263.4192

Unmitigated Construction Off-Site

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					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1700e-003	4.8200e-003	0.0562	2.0000e-004	0.0215	1.4000e-004	0.0216	5.7100e-003	1.3000e-004	5.8400e-003	0.0000	17.9540	17.9540	3.8000e-004	0.0000	17.9636
Total	7.1700e-003	4.8200e-003	0.0562	2.0000e-004	0.0215	1.4000e-004	0.0216	5.7100e-003	1.3000e-004	5.8400e-003	0.0000	17.9540	17.9540	3.8000e-004	0.0000	17.9636

Mitigated Construction On-Site

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					
Off-Road	0.1639	1.6859	1.9122	2.9700e-003		0.0884	0.0884		0.0814	0.0814	0.0000	261.3061	261.3061	0.0845	0.0000	263.4189
Paving	8.4700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1723	1.6859	1.9122	2.9700e-003		0.0884	0.0884		0.0814	0.0814	0.0000	261.3061	261.3061	0.0845	0.0000	263.4189

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1700e-003	4.8200e-003	0.0562	2.0000e-004	0.0198	1.4000e-004	0.0200	5.3000e-003	1.3000e-004	5.4300e-003	0.0000	17.9540	17.9540	3.8000e-004	0.0000	17.9636
Total	7.1700e-003	4.8200e-003	0.0562	2.0000e-004	0.0198	1.4000e-004	0.0200	5.3000e-003	1.3000e-004	5.4300e-003	0.0000	17.9540	17.9540	3.8000e-004	0.0000	17.9636

3.7 Paving - 2022

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	0.1434	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3583	260.3583	0.0842	0.0000	262.4634
Paving	8.4400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1518	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3583	260.3583	0.0842	0.0000	262.4634

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
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Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.7600e-003	4.3500e-003	0.0522	1.9000e-004	0.0214	1.4000e-004	0.0216	5.6800e-003	1.3000e-004	5.8100e-003	0.0000	17.2231	17.2231	3.5000e-004	0.0000	17.2317
Total	6.7600e-003	4.3500e-003	0.0522	1.9000e-004	0.0214	1.4000e-004	0.0216	5.6800e-003	1.3000e-004	5.8100e-003	0.0000	17.2231	17.2231	3.5000e-004	0.0000	17.2317

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	0.1434	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3579	260.3579	0.0842	0.0000
Paving	8.4400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1518	1.4462	1.8955	2.9600e-003		0.0738	0.0738		0.0679	0.0679	0.0000	260.3579	260.3579	0.0842	0.0000	262.4631

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
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.7600e-003	4.3500e-003	0.0522	1.9000e-004	0.0197	1.4000e-004	0.0199	5.2700e-003	1.3000e-004	5.4000e-003	0.0000	17.2231	17.2231	3.5000e-004	0.0000	17.2317

Total	6.7600e-003	4.3500e-003	0.0522	1.9000e-004	0.0197	1.4000e-004	0.0199	5.2700e-003	1.3000e-004	5.4000e-003	0.0000	17.2231	17.2231	3.5000e-004	0.0000	17.2317
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3.7 Paving - 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	0.1343	1.3249	1.8960	2.9600e-003		0.0663	0.0663		0.0610	0.0610	0.0000	260.3493	260.3493	0.0842	0.0000	262.4543
Paving	8.4400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1427	1.3249	1.8960	2.9600e-003		0.0663	0.0663		0.0610	0.0610	0.0000	260.3493	260.3493	0.0842	0.0000	262.4543

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4100e-003	3.9500e-003	0.0486	1.8000e-004	0.0214	1.4000e-004	0.0215	5.6800e-003	1.3000e-004	5.8100e-003	0.0000	16.5615	16.5615	3.2000e-004	0.0000	16.5694
Total	6.4100e-003	3.9500e-003	0.0486	1.8000e-004	0.0214	1.4000e-004	0.0215	5.6800e-003	1.3000e-004	5.8100e-003	0.0000	16.5615	16.5615	3.2000e-004	0.0000	16.5694

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	0.1343	1.3249	1.8960	2.9600e-003		0.0663	0.0663		0.0610	0.0610	0.0000	260.3490	260.3490	0.0842	0.0000	262.4540
Paving	8.4400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1427	1.3249	1.8960	2.9600e-003		0.0663	0.0663		0.0610	0.0610	0.0000	260.3490	260.3490	0.0842	0.0000	262.4540

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.4100e-003	3.9500e-003	0.0486	1.8000e-004	0.0197	1.4000e-004	0.0199	5.2700e-003	1.3000e-004	5.4000e-003	0.0000	16.5615	16.5615	3.2000e-004	0.0000	16.5694
Total	6.4100e-003	3.9500e-003	0.0486	1.8000e-004	0.0197	1.4000e-004	0.0199	5.2700e-003	1.3000e-004	5.4000e-003	0.0000	16.5615	16.5615	3.2000e-004	0.0000	16.5694

3.7 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	0.1295	1.2477	1.9160	2.9900e-003		0.0614	0.0614		0.0565	0.0565	0.0000	262.3476	262.3476	0.0849	0.0000	264.4688
Paving	8.5000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	0.1380	1.2477	1.9160	2.9900e-003		0.0614	0.0614		0.0565	0.0565	0.0000	262.3476	262.3476	0.0849	0.0000	264.4688
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1500e-003	3.6300e-003	0.0456	1.8000e-004	0.0216	1.3000e-004	0.0217	5.7300e-003	1.2000e-004	5.8500e-003	0.0000	16.0277	16.0277	2.9000e-004	0.0000	16.0349
Total	6.1500e-003	3.6300e-003	0.0456	1.8000e-004	0.0216	1.3000e-004	0.0217	5.7300e-003	1.2000e-004	5.8500e-003	0.0000	16.0277	16.0277	2.9000e-004	0.0000	16.0349

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	0.1295	1.2477	1.9160	2.9900e-003		0.0614	0.0614		0.0565	0.0565	0.0000	262.3473	262.3473	0.0849	0.0000	264.4685
Paving	8.5000e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1380	1.2477	1.9160	2.9900e-003		0.0614	0.0614		0.0565	0.0565	0.0000	262.3473	262.3473	0.0849	0.0000	264.4685

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.1500e-003	3.6300e-003	0.0456	1.8000e-004	0.0199	1.3000e-004	0.0200	5.3200e-003	1.2000e-004	5.4400e-003	0.0000	16.0277	16.0277	2.9000e-004	0.0000	16.0349
Total	6.1500e-003	3.6300e-003	0.0456	1.8000e-004	0.0199	1.3000e-004	0.0200	5.3200e-003	1.2000e-004	5.4400e-003	0.0000	16.0277	16.0277	2.9000e-004	0.0000	16.0349

3.7 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0897	0.8410	1.4286	2.2300e-003		0.0410	0.0410		0.0377	0.0377	0.0000	196.1887	196.1887	0.0635	0.0000	197.7750
Paving	6.3600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0960	0.8410	1.4286	2.2300e-003		0.0410	0.0410		0.0377	0.0377	0.0000	196.1887	196.1887	0.0635	0.0000	197.7750

Unmitigated Construction Off-Site

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

Worker	4.4000e-003	2.4900e-003	0.0318	1.3000e-004	0.0161	1.0000e-004	0.0162	4.2900e-003	9.0000e-005	4.3800e-003	0.0000	11.5058	11.5058	2.0000e-004	0.0000	11.5107
Total	4.4000e-003	2.4900e-003	0.0318	1.3000e-004	0.0161	1.0000e-004	0.0162	4.2900e-003	9.0000e-005	4.3800e-003	0.0000	11.5058	11.5058	2.0000e-004	0.0000	11.5107

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	0.0897	0.8410	1.4286	2.2300e-003		0.0410	0.0410		0.0377	0.0377	0.0000	196.1885	196.1885	0.0635	0.0000	197.7748
Paving	6.3600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0960	0.8410	1.4286	2.2300e-003		0.0410	0.0410		0.0377	0.0377	0.0000	196.1885	196.1885	0.0635	0.0000	197.7748

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-003	2.4900e-003	0.0318	1.3000e-004	0.0149	1.0000e-004	0.0150	3.9800e-003	9.0000e-005	4.0700e-003	0.0000	11.5058	11.5058	2.0000e-004	0.0000	11.5107
Total	4.4000e-003	2.4900e-003	0.0318	1.3000e-004	0.0149	1.0000e-004	0.0150	3.9800e-003	9.0000e-005	4.0700e-003	0.0000	11.5058	11.5058	2.0000e-004	0.0000	11.5107

3.8 Architectural Coating - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3634					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3200	33.3200	2.2900e-003	0.0000	33.3771
Total	2.3919	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3200	33.3200	2.2900e-003	0.0000	33.3771

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4872	0.3275	3.8202	0.0135	1.4598	9.6200e-003	1.4695	0.3877	8.8600e-003	0.3965	0.0000	1,219.6740	1,219.6740	0.0261	0.0000	1,220.3270
Total	0.4872	0.3275	3.8202	0.0135	1.4598	9.6200e-003	1.4695	0.3877	8.8600e-003	0.3965	0.0000	1,219.6740	1,219.6740	0.0261	0.0000	1,220.3270

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	2.3634					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0286	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3199	33.3199	2.2900e-003	0.0000	33.3771
Total	2.3919	0.1993	0.2372	3.9000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	33.3199	33.3199	2.2900e-003	0.0000	33.3771

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4872	0.3275	3.8202	0.0135	1.3459	9.6200e-003	1.3556	0.3597	8.8600e-003	0.3686	0.0000	1,219.6740	1,219.6740	0.0261	0.0000	1,220.3270
Total	0.4872	0.3275	3.8202	0.0135	1.3459	9.6200e-003	1.3556	0.3597	8.8600e-003	0.3686	0.0000	1,219.6740	1,219.6740	0.0261	0.0000	1,220.3270

3.8 Architectural Coating - 2022

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	2.3543					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
Total	2.3809	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4592	0.2956	3.5476	0.0129	1.4543	9.4000e-003	1.4637	0.3862	8.6500e-003	0.3949	0.0000	1,170.0192	1,170.0192	0.0236	0.0000	1,170.6096
Total	0.4592	0.2956	3.5476	0.0129	1.4543	9.4000e-003	1.4637	0.3862	8.6500e-003	0.3949	0.0000	1,170.0192	1,170.0192	0.0236	0.0000	1,170.6096

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	2.3543					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0266	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463
Total	2.3809	0.1831	0.2358	3.9000e-004		0.0106	0.0106		0.0106	0.0106	0.0000	33.1923	33.1923	2.1600e-003	0.0000	33.2463

Mitigated Construction Off-Site

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

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4592	0.2956	3.5476	0.0129	1.3408	9.4000e-003	1.3502	0.3583	8.6500e-003	0.3670	0.0000	1,170.0192	1,170.0192	0.0236	0.0000	1,170.6096
Total	0.4592	0.2956	3.5476	0.0129	1.3408	9.4000e-003	1.3502	0.3583	8.6500e-003	0.3670	0.0000	1,170.0192	1,170.0192	0.0236	0.0000	1,170.6096

3.8 Architectural Coating - 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					
Archit. Coating	2.3543					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0249	0.1694	0.2355	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003	0.0000	33.1923	33.1923	1.9900e-003	0.0000	33.2419
Total	2.3792	0.1694	0.2355	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003	0.0000	33.1923	33.1923	1.9900e-003	0.0000	33.2419

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4354	0.2684	3.3044	0.0124	1.4543	9.2400e-003	1.4635	0.3862	8.5000e-003	0.3947	0.0000	1,125.0798	1,125.0798	0.0214	0.0000	1,125.6149
Total	0.4354	0.2684	3.3044	0.0124	1.4543	9.2400e-003	1.4635	0.3862	8.5000e-003	0.3947	0.0000	1,125.0798	1,125.0798	0.0214	0.0000	1,125.6149

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	2.3543					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0249	0.1694	0.2354	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003	0.0000	33.1923	33.1923	1.9900e-003	0.0000	33.2419
Total	2.3792	0.1694	0.2354	3.9000e-004		9.2100e-003	9.2100e-003		9.2100e-003	9.2100e-003	0.0000	33.1923	33.1923	1.9900e-003	0.0000	33.2419

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4354	0.2684	3.3044	0.0124	1.3408	9.2400e-003	1.3500	0.3583	8.5000e-003	0.3669	0.0000	1,125.0798	1,125.0798	0.0214	0.0000	1,125.6149
Total	0.4354	0.2684	3.3044	0.0124	1.3408	9.2400e-003	1.3500	0.3583	8.5000e-003	0.3669	0.0000	1,125.0798	1,125.0798	0.0214	0.0000	1,125.6149

3.8 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	2.3724					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	2.3961	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4176	0.2463	3.0972	0.0120	1.4654	9.1500e-003	1.4746	0.3892	8.4200e-003	0.3976	0.0000	1,088.8163	1,088.8163	0.0196	0.0000	1,089.3055
Total	0.4176	0.2463	3.0972	0.0120	1.4654	9.1500e-003	1.4746	0.3892	8.4200e-003	0.3976	0.0000	1,088.8163	1,088.8163	0.0196	0.0000	1,089.3055

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	2.3724					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947
Total	2.3961	0.1597	0.2371	3.9000e-004		7.9800e-003	7.9800e-003		7.9800e-003	7.9800e-003	0.0000	33.4476	33.4476	1.8800e-003	0.0000	33.4947

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.4176	0.2463	3.0972	0.0120	1.3511	9.1500e-003	1.3602	0.3611	8.4200e-003	0.3695	0.0000	1,088.8163	1,088.8163	0.0196	0.0000	1,089.3055
Total	0.4176	0.2463	3.0972	0.0120	1.3511	9.1500e-003	1.3602	0.3611	8.4200e-003	0.3695	0.0000	1,088.8163	1,088.8163	0.0196	0.0000	1,089.3055

3.8 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.7748					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0167	0.1123	0.1773	2.9000e-004		5.0500e-003	5.0500e-003		5.0500e-003	5.0500e-003	0.0000	25.0219	25.0219	1.3600e-003	0.0000	25.0560
Total	1.7915	0.1123	0.1773	2.9000e-004		5.0500e-003	5.0500e-003		5.0500e-003	5.0500e-003	0.0000	25.0219	25.0219	1.3600e-003	0.0000	25.0560

Unmitigated Construction Off-Site

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

Worker	0.2988	0.1690	2.1618	8.6300e-003	1.0963	6.7600e-003	1.1030	0.2911	6.2200e-003	0.2974	0.0000	781.6268	781.6268	0.0134	0.0000	781.9614
Total	0.2988	0.1690	2.1618	8.6300e-003	1.0963	6.7600e-003	1.1030	0.2911	6.2200e-003	0.2974	0.0000	781.6268	781.6268	0.0134	0.0000	781.9614

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	1.7748					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0167	0.1123	0.1773	2.9000e-004		5.0500e-003	5.0500e-003		5.0500e-003	5.0500e-003	0.0000	25.0219	25.0219	1.3600e-003	0.0000	25.0560
Total	1.7915	0.1123	0.1773	2.9000e-004		5.0500e-003	5.0500e-003		5.0500e-003	5.0500e-003	0.0000	25.0219	25.0219	1.3600e-003	0.0000	25.0560

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.2988	0.1690	2.1618	8.6300e-003	1.0107	6.7600e-003	1.0175	0.2701	6.2200e-003	0.2764	0.0000	781.6268	781.6268	0.0134	0.0000	781.9614
Total	0.2988	0.1690	2.1618	8.6300e-003	1.0107	6.7600e-003	1.0175	0.2701	6.2200e-003	0.2764	0.0000	781.6268	781.6268	0.0134	0.0000	781.9614

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

Existing Conditions (2020) Emissions

Westminster Mall Existing Conditions - Orange County, Summer

**Westminster Mall Existing Conditions
Orange County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1,431.99	1000sqft	32.87	1,431,990.00	0
Other Non-Asphalt Surfaces	39.80	1000sqft	0.91	39,800.00	0
Parking Lot	5,818.00	1000sqft	53.43	2,327,200.00	0
Regional Shopping Center	1,360.00	1000sqft	15.61	1,360,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	510.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SCE 2018 Sustainability Report
 Land Use - see assumptions file
 Construction Phase -
 Vehicle Trips - based on information from F&P
 Area Coating - only accounts for parking area
 Energy Use -

Water And Wastewater - see USS section for WSA values

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	227939	139632
tblLandUse	LandUseSquareFeet	5,818,000.00	2,327,200.00
tblLandUse	LotAcreage	133.56	53.43
tblLandUse	LotAcreage	31.22	15.61
tblProjectCharacteristics	CO2IntensityFactor	702.44	510.44
tblVehicleTrips	CC_TL	8.40	7.33
tblVehicleTrips	CNW_TL	6.90	7.33
tblVehicleTrips	CW_TL	16.60	7.33
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	49.97	20.00
tblVehicleTrips	SU_TR	25.24	4.91
tblVehicleTrips	WD_TR	42.70	17.57
tblWater	IndoorWaterUseRate	100,738,629.22	17,093,680.00
tblWater	OutdoorWaterUseRate	61,743,030.81	8,511,070.00

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	lb/day										lb/day					
Area	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199
Energy	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Mobile	42.2833	163.9757	517.9302	1.8126	153.9529	1.7841	155.7369	41.1682	1.6737	42.8418		183,778.7293	183,778.7293	7.8646		183,975.3438

Total	74.3567	164.7547	519.4664	1.8173	153.9529	1.8458	155.7987	41.1682	1.7354	42.9036		184,705.5538	184,705.5538	7.8874	0.0170	184,907.7917
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Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199
Energy	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Mobile	42.2833	163.9757	517.9302	1.8126	153.9529	1.7841	155.7369	41.1682	1.6737	42.8418		183,778.7293	183,778.7293	7.8646		183,975.3438
Total	74.3567	164.7547	519.4664	1.8173	153.9529	1.8458	155.7987	41.1682	1.7354	42.9036		184,705.5538	184,705.5538	7.8874	0.0170	184,907.7917

	ROG	NOx	CO	SO2	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	lb/day										lb/day					
Mitigated	42.2833	163.9757	517.9302	1.8126	153.9529	1.7841	155.7369	41.1682	1.6737	42.8418		183,778.7293	183,778.7293	7.8646		183,975.3438
Unmitigated	42.2833	163.9757	517.9302	1.8126	153.9529	1.7841	155.7369	41.1682	1.6737	42.8418		183,778.7293	183,778.7293	7.8646		183,975.3438

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT

Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	23,900.00	27,204.00	6672.00	58,460,796	58,460,796
Total	23,900.00	27,204.00	6,672.00	58,460,796	58,460,796

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- NW	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	7.33	7.33	7.33	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Other Non-Asphalt Surfaces	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Parking Lot	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Regional Shopping Center	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002

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	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
NaturalGas Unmitigated	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

5.2 Energy by Land Use - NaturalGas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
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
Parking Lot	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
Regional Shopping Center	7861.92	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Total		0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

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					
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
Parking Lot	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
Regional Shopping Center	7.86192	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Total		0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

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	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003	1.8930	1.8930	5.0800e-003			2.0199

Unmitigated	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199
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6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.6313					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.2736					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0836	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199
Total	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.6313					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.2736					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0836	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199
Total	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199

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

Westminster Mall Existing Conditions - Orange County, Winter

**Westminster Mall Existing Conditions
Orange County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1,431.99	1000sqft	32.87	1,431,990.00	0
Other Non-Asphalt Surfaces	39.80	1000sqft	0.91	39,800.00	0
Parking Lot	5,818.00	1000sqft	53.43	2,327,200.00	0
Regional Shopping Center	1,360.00	1000sqft	15.61	1,360,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	510.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SCE 2018 Sustainability Report
 Land Use - see assumptions file
 Construction Phase -
 Vehicle Trips - based on information from F&P
 Area Coating - only accounts for parking area
 Energy Use -
 Water And Wastewater - see USS section for WSA values

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	227939	139632
tblLandUse	LandUseSquareFeet	5,818,000.00	2,327,200.00
tblLandUse	LotAcreage	133.56	53.43
tblLandUse	LotAcreage	31.22	15.61
tblProjectCharacteristics	CO2IntensityFactor	702.44	510.44
tblVehicleTrips	CC_TL	8.40	7.33
tblVehicleTrips	CNW_TL	6.90	7.33
tblVehicleTrips	CW_TL	16.60	7.33
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	49.97	20.00
tblVehicleTrips	SU_TR	25.24	4.91
tblVehicleTrips	WD_TR	42.70	17.57
tblWater	IndoorWaterUseRate	100,738,629.22	17,093,680.00
tblWater	OutdoorWaterUseRate	61,743,030.81	8,511,070.00

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	lb/day										lb/day					
Area	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199
Energy	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Mobile	41.6770	168.5380	500.0096	1.7303	153.9529	1.7929	155.7458	41.1682	1.6821	42.8503		175,523.0850	175,523.0850	7.8593		175,719.5679
Total	73.7503	169.3170	501.5458	1.7350	153.9529	1.8547	155.8076	41.1682	1.7439	42.9121		176,449.9095	176,449.9095	7.8821	0.0170	176,652.0158

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199
Energy	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Mobile	41.6770	168.5380	500.0096	1.7303	153.9529	1.7929	155.7458	41.1682	1.6821	42.8503		175,523.0850	175,523.0850	7.8593		175,719.5679
Total	73.7503	169.3170	501.5458	1.7350	153.9529	1.8547	155.8076	41.1682	1.7439	42.9121		176,449.9095	176,449.9095	7.8821	0.0170	176,652.0158

	ROG	NOx	CO	SO2	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	lb/day										lb/day					
Mitigated	41.6770	168.5380	500.0096	1.7303	153.9529	1.7929	155.7458	41.1682	1.6821	42.8503		175,523.0850	175,523.0850	7.8593		175,719.5679
Unmitigated	41.6770	168.5380	500.0096	1.7303	153.9529	1.7929	155.7458	41.1682	1.6821	42.8503		175,523.0850	175,523.0850	7.8593		175,719.5679

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	23,900.00	27,204.00	6,672.00	58,460,796	58,460,796
Total	23,900.00	27,204.00	6,672.00	58,460,796	58,460,796

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
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	7.33	7.33	7.33	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Other Non-Asphalt Surfaces	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Parking Lot	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Regional Shopping Center	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002

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	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
NaturalGas Unmitigated	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

5.2 Energy by Land Use - NaturalGas

Unmitigated

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

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
Parking Lot	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
Regional Shopping Center	7861.92	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Total		0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

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					
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
Parking Lot	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
Regional Shopping Center	7.86192	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Total		0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

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	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199
Unmitigated	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.6313					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.2736					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0836	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199
Total	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.6313					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.2736					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0836	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199
Total	31.9886	8.2100e-003	0.8888	7.0000e-005		3.1900e-003	3.1900e-003		3.1900e-003	3.1900e-003		1.8930	1.8930	5.0800e-003		2.0199

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

Westminster Mall Existing Conditions - Orange County, Annual

**Westminster Mall Existing Conditions
Orange County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1,431.99	1000sqft	32.87	1,431,990.00	0
Other Non-Asphalt Surfaces	39.80	1000sqft	0.91	39,800.00	0
Parking Lot	5,818.00	1000sqft	53.43	2,327,200.00	0
Regional Shopping Center	1,360.00	1000sqft	15.61	1,360,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	510.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SCE 2018 Sustainability Report

Land Use - see assumptions file

Construction Phase -

Vehicle Trips - based on information from F&P

Area Coating - only accounts for parking area

Energy Use -

Water And Wastewater - see USS section for WSA values

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	227939	139632
tblLandUse	LandUseSquareFeet	5,818,000.00	2,327,200.00
tblLandUse	LotAcreage	133.56	53.43
tblLandUse	LotAcreage	31.22	15.61
tblProjectCharacteristics	CO2IntensityFactor	702.44	510.44
tblVehicleTrips	CC_TL	8.40	7.33
tblVehicleTrips	CNW_TL	6.90	7.33
tblVehicleTrips	CW_TL	16.60	7.33
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	49.97	20.00
tblVehicleTrips	SU_TR	25.24	4.91
tblVehicleTrips	WD_TR	42.70	17.57
tblWater	IndoorWaterUseRate	100,738,629.22	17,093,680.00
tblWater	OutdoorWaterUseRate	61,743,030.81	8,511,070.00

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	5.8331	1.0300e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	0.2147	0.2147	5.8000e-004	0.0000	0.2291
Energy	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	4,859.3237	4,859.3237	0.2703	0.0581	4,883.4032
Mobile	5.9158	25.1301	74.1174	0.2568	22.1706	0.2618	22.4323	5.9373	0.2456	6.1829	0.0000	23,634.1513	23,634.1513	1.0412	0.0000	23,660.1806

Waste						0.0000	0.0000		0.0000	0.0000	289.8711	0.0000	289.8711	17.1309	0.0000	718.1434
Water						0.0000	0.0000		0.0000	0.0000	5.4230	73.4268	78.8498	0.5612	0.0140	97.0555
Total	11.7644	25.2718	74.3467	0.2577	22.1706	0.2729	22.4434	5.9373	0.2567	6.1940	295.2941	28,567.1164	28,862.4106	19.0041	0.0722	29,359.0117

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	5.8331	1.0300e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	0.2147	0.2147	5.8000e-004	0.0000	0.2291
Energy	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	4,859.3237	4,859.3237	0.2703	0.0581	4,883.4032
Mobile	5.9158	25.1301	74.1174	0.2568	22.1706	0.2618	22.4323	5.9373	0.2456	6.1829	0.0000	23,634.1513	23,634.1513	1.0412	0.0000	23,660.1806
Waste						0.0000	0.0000		0.0000	0.0000	289.8711	0.0000	289.8711	17.1309	0.0000	718.1434
Water						0.0000	0.0000		0.0000	0.0000	5.4230	73.4268	78.8498	0.5612	0.0140	97.0555
Total	11.7644	25.2718	74.3467	0.2577	22.1706	0.2729	22.4434	5.9373	0.2567	6.1940	295.2941	28,567.1164	28,862.4106	19.0041	0.0722	29,359.0117

	ROG	NOx	CO	SO2	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	5.9158	25.1301	74.1174	0.2568	22.1706	0.2618	22.4323	5.9373	0.2456	6.1829	0.0000	23,634.1513	23,634.1513	1.0412	0.0000	23,660.1806

Unmitigated	5.9158	25.1301	74.1174	0.2568	22.1706	0.2618	22.4323	5.9373	0.2456	6.1829	0.0000	23,634.15	23,634.151	1.0412	0.0000	23,660.18
												13	3			06

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	23,900.00	27,204.00	6672.00	58,460,796	58,460,796
Total	23,900.00	27,204.00	6,672.00	58,460,796	58,460,796

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
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	7.33	7.33	7.33	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Other Non-Asphalt Surfaces	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Parking Lot	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002
Regional Shopping Center	0.555968	0.043848	0.210359	0.116378	0.016765	0.005795	0.025008	0.016160	0.001677	0.001586	0.004867	0.000586	0.001002

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
	tons/yr										MT/yr					
Electricity Mitigated					0.0000	0.0000		0.0000	0.0000		0.0000	4,706.1909	4,706.1909	0.2674	0.0553	4,729.3605

Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,706.1909	4,706.1909	0.2674	0.0553	4,729.3605
NaturalGas Mitigated	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428
NaturalGas Unmitigated	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428

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					
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
Parking Lot	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
Regional Shopping Center	2.8696e+06	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428
Total		0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428

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					
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
Parking Lot	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
Regional Shopping Center	2.8696e+06	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428
Total		0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
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
Parking Lot	2.04794e+006	474.1621	0.0269	5.5700e-003	476.4965
Regional Shopping Center	1.82784e+007	4,232.0288	0.2404	0.0498	4,252.8640
Total		4,706.1909	0.2674	0.0553	4,729.3605

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
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
Parking Lot	2.04794e+006	474.1621	0.0269	5.5700e-003	476.4965
Regional Shopping Center	1.82784e+007	4,232.0288	0.2404	0.0498	4,252.8640
Total		4,706.1909	0.2674	0.0553	4,729.3605

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	5.8331	1.0300e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	0.2147	0.2147	5.8000e-004	0.0000	0.2291
Unmitigated	5.8331	1.0300e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	0.2147	0.2147	5.8000e-004	0.0000	0.2291

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	0.6627						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.1599						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0105	1.0300e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	0.2147	0.2147	5.8000e-004	0.0000	0.2291
Total	5.8331	1.0300e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	0.2147	0.2147	5.8000e-004	0.0000	0.2291

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	0.6627						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.1599						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0105	1.0300e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	0.2147	0.2147	5.8000e-004	0.0000	0.2291
Total	5.8331	1.0300e-003	0.1111	1.0000e-005		4.0000e-004	4.0000e-004		4.0000e-004	4.0000e-004	0.0000	0.2147	0.2147	5.8000e-004	0.0000	0.2291

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e

Category	MT/yr			
Mitigated	78.8498	0.5612	0.0140	97.0555
Unmitigated	78.8498	0.5612	0.0140	97.0555

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
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
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	17.0937 / 8.51107	78.8498	0.5612	0.0140	97.0555
Total		78.8498	0.5612	0.0140	97.0555

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
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
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	17.0937 / 8.51107	78.8498	0.5612	0.0140	97.0555
Total		78.8498	0.5612	0.0140	97.0555

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	289.8711	17.1309	0.0000	718.1434
Unmitigated	289.8711	17.1309	0.0000	718.1434

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1428	289.8711	17.1309	0.0000	718.1434
Total		289.8711	17.1309	0.0000	718.1434

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1428	289.8711	17.1309	0.0000	718.1434
Total		289.8711	17.1309	0.0000	718.1434

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

Existing Conditions at Buildout (2040) Emissions

Westminster Mall Existing Conditions at Buildout (2040) - Orange County, Summer

**Westminster Mall Existing Conditions at Buildout (2040)
Orange County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1,431.99	1000sqft	32.87	1,431,990.00	0
Other Non-Asphalt Surfaces	39.80	1000sqft	0.91	39,800.00	0
Parking Lot	5,818.00	1000sqft	53.43	2,327,200.00	0
Regional Shopping Center	1,360.00	1000sqft	15.61	1,360,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	510.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - SCE 2018 Sustainability Report
- Land Use - see assumptions file
- Construction Phase -
- Vehicle Trips - based on information from F&P
- Area Coating - only accounts for parking area
- Energy Use -
- Water And Wastewater - see USS section for WSA values

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	227939	139632
tblLandUse	LandUseSquareFeet	5,818,000.00	2,327,200.00
tblLandUse	LotAcreage	133.56	53.43
tblLandUse	LotAcreage	31.22	15.61
tblProjectCharacteristics	CO2IntensityFactor	702.44	510.44
tblVehicleEF	HHD	0.27	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	1.22	6.25
tblVehicleEF	HHD	1.33	0.78
tblVehicleEF	HHD	5.58	0.01
tblVehicleEF	HHD	3,524.59	820.63
tblVehicleEF	HHD	1,507.73	1,059.15
tblVehicleEF	HHD	16.98	0.10
tblVehicleEF	HHD	10.22	5.07
tblVehicleEF	HHD	1.18	2.02
tblVehicleEF	HHD	18.50	2.49
tblVehicleEF	HHD	1.8500e-003	1.9340e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.0000e-006
tblVehicleEF	HHD	1.7690e-003	1.8500e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6770e-003	8.7530e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.0000e-006
tblVehicleEF	HHD	1.7200e-004	4.0000e-006
tblVehicleEF	HHD	6.7530e-003	1.3800e-004

tblVehicleEF	HHD	0.30	0.41
tblVehicleEF	HHD	1.3900e-004	3.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	6.3500e-004	6.7300e-004
tblVehicleEF	HHD	0.09	4.0000e-006
tblVehicleEF	HHD	0.03	7.4070e-003
tblVehicleEF	HHD	0.01	9.0230e-003
tblVehicleEF	HHD	2.6000e-004	1.0000e-006
tblVehicleEF	HHD	1.7200e-004	4.0000e-006
tblVehicleEF	HHD	6.7530e-003	1.3800e-004
tblVehicleEF	HHD	0.36	0.48
tblVehicleEF	HHD	1.3900e-004	3.0000e-006
tblVehicleEF	HHD	0.25	0.18
tblVehicleEF	HHD	6.3500e-004	6.7300e-004
tblVehicleEF	HHD	0.10	4.0000e-006
tblVehicleEF	HHD	0.26	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.89	6.17
tblVehicleEF	HHD	1.34	0.78
tblVehicleEF	HHD	5.32	0.01
tblVehicleEF	HHD	3,733.99	810.24
tblVehicleEF	HHD	1,507.73	1,059.15
tblVehicleEF	HHD	16.98	0.10
tblVehicleEF	HHD	10.55	4.83
tblVehicleEF	HHD	1.12	1.91
tblVehicleEF	HHD	18.49	2.49
tblVehicleEF	HHD	1.5590e-003	1.7120e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1290e-003	0.02

tblVehicleEF	HHD	2.0900e-004	1.0000e-006
tblVehicleEF	HHD	1.4920e-003	1.6380e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6770e-003	8.7530e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.0000e-006
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tblVehicleEF	HHD	1.8600e-004	4.0000e-006
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tblVehicleEF	HHD	6.0800e-004	6.4500e-004
tblVehicleEF	HHD	0.09	4.0000e-006
tblVehicleEF	HHD	0.03	7.3130e-003
tblVehicleEF	HHD	0.01	9.0230e-003
tblVehicleEF	HHD	2.5600e-004	1.0000e-006
tblVehicleEF	HHD	2.4200e-004	5.0000e-006
tblVehicleEF	HHD	6.8640e-003	1.4000e-004
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tblVehicleEF	HHD	1.8600e-004	4.0000e-006
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tblVehicleEF	HHD	6.0800e-004	6.4500e-004
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tblVehicleEF	HHD	1,507.73	955.02

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tblVehicleEF	HHD	9.77	5.18
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tblVehicleEF	HHD	18.51	2.49
tblVehicleEF	HHD	2.2500e-003	2.0950e-003
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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.0000e-006
tblVehicleEF	HHD	2.1530e-003	2.0040e-003
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	8.6770e-003	8.4020e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.0000e-006
tblVehicleEF	HHD	1.6100e-004	3.0000e-006
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tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	6.9900e-004	7.4100e-004
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tblVehicleEF	HHD	0.01	9.0230e-003
tblVehicleEF	HHD	2.6100e-004	1.0000e-006
tblVehicleEF	HHD	1.6100e-004	3.0000e-006
tblVehicleEF	HHD	7.0210e-003	1.4400e-004
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tblVehicleEF	HHD	1.3600e-004	3.0000e-006
tblVehicleEF	HHD	0.25	0.02
tblVehicleEF	HHD	6.9900e-004	7.4100e-004
tblVehicleEF	HHD	0.10	4.0000e-006

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tblVehicleEF	LDA	0.03	0.04
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tblVehicleEF	LDA	0.28	1.15
tblVehicleEF	LDA	173.84	191.67

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tblVehicleEF	LDA	0.01	0.10
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tblVehicleEF	LDA	9.8200e-004	7.4600e-004
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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	3.5380e-003	1.9870e-003
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tblVehicleEF	LDA	8.6060e-003	0.07
tblVehicleEF	LDA	1.3050e-003	6.4000e-004
tblVehicleEF	LDA	6.5900e-004	0.02
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tblVehicleEF	LDA	164.22	181.37
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tblVehicleEF	LDA	6.3800e-004	5.4600e-004

tblVehicleEF	LDA	9.0300e-004	6.8600e-004
tblVehicleEF	LDA	9.9660e-003	0.02
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	3.2800e-003	1.8450e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	8.8910e-003	0.07
tblVehicleEF	LDA	1.6420e-003	1.7940e-003
tblVehicleEF	LDA	3.6000e-004	3.6300e-004
tblVehicleEF	LDA	9.9660e-003	0.02
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.01	0.02
tblVehicleEF	LDA	4.7680e-003	2.6970e-003
tblVehicleEF	LDA	0.03	0.16
tblVehicleEF	LDA	9.7350e-003	0.07
tblVehicleEF	LDT1	1.9890e-003	8.4400e-004
tblVehicleEF	LDT1	1.3620e-003	0.02
tblVehicleEF	LDT1	0.35	0.42
tblVehicleEF	LDT1	0.51	1.44
tblVehicleEF	LDT1	214.31	221.83
tblVehicleEF	LDT1	46.84	44.89
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.12
tblVehicleEF	LDT1	9.0100e-004	6.9000e-004
tblVehicleEF	LDT1	1.3210e-003	8.8800e-004
tblVehicleEF	LDT1	8.2900e-004	6.3500e-004
tblVehicleEF	LDT1	1.2150e-003	8.1700e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	4.9320e-003	2.5740e-003

tblVehicleEF	LDT1	0.05	0.21
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	2.1450e-003	2.1950e-003
tblVehicleEF	LDT1	4.7600e-004	4.4400e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	7.1940e-003	3.7890e-003
tblVehicleEF	LDT1	0.05	0.21
tblVehicleEF	LDT1	0.02	0.09
tblVehicleEF	LDT1	2.1030e-003	9.0000e-004
tblVehicleEF	LDT1	1.2280e-003	0.02
tblVehicleEF	LDT1	0.38	0.46
tblVehicleEF	LDT1	0.44	1.25
tblVehicleEF	LDT1	223.11	229.53
tblVehicleEF	LDT1	46.84	44.56
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.11
tblVehicleEF	LDT1	9.0100e-004	6.9000e-004
tblVehicleEF	LDT1	1.3210e-003	8.8800e-004
tblVehicleEF	LDT1	8.2900e-004	6.3500e-004
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tblVehicleEF	LDT1	0.04	0.04
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	5.2130e-003	2.7200e-003
tblVehicleEF	LDT1	0.04	0.19
tblVehicleEF	LDT1	0.02	0.07
tblVehicleEF	LDT1	2.2330e-003	2.2710e-003
tblVehicleEF	LDT1	4.7500e-004	4.4100e-004
tblVehicleEF	LDT1	0.04	0.04

tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.04	0.05
tblVehicleEF	LDT1	7.6040e-003	4.0040e-003
tblVehicleEF	LDT1	0.04	0.20
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	1.9510e-003	8.2700e-004
tblVehicleEF	LDT1	1.3890e-003	0.02
tblVehicleEF	LDT1	0.34	0.41
tblVehicleEF	LDT1	0.52	1.49
tblVehicleEF	LDT1	211.06	218.99
tblVehicleEF	LDT1	46.84	44.96
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	9.0100e-004	6.9000e-004
tblVehicleEF	LDT1	1.3210e-003	8.8800e-004
tblVehicleEF	LDT1	8.2900e-004	6.3500e-004
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tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.03	0.03
tblVehicleEF	LDT1	4.8380e-003	2.5250e-003
tblVehicleEF	LDT1	0.06	0.25
tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	2.1120e-003	2.1670e-003
tblVehicleEF	LDT1	4.7600e-004	4.4500e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	7.0560e-003	3.7160e-003
tblVehicleEF	LDT1	0.06	0.25
tblVehicleEF	LDT1	0.02	0.09

tblVehicleEF	LDT2	2.0210e-003	1.0240e-003
tblVehicleEF	LDT2	1.1870e-003	0.02
tblVehicleEF	LDT2	0.39	0.48
tblVehicleEF	LDT2	0.50	1.79
tblVehicleEF	LDT2	243.72	220.44
tblVehicleEF	LDT2	52.36	44.55
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.12
tblVehicleEF	LDT2	8.2500e-004	6.7800e-004
tblVehicleEF	LDT2	1.1590e-003	7.9300e-004
tblVehicleEF	LDT2	7.5900e-004	6.2500e-004
tblVehicleEF	LDT2	1.0660e-003	7.2900e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	5.0340e-003	3.2940e-003
tblVehicleEF	LDT2	0.03	0.19
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4390e-003	2.1810e-003
tblVehicleEF	LDT2	5.3100e-004	4.4100e-004
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	7.3330e-003	4.7950e-003
tblVehicleEF	LDT2	0.03	0.19
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	2.1370e-003	1.0910e-003
tblVehicleEF	LDT2	1.1030e-003	0.02
tblVehicleEF	LDT2	0.43	0.52
tblVehicleEF	LDT2	0.46	1.55
tblVehicleEF	LDT2	253.76	227.38

tblVehicleEF	LDT2	52.36	44.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	8.2500e-004	6.7800e-004
tblVehicleEF	LDT2	1.1590e-003	7.9300e-004
tblVehicleEF	LDT2	7.5900e-004	6.2500e-004
tblVehicleEF	LDT2	1.0660e-003	7.2900e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	5.3210e-003	3.4730e-003
tblVehicleEF	LDT2	0.03	0.18
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.5400e-003	2.2490e-003
tblVehicleEF	LDT2	5.3000e-004	4.3700e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	7.7520e-003	5.0580e-003
tblVehicleEF	LDT2	0.03	0.18
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	1.9820e-003	1.0020e-003
tblVehicleEF	LDT2	1.2050e-003	0.03
tblVehicleEF	LDT2	0.38	0.46
tblVehicleEF	LDT2	0.51	1.84
tblVehicleEF	LDT2	240.01	217.88
tblVehicleEF	LDT2	52.36	44.64
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.12
tblVehicleEF	LDT2	8.2500e-004	6.7800e-004
tblVehicleEF	LDT2	1.1590e-003	7.9300e-004

tblVehicleEF	LDT2	7.5900e-004	6.2500e-004
tblVehicleEF	LDT2	1.0660e-003	7.2900e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	4.9370e-003	3.2350e-003
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4020e-003	2.1550e-003
tblVehicleEF	LDT2	5.3100e-004	4.4200e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	7.1930e-003	4.7060e-003
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LHD1	2.6490e-003	3.2970e-003
tblVehicleEF	LHD1	1.8170e-003	1.4850e-003
tblVehicleEF	LHD1	4.0590e-003	5.3970e-003
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.16
tblVehicleEF	LHD1	0.91	0.69
tblVehicleEF	LHD1	8.92	7.68
tblVehicleEF	LHD1	521.20	509.53
tblVehicleEF	LHD1	20.46	8.10
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.16	0.08
tblVehicleEF	LHD1	0.32	0.15
tblVehicleEF	LHD1	6.9800e-004	1.0730e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.8780e-003	3.7500e-003

tblVehicleEF	LHD1	4.2400e-004	1.6600e-004
tblVehicleEF	LHD1	6.6800e-004	1.0260e-003
tblVehicleEF	LHD1	2.6790e-003	2.5310e-003
tblVehicleEF	LHD1	4.6530e-003	3.5680e-003
tblVehicleEF	LHD1	3.9000e-004	1.5300e-004
tblVehicleEF	LHD1	8.9900e-004	9.7800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.2700e-004	7.8300e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.07	0.15
tblVehicleEF	LHD1	0.05	0.02
tblVehicleEF	LHD1	8.8000e-005	7.4000e-005
tblVehicleEF	LHD1	5.0720e-003	4.9520e-003
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tblVehicleEF	LHD1	8.9900e-004	9.7800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.2700e-004	7.8300e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.07	0.15
tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD1	2.6490e-003	3.3040e-003
tblVehicleEF	LHD1	1.8270e-003	1.4960e-003
tblVehicleEF	LHD1	3.9220e-003	5.2290e-003
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.16
tblVehicleEF	LHD1	0.88	0.66
tblVehicleEF	LHD1	8.92	7.68
tblVehicleEF	LHD1	521.20	509.53
tblVehicleEF	LHD1	20.46	8.06

tblVehicleEF	LHD1	0.05	0.04
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tblVehicleEF	LHD1	6.9800e-004	1.0730e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.8780e-003	3.7500e-003
tblVehicleEF	LHD1	4.2400e-004	1.6600e-004
tblVehicleEF	LHD1	6.6800e-004	1.0260e-003
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tblVehicleEF	LHD1	1.2600e-003	1.3760e-003
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tblVehicleEF	LHD1	9.6400e-004	1.0450e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.07	0.14
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tblVehicleEF	LHD1	8.8000e-005	7.4000e-005
tblVehicleEF	LHD1	5.0720e-003	4.9520e-003
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tblVehicleEF	LHD1	1.2600e-003	1.3760e-003
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.6400e-004	1.0450e-003
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.07	0.14
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	2.6490e-003	3.2960e-003
tblVehicleEF	LHD1	1.8140e-003	1.4820e-003
tblVehicleEF	LHD1	4.0870e-003	5.4310e-003

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tblVehicleEF	LHD1	0.18	0.16
tblVehicleEF	LHD1	0.92	0.69
tblVehicleEF	LHD1	8.92	7.68
tblVehicleEF	LHD1	521.20	509.53
tblVehicleEF	LHD1	20.46	8.11
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.15	0.08
tblVehicleEF	LHD1	0.32	0.15
tblVehicleEF	LHD1	6.9800e-004	1.0730e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.8780e-003	3.7500e-003
tblVehicleEF	LHD1	4.2400e-004	1.6600e-004
tblVehicleEF	LHD1	6.6800e-004	1.0260e-003
tblVehicleEF	LHD1	2.6790e-003	2.5310e-003
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tblVehicleEF	LHD1	8.3800e-004	9.1800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.0700e-004	7.6500e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.08	0.16
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	8.8000e-005	7.4000e-005
tblVehicleEF	LHD1	5.0720e-003	4.9520e-003
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tblVehicleEF	LHD1	8.3800e-004	9.1800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.0700e-004	7.6500e-004

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.08	0.16
tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD2	2.1700e-003	2.2480e-003
tblVehicleEF	LHD2	1.6130e-003	1.6500e-003
tblVehicleEF	LHD2	2.0550e-003	3.2910e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.80	0.43
tblVehicleEF	LHD2	13.31	12.00
tblVehicleEF	LHD2	561.16	517.25
tblVehicleEF	LHD2	21.12	5.87
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.05	0.13
tblVehicleEF	LHD2	0.19	0.10
tblVehicleEF	LHD2	8.6600e-004	1.4830e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	9.2970e-003
tblVehicleEF	LHD2	3.8300e-004	1.0100e-004
tblVehicleEF	LHD2	8.2800e-004	1.4190e-003
tblVehicleEF	LHD2	2.7110e-003	2.7150e-003
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tblVehicleEF	LHD2	3.5200e-004	9.3000e-005
tblVehicleEF	LHD2	5.1000e-004	6.2900e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0700e-004	5.1200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.3000e-004	1.1500e-004

tblVehicleEF	LHD2	5.4510e-003	4.9850e-003
tblVehicleEF	LHD2	2.2400e-004	5.8000e-005
tblVehicleEF	LHD2	5.1000e-004	6.2900e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0700e-004	5.1200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.02
tblVehicleEF	LHD2	2.1700e-003	2.2520e-003
tblVehicleEF	LHD2	1.6200e-003	1.6570e-003
tblVehicleEF	LHD2	2.0430e-003	3.1890e-003
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tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.77	0.42
tblVehicleEF	LHD2	13.31	12.00
tblVehicleEF	LHD2	561.16	517.26
tblVehicleEF	LHD2	21.12	5.84
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.05	0.12
tblVehicleEF	LHD2	0.19	0.09
tblVehicleEF	LHD2	8.6600e-004	1.4830e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	9.2970e-003
tblVehicleEF	LHD2	3.8300e-004	1.0100e-004
tblVehicleEF	LHD2	8.2800e-004	1.4190e-003
tblVehicleEF	LHD2	2.7110e-003	2.7150e-003
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tblVehicleEF	LHD2	3.5200e-004	9.3000e-005
tblVehicleEF	LHD2	7.1900e-004	8.8500e-004
tblVehicleEF	LHD2	0.01	0.02

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.4600e-004	6.8100e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.3000e-004	1.1500e-004
tblVehicleEF	LHD2	5.4510e-003	4.9850e-003
tblVehicleEF	LHD2	2.2400e-004	5.8000e-005
tblVehicleEF	LHD2	7.1900e-004	8.8500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4600e-004	6.8100e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.1700e-003	2.2470e-003
tblVehicleEF	LHD2	1.6110e-003	1.6490e-003
tblVehicleEF	LHD2	2.0570e-003	3.3120e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.80	0.43
tblVehicleEF	LHD2	13.31	12.00
tblVehicleEF	LHD2	561.16	517.25
tblVehicleEF	LHD2	21.12	5.87
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.05	0.12
tblVehicleEF	LHD2	0.19	0.10
tblVehicleEF	LHD2	8.6600e-004	1.4830e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	9.2970e-003
tblVehicleEF	LHD2	3.8300e-004	1.0100e-004

tblVehicleEF	LHD2	8.2800e-004	1.4190e-003
tblVehicleEF	LHD2	2.7110e-003	2.7150e-003
tblVehicleEF	LHD2	4.9300e-003	8.8830e-003
tblVehicleEF	LHD2	3.5200e-004	9.3000e-005
tblVehicleEF	LHD2	4.8000e-004	5.8600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.9900e-004	4.9900e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.3000e-004	1.1500e-004
tblVehicleEF	LHD2	5.4510e-003	4.9850e-003
tblVehicleEF	LHD2	2.2400e-004	5.8000e-005
tblVehicleEF	LHD2	4.8000e-004	5.8600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9900e-004	4.9900e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.02
tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.89	16.92
tblVehicleEF	MCY	9.80	8.71
tblVehicleEF	MCY	179.88	214.11
tblVehicleEF	MCY	41.42	56.78
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.4660e-003	2.4600e-003
tblVehicleEF	MCY	3.3730e-003	2.9620e-003

tblVehicleEF	MCY	2.2990e-003	2.2940e-003
tblVehicleEF	MCY	3.1470e-003	2.7640e-003
tblVehicleEF	MCY	1.15	1.18
tblVehicleEF	MCY	0.63	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.27	2.27
tblVehicleEF	MCY	0.45	1.20
tblVehicleEF	MCY	1.94	1.73
tblVehicleEF	MCY	2.1440e-003	2.1190e-003
tblVehicleEF	MCY	6.3100e-004	5.6200e-004
tblVehicleEF	MCY	1.15	1.18
tblVehicleEF	MCY	0.63	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.85	2.85
tblVehicleEF	MCY	0.45	1.20
tblVehicleEF	MCY	2.12	1.88
tblVehicleEF	MCY	0.48	0.33
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	16.35	16.38
tblVehicleEF	MCY	8.96	7.92
tblVehicleEF	MCY	179.88	213.10
tblVehicleEF	MCY	41.42	54.96
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.4660e-003	2.4600e-003
tblVehicleEF	MCY	3.3730e-003	2.9620e-003
tblVehicleEF	MCY	2.2990e-003	2.2940e-003
tblVehicleEF	MCY	3.1470e-003	2.7640e-003
tblVehicleEF	MCY	1.73	1.77
tblVehicleEF	MCY	0.69	0.72
tblVehicleEF	MCY	1.06	1.08

tblVehicleEF	MCY	2.23	2.23
tblVehicleEF	MCY	0.42	1.10
tblVehicleEF	MCY	1.76	1.56
tblVehicleEF	MCY	2.1340e-003	2.1090e-003
tblVehicleEF	MCY	6.1200e-004	5.4400e-004
tblVehicleEF	MCY	1.73	1.77
tblVehicleEF	MCY	0.69	0.72
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	2.80	2.80
tblVehicleEF	MCY	0.42	1.10
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	16.97	17.00
tblVehicleEF	MCY	9.94	8.85
tblVehicleEF	MCY	179.88	214.26
tblVehicleEF	MCY	41.42	57.11
tblVehicleEF	MCY	1.08	1.08
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.4660e-003	2.4600e-003
tblVehicleEF	MCY	3.3730e-003	2.9620e-003
tblVehicleEF	MCY	2.2990e-003	2.2940e-003
tblVehicleEF	MCY	3.1470e-003	2.7640e-003
tblVehicleEF	MCY	1.27	1.30
tblVehicleEF	MCY	0.79	0.82
tblVehicleEF	MCY	0.70	0.72
tblVehicleEF	MCY	2.28	2.28
tblVehicleEF	MCY	0.54	1.43
tblVehicleEF	MCY	1.98	1.76
tblVehicleEF	MCY	2.1460e-003	2.1200e-003
tblVehicleEF	MCY	6.3500e-004	5.6500e-004

tblVehicleEF	MCY	1.27	1.30
tblVehicleEF	MCY	0.79	0.82
tblVehicleEF	MCY	0.70	0.72
tblVehicleEF	MCY	2.86	2.86
tblVehicleEF	MCY	0.54	1.43
tblVehicleEF	MCY	2.15	1.92
tblVehicleEF	MDV	2.8560e-003	1.0890e-003
tblVehicleEF	MDV	2.4420e-003	0.03
tblVehicleEF	MDV	0.48	0.48
tblVehicleEF	MDV	0.71	1.80
tblVehicleEF	MDV	323.90	268.50
tblVehicleEF	MDV	68.48	53.07
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.04	0.13
tblVehicleEF	MDV	9.1200e-004	6.8800e-004
tblVehicleEF	MDV	1.2590e-003	8.1300e-004
tblVehicleEF	MDV	8.4000e-004	6.3400e-004
tblVehicleEF	MDV	1.1580e-003	7.4700e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	7.2110e-003	3.6110e-003
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.03	0.10
tblVehicleEF	MDV	3.2370e-003	2.6530e-003
tblVehicleEF	MDV	6.9600e-004	5.2500e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	5.2490e-003
tblVehicleEF	MDV	0.05	0.21

tblVehicleEF	MDV	0.04	0.11
tblVehicleEF	MDV	3.0180e-003	1.1600e-003
tblVehicleEF	MDV	2.2310e-003	0.02
tblVehicleEF	MDV	0.52	0.52
tblVehicleEF	MDV	0.64	1.55
tblVehicleEF	MDV	336.82	275.32
tblVehicleEF	MDV	68.48	52.65
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.04	0.12
tblVehicleEF	MDV	9.1200e-004	6.8800e-004
tblVehicleEF	MDV	1.2590e-003	8.1300e-004
tblVehicleEF	MDV	8.4000e-004	6.3400e-004
tblVehicleEF	MDV	1.1580e-003	7.4700e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	7.6120e-003	3.8060e-003
tblVehicleEF	MDV	0.05	0.19
tblVehicleEF	MDV	0.03	0.09
tblVehicleEF	MDV	3.3670e-003	2.7210e-003
tblVehicleEF	MDV	6.9500e-004	5.2100e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.01	5.5350e-003
tblVehicleEF	MDV	0.05	0.19
tblVehicleEF	MDV	0.03	0.10
tblVehicleEF	MDV	2.8010e-003	1.0660e-003
tblVehicleEF	MDV	2.4850e-003	0.03
tblVehicleEF	MDV	0.47	0.46
tblVehicleEF	MDV	0.73	1.85

tblVehicleEF	MDV	319.13	265.99
tblVehicleEF	MDV	68.48	53.16
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.04	0.13
tblVehicleEF	MDV	9.1200e-004	6.8800e-004
tblVehicleEF	MDV	1.2590e-003	8.1300e-004
tblVehicleEF	MDV	8.4000e-004	6.3400e-004
tblVehicleEF	MDV	1.1580e-003	7.4700e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	7.0760e-003	3.5460e-003
tblVehicleEF	MDV	0.06	0.24
tblVehicleEF	MDV	0.03	0.11
tblVehicleEF	MDV	3.1890e-003	2.6280e-003
tblVehicleEF	MDV	6.9600e-004	5.2600e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	5.1530e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.04	0.12
tblVehicleEF	MH	3.5000e-003	2.1940e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	2.99	0.00
tblVehicleEF	MH	1,058.61	811.04
tblVehicleEF	MH	55.54	0.00
tblVehicleEF	MH	0.56	2.27
tblVehicleEF	MH	0.51	0.00
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tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	0.00
tblVehicleEF	MH	3.2220e-003	4.0000e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.1200e-003	0.00
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.01	7.6670e-003
tblVehicleEF	MH	6.0700e-004	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.1200e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	3.5630e-003	2.1940e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	2.84	0.00
tblVehicleEF	MH	1,058.61	811.04
tblVehicleEF	MH	55.54	0.00
tblVehicleEF	MH	0.53	2.15
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	0.00
tblVehicleEF	MH	3.2220e-003	4.0000e-003

tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	0.00
tblVehicleEF	MH	0.44	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.0230e-003	0.00
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.01	7.6670e-003
tblVehicleEF	MH	6.0500e-004	0.00
tblVehicleEF	MH	0.44	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.0230e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	3.4810e-003	2.1940e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	3.02	0.00
tblVehicleEF	MH	1,058.61	811.04
tblVehicleEF	MH	55.54	0.00
tblVehicleEF	MH	0.55	2.23
tblVehicleEF	MH	0.52	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	0.00
tblVehicleEF	MH	3.2220e-003	4.0000e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	0.00
tblVehicleEF	MH	0.30	0.00

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.3540e-003	0.00
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.01	7.6670e-003
tblVehicleEF	MH	6.0800e-004	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.3540e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MHD	0.02	3.0840e-003
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tblVehicleEF	MHD	0.17	0.08
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tblVehicleEF	MHD	1,095.45	776.76
tblVehicleEF	MHD	48.02	6.65
tblVehicleEF	MHD	0.39	0.23
tblVehicleEF	MHD	0.55	1.00
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tblVehicleEF	MHD	3.2000e-005	6.0000e-005
tblVehicleEF	MHD	2.7430e-003	6.5050e-003
tblVehicleEF	MHD	6.6800e-004	8.8000e-005
tblVehicleEF	MHD	3.0000e-005	5.8000e-005
tblVehicleEF	MHD	2.6210e-003	6.2200e-003
tblVehicleEF	MHD	6.1400e-004	8.1000e-005

tblVehicleEF	MHD	5.9800e-004	3.2600e-004
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tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.8700e-004	2.6800e-004
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tblVehicleEF	MHD	9.7940e-003	0.07
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	1.4730e-003	4.2900e-004
tblVehicleEF	MHD	0.01	7.3950e-003
tblVehicleEF	MHD	5.2200e-004	6.6000e-005
tblVehicleEF	MHD	5.9800e-004	3.2600e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.8700e-004	2.6800e-004
tblVehicleEF	MHD	0.03	8.5520e-003
tblVehicleEF	MHD	9.7940e-003	0.07
tblVehicleEF	MHD	0.18	0.04
tblVehicleEF	MHD	0.02	2.9350e-003
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tblVehicleEF	MHD	0.03	6.3810e-003
tblVehicleEF	MHD	0.22	0.28
tblVehicleEF	MHD	0.17	0.08
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tblVehicleEF	MHD	162.39	44.77
tblVehicleEF	MHD	1,095.45	776.76
tblVehicleEF	MHD	48.02	6.60
tblVehicleEF	MHD	0.41	0.22
tblVehicleEF	MHD	0.52	0.95
tblVehicleEF	MHD	11.89	1.75
tblVehicleEF	MHD	2.7000e-005	5.4000e-005
tblVehicleEF	MHD	2.7430e-003	6.5050e-003

tblVehicleEF	MHD	6.6800e-004	8.8000e-005
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tblVehicleEF	MHD	2.6210e-003	6.2200e-003
tblVehicleEF	MHD	6.1400e-004	8.1000e-005
tblVehicleEF	MHD	8.4300e-004	4.5900e-004
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tblVehicleEF	MHD	0.02	0.01
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tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.5580e-003	4.2500e-004
tblVehicleEF	MHD	0.01	7.3950e-003
tblVehicleEF	MHD	5.2000e-004	6.5000e-005
tblVehicleEF	MHD	8.4300e-004	4.5900e-004
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4800e-004	3.5600e-004
tblVehicleEF	MHD	0.03	8.5790e-003
tblVehicleEF	MHD	9.3880e-003	0.06
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	MHD	0.02	3.3000e-003
tblVehicleEF	MHD	1.6320e-003	5.3400e-004
tblVehicleEF	MHD	0.03	6.6230e-003
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tblVehicleEF	MHD	0.17	0.08
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tblVehicleEF	MHD	1,095.45	776.76
tblVehicleEF	MHD	48.02	6.66
tblVehicleEF	MHD	0.38	0.25

tblVehicleEF	MHD	0.54	0.98
tblVehicleEF	MHD	11.91	1.76
tblVehicleEF	MHD	3.9000e-005	7.0000e-005
tblVehicleEF	MHD	2.7430e-003	6.5050e-003
tblVehicleEF	MHD	6.6800e-004	8.8000e-005
tblVehicleEF	MHD	3.7000e-005	6.7000e-005
tblVehicleEF	MHD	2.6210e-003	6.2200e-003
tblVehicleEF	MHD	6.1400e-004	8.1000e-005
tblVehicleEF	MHD	5.5800e-004	3.0200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.7500e-004	2.6100e-004
tblVehicleEF	MHD	0.03	7.2510e-003
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	1.3540e-003	4.3400e-004
tblVehicleEF	MHD	0.01	7.3950e-003
tblVehicleEF	MHD	5.2200e-004	6.6000e-005
tblVehicleEF	MHD	5.5800e-004	3.0200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.7500e-004	2.6100e-004
tblVehicleEF	MHD	0.03	8.5440e-003
tblVehicleEF	MHD	0.01	0.07
tblVehicleEF	MHD	0.18	0.04
tblVehicleEF	OBUS	0.01	8.3860e-003
tblVehicleEF	OBUS	2.9590e-003	1.6360e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.59
tblVehicleEF	OBUS	0.22	0.18
tblVehicleEF	OBUS	3.76	1.72

tblVehicleEF	OBUS	73.88	72.14
tblVehicleEF	OBUS	1,173.76	1,077.82
tblVehicleEF	OBUS	67.02	15.49
tblVehicleEF	OBUS	0.15	0.33
tblVehicleEF	OBUS	0.42	0.90
tblVehicleEF	OBUS	1.87	0.82
tblVehicleEF	OBUS	1.4000e-005	1.1200e-004
tblVehicleEF	OBUS	2.3930e-003	6.7160e-003
tblVehicleEF	OBUS	1.0630e-003	2.1400e-004
tblVehicleEF	OBUS	1.3000e-005	1.0700e-004
tblVehicleEF	OBUS	2.2690e-003	6.4070e-003
tblVehicleEF	OBUS	9.7700e-004	1.9700e-004
tblVehicleEF	OBUS	1.4210e-003	1.4840e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.4900e-004	9.0500e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.25	0.09
tblVehicleEF	OBUS	7.1700e-004	6.8700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3600e-004	1.5300e-004
tblVehicleEF	OBUS	1.4210e-003	1.4840e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.07
tblVehicleEF	OBUS	8.4900e-004	9.0500e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.28	0.10
tblVehicleEF	OBUS	0.01	8.4710e-003
tblVehicleEF	OBUS	2.9990e-003	1.6670e-003

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tblVehicleEF	OBUS	0.24	0.58
tblVehicleEF	OBUS	0.22	0.18
tblVehicleEF	OBUS	3.57	1.63
tblVehicleEF	OBUS	77.29	71.32
tblVehicleEF	OBUS	1,173.76	1,077.83
tblVehicleEF	OBUS	67.02	15.34
tblVehicleEF	OBUS	0.16	0.32
tblVehicleEF	OBUS	0.39	0.85
tblVehicleEF	OBUS	1.84	0.81
tblVehicleEF	OBUS	1.2000e-005	9.9000e-005
tblVehicleEF	OBUS	2.3930e-003	6.7160e-003
tblVehicleEF	OBUS	1.0630e-003	2.1400e-004
tblVehicleEF	OBUS	1.1000e-005	9.5000e-005
tblVehicleEF	OBUS	2.2690e-003	6.4070e-003
tblVehicleEF	OBUS	9.7700e-004	1.9700e-004
tblVehicleEF	OBUS	1.9590e-003	2.0370e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	1.1400e-003	1.2050e-003
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.24	0.08
tblVehicleEF	OBUS	7.4900e-004	6.7900e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3300e-004	1.5200e-004
tblVehicleEF	OBUS	1.9590e-003	2.0370e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.07
tblVehicleEF	OBUS	1.1400e-003	1.2050e-003
tblVehicleEF	OBUS	0.03	0.01

tblVehicleEF	OBUS	0.05	0.21
tblVehicleEF	OBUS	0.26	0.09
tblVehicleEF	OBUS	0.01	8.2910e-003
tblVehicleEF	OBUS	2.9470e-003	1.6270e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.60
tblVehicleEF	OBUS	0.22	0.18
tblVehicleEF	OBUS	3.80	1.73
tblVehicleEF	OBUS	69.16	73.28
tblVehicleEF	OBUS	1,173.76	1,077.82
tblVehicleEF	OBUS	67.02	15.51
tblVehicleEF	OBUS	0.15	0.36
tblVehicleEF	OBUS	0.41	0.88
tblVehicleEF	OBUS	1.87	0.83
tblVehicleEF	OBUS	1.7000e-005	1.2900e-004
tblVehicleEF	OBUS	2.3930e-003	6.7160e-003
tblVehicleEF	OBUS	1.0630e-003	2.1400e-004
tblVehicleEF	OBUS	1.6000e-005	1.2400e-004
tblVehicleEF	OBUS	2.2690e-003	6.4070e-003
tblVehicleEF	OBUS	9.7700e-004	1.9700e-004
tblVehicleEF	OBUS	1.3600e-003	1.3970e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.2200e-004	8.7200e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.23
tblVehicleEF	OBUS	0.25	0.09
tblVehicleEF	OBUS	6.7200e-004	6.9700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3700e-004	1.5300e-004
tblVehicleEF	OBUS	1.3600e-003	1.3970e-003

tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.06
tblVehicleEF	OBUS	8.2200e-004	8.7200e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.23
tblVehicleEF	OBUS	0.28	0.10
tblVehicleEF	SBUS	0.84	0.13
tblVehicleEF	SBUS	3.6520e-003	1.6680e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	10.03	5.08
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	6.64	1.31
tblVehicleEF	SBUS	923.59	311.93
tblVehicleEF	SBUS	973.77	835.18
tblVehicleEF	SBUS	69.27	8.36
tblVehicleEF	SBUS	1.73	1.18
tblVehicleEF	SBUS	0.81	1.09
tblVehicleEF	SBUS	9.21	1.76
tblVehicleEF	SBUS	1.2900e-004	3.2200e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	3.5540e-003
tblVehicleEF	SBUS	1.5060e-003	1.4400e-004
tblVehicleEF	SBUS	1.2400e-004	3.0800e-004
tblVehicleEF	SBUS	2.5630e-003	2.5310e-003
tblVehicleEF	SBUS	2.4180e-003	3.3740e-003
tblVehicleEF	SBUS	1.3850e-003	1.3300e-004
tblVehicleEF	SBUS	5.2260e-003	2.2110e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.22	0.58
tblVehicleEF	SBUS	3.1760e-003	1.3610e-003
tblVehicleEF	SBUS	0.04	0.01

tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	9.1690e-003	3.0000e-003
tblVehicleEF	SBUS	9.4130e-003	8.0450e-003
tblVehicleEF	SBUS	8.0800e-004	8.3000e-005
tblVehicleEF	SBUS	5.2260e-003	2.2110e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.77	0.84
tblVehicleEF	SBUS	3.1760e-003	1.3610e-003
tblVehicleEF	SBUS	0.05	0.02
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.42	0.07
tblVehicleEF	SBUS	0.84	0.13
tblVehicleEF	SBUS	3.6960e-003	1.6960e-003
tblVehicleEF	SBUS	0.04	9.4790e-003
tblVehicleEF	SBUS	10.00	5.07
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	5.49	1.08
tblVehicleEF	SBUS	958.17	309.62
tblVehicleEF	SBUS	973.77	835.18
tblVehicleEF	SBUS	69.27	7.97
tblVehicleEF	SBUS	1.79	1.13
tblVehicleEF	SBUS	0.77	1.02
tblVehicleEF	SBUS	9.18	1.75
tblVehicleEF	SBUS	1.0900e-004	2.8400e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	3.5540e-003
tblVehicleEF	SBUS	1.5060e-003	1.4400e-004
tblVehicleEF	SBUS	1.0400e-004	2.7100e-004
tblVehicleEF	SBUS	2.5630e-003	2.5310e-003
tblVehicleEF	SBUS	2.4180e-003	3.3740e-003

tblVehicleEF	SBUS	1.3850e-003	1.3300e-004
tblVehicleEF	SBUS	7.1920e-003	3.0380e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.22	0.58
tblVehicleEF	SBUS	4.2360e-003	1.8060e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.35	0.05
tblVehicleEF	SBUS	9.4990e-003	2.9780e-003
tblVehicleEF	SBUS	9.4130e-003	8.0450e-003
tblVehicleEF	SBUS	7.8900e-004	7.9000e-005
tblVehicleEF	SBUS	7.1920e-003	3.0380e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.77	0.84
tblVehicleEF	SBUS	4.2360e-003	1.8060e-003
tblVehicleEF	SBUS	0.05	0.02
tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.38	0.06
tblVehicleEF	SBUS	0.84	0.13
tblVehicleEF	SBUS	3.6400e-003	1.6610e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	10.07	5.10
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	6.75	1.33
tblVehicleEF	SBUS	875.85	315.12
tblVehicleEF	SBUS	973.77	835.17
tblVehicleEF	SBUS	69.27	8.39
tblVehicleEF	SBUS	1.66	1.25
tblVehicleEF	SBUS	0.80	1.07
tblVehicleEF	SBUS	9.21	1.76
tblVehicleEF	SBUS	1.5700e-004	3.7600e-004

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	3.5540e-003
tblVehicleEF	SBUS	1.5060e-003	1.4400e-004
tblVehicleEF	SBUS	1.5000e-004	3.6000e-004
tblVehicleEF	SBUS	2.5630e-003	2.5310e-003
tblVehicleEF	SBUS	2.4180e-003	3.3740e-003
tblVehicleEF	SBUS	1.3850e-003	1.3300e-004
tblVehicleEF	SBUS	4.9380e-003	2.0700e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.22	0.58
tblVehicleEF	SBUS	3.0650e-003	1.3100e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.03	0.14
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	8.7140e-003	3.0300e-003
tblVehicleEF	SBUS	9.4130e-003	8.0450e-003
tblVehicleEF	SBUS	8.1000e-004	8.3000e-005
tblVehicleEF	SBUS	4.9380e-003	2.0700e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.77	0.84
tblVehicleEF	SBUS	3.0650e-003	1.3100e-003
tblVehicleEF	SBUS	0.05	0.02
tblVehicleEF	SBUS	0.03	0.14
tblVehicleEF	SBUS	0.43	0.07
tblVehicleEF	UBUS	0.94	1.2950e-003
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.36	0.06
tblVehicleEF	UBUS	7.61	1.81
tblVehicleEF	UBUS	1,705.12	324.23
tblVehicleEF	UBUS	144.21	17.56
tblVehicleEF	UBUS	0.95	0.04

tblVehicleEF	UBUS	11.88	0.17
tblVehicleEF	UBUS	0.49	0.02
tblVehicleEF	UBUS	0.01	2.2580e-003
tblVehicleEF	UBUS	5.9750e-003	4.4700e-004
tblVehicleEF	UBUS	1.6450e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.01
tblVehicleEF	UBUS	3.0000e-003	5.6500e-004
tblVehicleEF	UBUS	5.6750e-003	4.1100e-004
tblVehicleEF	UBUS	1.5130e-003	1.9700e-004
tblVehicleEF	UBUS	3.8210e-003	7.3900e-004
tblVehicleEF	UBUS	0.05	6.6420e-003
tblVehicleEF	UBUS	3.0710e-003	4.4000e-004
tblVehicleEF	UBUS	0.07	4.2680e-003
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.74	0.10
tblVehicleEF	UBUS	8.0310e-003	3.2090e-003
tblVehicleEF	UBUS	1.5830e-003	1.7400e-004
tblVehicleEF	UBUS	3.8210e-003	7.3900e-004
tblVehicleEF	UBUS	0.05	6.6420e-003
tblVehicleEF	UBUS	3.0710e-003	4.4000e-004
tblVehicleEF	UBUS	1.02	6.2280e-003
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.81	0.11
tblVehicleEF	UBUS	0.94	1.3220e-003
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.36	0.06
tblVehicleEF	UBUS	6.75	1.61
tblVehicleEF	UBUS	1,705.12	324.23
tblVehicleEF	UBUS	144.21	17.21
tblVehicleEF	UBUS	0.89	0.04
tblVehicleEF	UBUS	11.83	0.16

tblVehicleEF	UBUS	0.49	0.02
tblVehicleEF	UBUS	0.01	2.2580e-003
tblVehicleEF	UBUS	5.9750e-003	4.4700e-004
tblVehicleEF	UBUS	1.6450e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.01
tblVehicleEF	UBUS	3.0000e-003	5.6500e-004
tblVehicleEF	UBUS	5.6750e-003	4.1100e-004
tblVehicleEF	UBUS	1.5130e-003	1.9700e-004
tblVehicleEF	UBUS	5.2250e-003	1.0290e-003
tblVehicleEF	UBUS	0.05	6.9600e-003
tblVehicleEF	UBUS	4.1340e-003	6.3100e-004
tblVehicleEF	UBUS	0.07	4.3500e-003
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.68	0.09
tblVehicleEF	UBUS	8.0310e-003	3.2090e-003
tblVehicleEF	UBUS	1.5680e-003	1.7000e-004
tblVehicleEF	UBUS	5.2250e-003	1.0290e-003
tblVehicleEF	UBUS	0.05	6.9600e-003
tblVehicleEF	UBUS	4.1340e-003	6.3100e-004
tblVehicleEF	UBUS	1.02	6.3470e-003
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.75	0.10
tblVehicleEF	UBUS	0.94	1.2890e-003
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	4.36	0.06
tblVehicleEF	UBUS	7.76	1.85
tblVehicleEF	UBUS	1,705.12	324.23
tblVehicleEF	UBUS	144.21	17.62
tblVehicleEF	UBUS	0.93	0.04
tblVehicleEF	UBUS	11.89	0.17
tblVehicleEF	UBUS	0.49	0.02

tblVehicleEF	UBUS	0.01	2.2580e-003
tblVehicleEF	UBUS	5.9750e-003	4.4700e-004
tblVehicleEF	UBUS	1.6450e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.01
tblVehicleEF	UBUS	3.0000e-003	5.6500e-004
tblVehicleEF	UBUS	5.6750e-003	4.1100e-004
tblVehicleEF	UBUS	1.5130e-003	1.9700e-004
tblVehicleEF	UBUS	3.7200e-003	7.8700e-004
tblVehicleEF	UBUS	0.06	7.4990e-003
tblVehicleEF	UBUS	2.9220e-003	4.3800e-004
tblVehicleEF	UBUS	0.07	4.2490e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.75	0.10
tblVehicleEF	UBUS	8.0310e-003	3.2090e-003
tblVehicleEF	UBUS	1.5860e-003	1.7400e-004
tblVehicleEF	UBUS	3.7200e-003	7.8700e-004
tblVehicleEF	UBUS	0.06	7.4990e-003
tblVehicleEF	UBUS	2.9220e-003	4.3800e-004
tblVehicleEF	UBUS	1.02	6.2000e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.82	0.11
tblVehicleTrips	CC_TL	8.40	7.33
tblVehicleTrips	CNW_TL	6.90	7.33
tblVehicleTrips	CW_TL	16.60	7.33
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	49.97	20.00
tblVehicleTrips	SU_TR	25.24	4.91
tblVehicleTrips	WD_TR	42.70	17.57
tblWater	IndoorWaterUseRate	100,738,629.22	17,093,680.00

tblWater	OutdoorWaterUseRate	61,743,030.81	8,511,070.00
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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	lb/day										lb/day					
Area	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150
Energy	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Mobile	28.0607	60.2681	316.1821	1.1171	153.8053	0.6064	154.4117	41.0925	0.5692	41.6617		114,945.6772	114,945.6772	3.8247		115,041.2949
Total	60.1307	61.0467	317.7070	1.1218	153.8053	0.6681	154.4734	41.0925	0.6309	41.7234		115,872.5017	115,872.5017	3.8473	0.0170	115,973.7378

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150
Energy	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Mobile	28.0607	60.2681	316.1821	1.1171	153.8053	0.6064	154.4117	41.0925	0.5692	41.6617		114,945.6772	114,945.6772	3.8247		115,041.2949
Total	60.1307	61.0467	317.7070	1.1218	153.8053	0.6681	154.4734	41.0925	0.6309	41.7234		115,872.5017	115,872.5017	3.8473	0.0170	115,973.7378

	ROG	NOx	CO	SO2	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	lb/day										lb/day					
Mitigated	28.0607	60.2681	316.1821	1.1171	153.8053	0.6064	154.4117	41.0925	0.5692	41.6617		114,945.6772	114,945.6772	3.8247		115,041.2949
Unmitigated	28.0607	60.2681	316.1821	1.1171	153.8053	0.6064	154.4117	41.0925	0.5692	41.6617		114,945.6772	114,945.6772	3.8247		115,041.2949

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	23,900.00	27,204.00	6,672.00	58,460,796	58,460,796
Total	23,900.00	27,204.00	6,672.00	58,460,796	58,460,796

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
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	7.33	7.33	7.33	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Other Non-Asphalt Surfaces	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Parking Lot	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Regional Shopping Center	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741

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	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
NaturalGas Unmitigated	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

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					
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
Parking Lot	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
Regional Shopping Center	7861.92	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Total		0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

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					
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
Parking Lot	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

Regional Shopping Center	7.86192	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Total		0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

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	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150
Unmitigated	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day											lb/day				
Architectural Coating	3.6313					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.2736					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0803	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150
Total	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150

Mitigated

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

Architectural Coating	3.6313					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Consumer Products	28.2736					0.0000	0.0000		0.0000	0.0000			0.0000		0.0000
Landscaping	0.0803	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003	2.0150
Total	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003	2.0150

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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Westminster Mall Existing Conditions at Buildout (2040) - Orange County, Winter

Westminster Mall Existing Conditions at Buildout (2040)
Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1,431.99	1000sqft	32.87	1,431,990.00	0
Other Non-Asphalt Surfaces	39.80	1000sqft	0.91	39,800.00	0
Parking Lot	5,818.00	1000sqft	53.43	2,327,200.00	0
Regional Shopping Center	1,360.00	1000sqft	15.61	1,360,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	510.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SCE 2018 Sustainability Report

Land Use - see assumptions file

Construction Phase -

Vehicle Trips - based on information from F&P

Area Coating - only accounts for parking area

Energy Use -

Water And Wastewater - see USS section for WSA values

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	227939	139632
tblLandUse	LandUseSquareFeet	5,818,000.00	2,327,200.00
tblLandUse	LotAcreage	133.56	53.43
tblLandUse	LotAcreage	31.22	15.61
tblProjectCharacteristics	CO2IntensityFactor	702.44	510.44
tblVehicleEF	HHD	0.27	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	1.22	6.25
tblVehicleEF	HHD	1.33	0.78
tblVehicleEF	HHD	5.58	0.01
tblVehicleEF	HHD	3,524.59	820.63
tblVehicleEF	HHD	1,507.73	1,059.15
tblVehicleEF	HHD	16.98	0.10
tblVehicleEF	HHD	10.22	5.07
tblVehicleEF	HHD	1.18	2.02
tblVehicleEF	HHD	18.50	2.49
tblVehicleEF	HHD	1.8500e-003	1.9340e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.0000e-006
tblVehicleEF	HHD	1.7690e-003	1.8500e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6770e-003	8.7530e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.0000e-006
tblVehicleEF	HHD	1.7200e-004	4.0000e-006
tblVehicleEF	HHD	6.7530e-003	1.3800e-004

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tblVehicleEF	HHD	1.3900e-004	3.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	6.3500e-004	6.7300e-004
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tblVehicleEF	HHD	0.01	9.0230e-003
tblVehicleEF	HHD	2.6000e-004	1.0000e-006
tblVehicleEF	HHD	1.7200e-004	4.0000e-006
tblVehicleEF	HHD	6.7530e-003	1.3800e-004
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tblVehicleEF	HHD	0.25	0.18
tblVehicleEF	HHD	6.3500e-004	6.7300e-004
tblVehicleEF	HHD	0.10	4.0000e-006
tblVehicleEF	HHD	0.26	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.89	6.17
tblVehicleEF	HHD	1.34	0.78
tblVehicleEF	HHD	5.32	0.01
tblVehicleEF	HHD	3,733.99	810.24
tblVehicleEF	HHD	1,507.73	1,059.15
tblVehicleEF	HHD	16.98	0.10
tblVehicleEF	HHD	10.55	4.83
tblVehicleEF	HHD	1.12	1.91
tblVehicleEF	HHD	18.49	2.49
tblVehicleEF	HHD	1.5590e-003	1.7120e-003
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tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1290e-003	0.02

tblVehicleEF	HHD	2.0900e-004	1.0000e-006
tblVehicleEF	HHD	1.4920e-003	1.6380e-003
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tblVehicleEF	HHD	8.6770e-003	8.7530e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.0000e-006
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tblVehicleEF	HHD	1.8600e-004	4.0000e-006
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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.0000e-006
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tblVehicleEF	HHD	8.6770e-003	8.4020e-003
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tblVehicleEF	HHD	6.9900e-004	7.4100e-004
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tblVehicleEF	HHD	0.01	9.0230e-003
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tblVehicleEF	HHD	1.6100e-004	3.0000e-006
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tblVehicleEF	HHD	0.25	0.02
tblVehicleEF	HHD	6.9900e-004	7.4100e-004
tblVehicleEF	HHD	0.10	4.0000e-006

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tblVehicleEF	LDT1	0.02	0.12
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tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.03	0.03
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tblVehicleEF	LDT1	0.02	0.09
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tblVehicleEF	LDT1	0.02	0.11
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tblVehicleEF	LDT1	1.3210e-003	8.8800e-004
tblVehicleEF	LDT1	8.2900e-004	6.3500e-004
tblVehicleEF	LDT1	1.2150e-003	8.1700e-004
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tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.04	0.05
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tblVehicleEF	LDT1	0.02	0.07
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tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.04	0.05
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tblVehicleEF	LDT1	0.02	0.08
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tblVehicleEF	LDT1	46.84	44.96
tblVehicleEF	LDT1	0.02	0.02
tblVehicleEF	LDT1	0.02	0.13
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tblVehicleEF	LDT1	0.02	0.08
tblVehicleEF	LDT1	2.1120e-003	2.1670e-003
tblVehicleEF	LDT1	4.7600e-004	4.4500e-004
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.06	0.06
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	7.0560e-003	3.7160e-003
tblVehicleEF	LDT1	0.06	0.25
tblVehicleEF	LDT1	0.02	0.09

tblVehicleEF	LDT2	2.0210e-003	1.0240e-003
tblVehicleEF	LDT2	1.1870e-003	0.02
tblVehicleEF	LDT2	0.39	0.48
tblVehicleEF	LDT2	0.50	1.79
tblVehicleEF	LDT2	243.72	220.44
tblVehicleEF	LDT2	52.36	44.55
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.12
tblVehicleEF	LDT2	8.2500e-004	6.7800e-004
tblVehicleEF	LDT2	1.1590e-003	7.9300e-004
tblVehicleEF	LDT2	7.5900e-004	6.2500e-004
tblVehicleEF	LDT2	1.0660e-003	7.2900e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	5.0340e-003	3.2940e-003
tblVehicleEF	LDT2	0.03	0.19
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4390e-003	2.1810e-003
tblVehicleEF	LDT2	5.3100e-004	4.4100e-004
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	7.3330e-003	4.7950e-003
tblVehicleEF	LDT2	0.03	0.19
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	2.1370e-003	1.0910e-003
tblVehicleEF	LDT2	1.1030e-003	0.02
tblVehicleEF	LDT2	0.43	0.52
tblVehicleEF	LDT2	0.46	1.55
tblVehicleEF	LDT2	253.76	227.38

tblVehicleEF	LDT2	52.36	44.15
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	8.2500e-004	6.7800e-004
tblVehicleEF	LDT2	1.1590e-003	7.9300e-004
tblVehicleEF	LDT2	7.5900e-004	6.2500e-004
tblVehicleEF	LDT2	1.0660e-003	7.2900e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	5.3210e-003	3.4730e-003
tblVehicleEF	LDT2	0.03	0.18
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.5400e-003	2.2490e-003
tblVehicleEF	LDT2	5.3000e-004	4.3700e-004
tblVehicleEF	LDT2	0.03	0.05
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	7.7520e-003	5.0580e-003
tblVehicleEF	LDT2	0.03	0.18
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	1.9820e-003	1.0020e-003
tblVehicleEF	LDT2	1.2050e-003	0.03
tblVehicleEF	LDT2	0.38	0.46
tblVehicleEF	LDT2	0.51	1.84
tblVehicleEF	LDT2	240.01	217.88
tblVehicleEF	LDT2	52.36	44.64
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.12
tblVehicleEF	LDT2	8.2500e-004	6.7800e-004
tblVehicleEF	LDT2	1.1590e-003	7.9300e-004

tblVehicleEF	LDT2	7.5900e-004	6.2500e-004
tblVehicleEF	LDT2	1.0660e-003	7.2900e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	4.9370e-003	3.2350e-003
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4020e-003	2.1550e-003
tblVehicleEF	LDT2	5.3100e-004	4.4200e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	7.1930e-003	4.7060e-003
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LHD1	2.6490e-003	3.2970e-003
tblVehicleEF	LHD1	1.8170e-003	1.4850e-003
tblVehicleEF	LHD1	4.0590e-003	5.3970e-003
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.16
tblVehicleEF	LHD1	0.91	0.69
tblVehicleEF	LHD1	8.92	7.68
tblVehicleEF	LHD1	521.20	509.53
tblVehicleEF	LHD1	20.46	8.10
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.16	0.08
tblVehicleEF	LHD1	0.32	0.15
tblVehicleEF	LHD1	6.9800e-004	1.0730e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.8780e-003	3.7500e-003

tblVehicleEF	LHD1	4.2400e-004	1.6600e-004
tblVehicleEF	LHD1	6.6800e-004	1.0260e-003
tblVehicleEF	LHD1	2.6790e-003	2.5310e-003
tblVehicleEF	LHD1	4.6530e-003	3.5680e-003
tblVehicleEF	LHD1	3.9000e-004	1.5300e-004
tblVehicleEF	LHD1	8.9900e-004	9.7800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.2700e-004	7.8300e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.07	0.15
tblVehicleEF	LHD1	0.05	0.02
tblVehicleEF	LHD1	8.8000e-005	7.4000e-005
tblVehicleEF	LHD1	5.0720e-003	4.9520e-003
tblVehicleEF	LHD1	2.2000e-004	8.0000e-005
tblVehicleEF	LHD1	8.9900e-004	9.7800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.2700e-004	7.8300e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.07	0.15
tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD1	2.6490e-003	3.3040e-003
tblVehicleEF	LHD1	1.8270e-003	1.4960e-003
tblVehicleEF	LHD1	3.9220e-003	5.2290e-003
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.16
tblVehicleEF	LHD1	0.88	0.66
tblVehicleEF	LHD1	8.92	7.68
tblVehicleEF	LHD1	521.20	509.53
tblVehicleEF	LHD1	20.46	8.06

tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.15	0.08
tblVehicleEF	LHD1	0.31	0.14
tblVehicleEF	LHD1	6.9800e-004	1.0730e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.8780e-003	3.7500e-003
tblVehicleEF	LHD1	4.2400e-004	1.6600e-004
tblVehicleEF	LHD1	6.6800e-004	1.0260e-003
tblVehicleEF	LHD1	2.6790e-003	2.5310e-003
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tblVehicleEF	LHD1	3.9000e-004	1.5300e-004
tblVehicleEF	LHD1	1.2600e-003	1.3760e-003
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	9.6400e-004	1.0450e-003
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.07	0.14
tblVehicleEF	LHD1	0.05	0.02
tblVehicleEF	LHD1	8.8000e-005	7.4000e-005
tblVehicleEF	LHD1	5.0720e-003	4.9520e-003
tblVehicleEF	LHD1	2.2000e-004	8.0000e-005
tblVehicleEF	LHD1	1.2600e-003	1.3760e-003
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.6400e-004	1.0450e-003
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.07	0.14
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	2.6490e-003	3.2960e-003
tblVehicleEF	LHD1	1.8140e-003	1.4820e-003
tblVehicleEF	LHD1	4.0870e-003	5.4310e-003

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tblVehicleEF	LHD1	0.18	0.16
tblVehicleEF	LHD1	0.92	0.69
tblVehicleEF	LHD1	8.92	7.68
tblVehicleEF	LHD1	521.20	509.53
tblVehicleEF	LHD1	20.46	8.11
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.15	0.08
tblVehicleEF	LHD1	0.32	0.15
tblVehicleEF	LHD1	6.9800e-004	1.0730e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.8780e-003	3.7500e-003
tblVehicleEF	LHD1	4.2400e-004	1.6600e-004
tblVehicleEF	LHD1	6.6800e-004	1.0260e-003
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tblVehicleEF	LHD1	3.9000e-004	1.5300e-004
tblVehicleEF	LHD1	8.3800e-004	9.1800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.0700e-004	7.6500e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.08	0.16
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	8.8000e-005	7.4000e-005
tblVehicleEF	LHD1	5.0720e-003	4.9520e-003
tblVehicleEF	LHD1	2.2000e-004	8.0000e-005
tblVehicleEF	LHD1	8.3800e-004	9.1800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.0700e-004	7.6500e-004

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.08	0.16
tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD2	2.1700e-003	2.2480e-003
tblVehicleEF	LHD2	1.6130e-003	1.6500e-003
tblVehicleEF	LHD2	2.0550e-003	3.2910e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.80	0.43
tblVehicleEF	LHD2	13.31	12.00
tblVehicleEF	LHD2	561.16	517.25
tblVehicleEF	LHD2	21.12	5.87
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.05	0.13
tblVehicleEF	LHD2	0.19	0.10
tblVehicleEF	LHD2	8.6600e-004	1.4830e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	9.2970e-003
tblVehicleEF	LHD2	3.8300e-004	1.0100e-004
tblVehicleEF	LHD2	8.2800e-004	1.4190e-003
tblVehicleEF	LHD2	2.7110e-003	2.7150e-003
tblVehicleEF	LHD2	4.9300e-003	8.8830e-003
tblVehicleEF	LHD2	3.5200e-004	9.3000e-005
tblVehicleEF	LHD2	5.1000e-004	6.2900e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0700e-004	5.1200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.3000e-004	1.1500e-004

tblVehicleEF	LHD2	5.4510e-003	4.9850e-003
tblVehicleEF	LHD2	2.2400e-004	5.8000e-005
tblVehicleEF	LHD2	5.1000e-004	6.2900e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0700e-004	5.1200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.02
tblVehicleEF	LHD2	2.1700e-003	2.2520e-003
tblVehicleEF	LHD2	1.6200e-003	1.6570e-003
tblVehicleEF	LHD2	2.0430e-003	3.1890e-003
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.77	0.42
tblVehicleEF	LHD2	13.31	12.00
tblVehicleEF	LHD2	561.16	517.26
tblVehicleEF	LHD2	21.12	5.84
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.05	0.12
tblVehicleEF	LHD2	0.19	0.09
tblVehicleEF	LHD2	8.6600e-004	1.4830e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	9.2970e-003
tblVehicleEF	LHD2	3.8300e-004	1.0100e-004
tblVehicleEF	LHD2	8.2800e-004	1.4190e-003
tblVehicleEF	LHD2	2.7110e-003	2.7150e-003
tblVehicleEF	LHD2	4.9300e-003	8.8830e-003
tblVehicleEF	LHD2	3.5200e-004	9.3000e-005
tblVehicleEF	LHD2	7.1900e-004	8.8500e-004
tblVehicleEF	LHD2	0.01	0.02

tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.4600e-004	6.8100e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.3000e-004	1.1500e-004
tblVehicleEF	LHD2	5.4510e-003	4.9850e-003
tblVehicleEF	LHD2	2.2400e-004	5.8000e-005
tblVehicleEF	LHD2	7.1900e-004	8.8500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4600e-004	6.8100e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	2.1700e-003	2.2470e-003
tblVehicleEF	LHD2	1.6110e-003	1.6490e-003
tblVehicleEF	LHD2	2.0570e-003	3.3120e-003
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tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.80	0.43
tblVehicleEF	LHD2	13.31	12.00
tblVehicleEF	LHD2	561.16	517.25
tblVehicleEF	LHD2	21.12	5.87
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.05	0.12
tblVehicleEF	LHD2	0.19	0.10
tblVehicleEF	LHD2	8.6600e-004	1.4830e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	9.2970e-003
tblVehicleEF	LHD2	3.8300e-004	1.0100e-004

tblVehicleEF	LHD2	8.2800e-004	1.4190e-003
tblVehicleEF	LHD2	2.7110e-003	2.7150e-003
tblVehicleEF	LHD2	4.9300e-003	8.8830e-003
tblVehicleEF	LHD2	3.5200e-004	9.3000e-005
tblVehicleEF	LHD2	4.8000e-004	5.8600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.9900e-004	4.9900e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.3000e-004	1.1500e-004
tblVehicleEF	LHD2	5.4510e-003	4.9850e-003
tblVehicleEF	LHD2	2.2400e-004	5.8000e-005
tblVehicleEF	LHD2	4.8000e-004	5.8600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9900e-004	4.9900e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.02
tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.89	16.92
tblVehicleEF	MCY	9.80	8.71
tblVehicleEF	MCY	179.88	214.11
tblVehicleEF	MCY	41.42	56.78
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.4660e-003	2.4600e-003
tblVehicleEF	MCY	3.3730e-003	2.9620e-003

tblVehicleEF	MCY	2.2990e-003	2.2940e-003
tblVehicleEF	MCY	3.1470e-003	2.7640e-003
tblVehicleEF	MCY	1.15	1.18
tblVehicleEF	MCY	0.63	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.27	2.27
tblVehicleEF	MCY	0.45	1.20
tblVehicleEF	MCY	1.94	1.73
tblVehicleEF	MCY	2.1440e-003	2.1190e-003
tblVehicleEF	MCY	6.3100e-004	5.6200e-004
tblVehicleEF	MCY	1.15	1.18
tblVehicleEF	MCY	0.63	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.85	2.85
tblVehicleEF	MCY	0.45	1.20
tblVehicleEF	MCY	2.12	1.88
tblVehicleEF	MCY	0.48	0.33
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	16.35	16.38
tblVehicleEF	MCY	8.96	7.92
tblVehicleEF	MCY	179.88	213.10
tblVehicleEF	MCY	41.42	54.96
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.4660e-003	2.4600e-003
tblVehicleEF	MCY	3.3730e-003	2.9620e-003
tblVehicleEF	MCY	2.2990e-003	2.2940e-003
tblVehicleEF	MCY	3.1470e-003	2.7640e-003
tblVehicleEF	MCY	1.73	1.77
tblVehicleEF	MCY	0.69	0.72
tblVehicleEF	MCY	1.06	1.08

tblVehicleEF	MCY	2.23	2.23
tblVehicleEF	MCY	0.42	1.10
tblVehicleEF	MCY	1.76	1.56
tblVehicleEF	MCY	2.1340e-003	2.1090e-003
tblVehicleEF	MCY	6.1200e-004	5.4400e-004
tblVehicleEF	MCY	1.73	1.77
tblVehicleEF	MCY	0.69	0.72
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	2.80	2.80
tblVehicleEF	MCY	0.42	1.10
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	16.97	17.00
tblVehicleEF	MCY	9.94	8.85
tblVehicleEF	MCY	179.88	214.26
tblVehicleEF	MCY	41.42	57.11
tblVehicleEF	MCY	1.08	1.08
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.4660e-003	2.4600e-003
tblVehicleEF	MCY	3.3730e-003	2.9620e-003
tblVehicleEF	MCY	2.2990e-003	2.2940e-003
tblVehicleEF	MCY	3.1470e-003	2.7640e-003
tblVehicleEF	MCY	1.27	1.30
tblVehicleEF	MCY	0.79	0.82
tblVehicleEF	MCY	0.70	0.72
tblVehicleEF	MCY	2.28	2.28
tblVehicleEF	MCY	0.54	1.43
tblVehicleEF	MCY	1.98	1.76
tblVehicleEF	MCY	2.1460e-003	2.1200e-003
tblVehicleEF	MCY	6.3500e-004	5.6500e-004

tblVehicleEF	MCY	1.27	1.30
tblVehicleEF	MCY	0.79	0.82
tblVehicleEF	MCY	0.70	0.72
tblVehicleEF	MCY	2.86	2.86
tblVehicleEF	MCY	0.54	1.43
tblVehicleEF	MCY	2.15	1.92
tblVehicleEF	MDV	2.8560e-003	1.0890e-003
tblVehicleEF	MDV	2.4420e-003	0.03
tblVehicleEF	MDV	0.48	0.48
tblVehicleEF	MDV	0.71	1.80
tblVehicleEF	MDV	323.90	268.50
tblVehicleEF	MDV	68.48	53.07
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.04	0.13
tblVehicleEF	MDV	9.1200e-004	6.8800e-004
tblVehicleEF	MDV	1.2590e-003	8.1300e-004
tblVehicleEF	MDV	8.4000e-004	6.3400e-004
tblVehicleEF	MDV	1.1580e-003	7.4700e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	7.2110e-003	3.6110e-003
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.03	0.10
tblVehicleEF	MDV	3.2370e-003	2.6530e-003
tblVehicleEF	MDV	6.9600e-004	5.2500e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	5.2490e-003
tblVehicleEF	MDV	0.05	0.21

tblVehicleEF	MDV	0.04	0.11
tblVehicleEF	MDV	3.0180e-003	1.1600e-003
tblVehicleEF	MDV	2.2310e-003	0.02
tblVehicleEF	MDV	0.52	0.52
tblVehicleEF	MDV	0.64	1.55
tblVehicleEF	MDV	336.82	275.32
tblVehicleEF	MDV	68.48	52.65
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.04	0.12
tblVehicleEF	MDV	9.1200e-004	6.8800e-004
tblVehicleEF	MDV	1.2590e-003	8.1300e-004
tblVehicleEF	MDV	8.4000e-004	6.3400e-004
tblVehicleEF	MDV	1.1580e-003	7.4700e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	7.6120e-003	3.8060e-003
tblVehicleEF	MDV	0.05	0.19
tblVehicleEF	MDV	0.03	0.09
tblVehicleEF	MDV	3.3670e-003	2.7210e-003
tblVehicleEF	MDV	6.9500e-004	5.2100e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.01	5.5350e-003
tblVehicleEF	MDV	0.05	0.19
tblVehicleEF	MDV	0.03	0.10
tblVehicleEF	MDV	2.8010e-003	1.0660e-003
tblVehicleEF	MDV	2.4850e-003	0.03
tblVehicleEF	MDV	0.47	0.46
tblVehicleEF	MDV	0.73	1.85

tblVehicleEF	MDV	319.13	265.99
tblVehicleEF	MDV	68.48	53.16
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.04	0.13
tblVehicleEF	MDV	9.1200e-004	6.8800e-004
tblVehicleEF	MDV	1.2590e-003	8.1300e-004
tblVehicleEF	MDV	8.4000e-004	6.3400e-004
tblVehicleEF	MDV	1.1580e-003	7.4700e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	7.0760e-003	3.5460e-003
tblVehicleEF	MDV	0.06	0.24
tblVehicleEF	MDV	0.03	0.11
tblVehicleEF	MDV	3.1890e-003	2.6280e-003
tblVehicleEF	MDV	6.9600e-004	5.2600e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	5.1530e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.04	0.12
tblVehicleEF	MH	3.5000e-003	2.1940e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	2.99	0.00
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tblVehicleEF	MH	0.56	2.27
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tblVehicleEF	MH	3.2220e-003	4.0000e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.1200e-003	0.00
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.01	7.6670e-003
tblVehicleEF	MH	6.0700e-004	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.1200e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	3.5630e-003	2.1940e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	2.84	0.00
tblVehicleEF	MH	1,058.61	811.04
tblVehicleEF	MH	55.54	0.00
tblVehicleEF	MH	0.53	2.15
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	0.00
tblVehicleEF	MH	3.2220e-003	4.0000e-003

tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	0.00
tblVehicleEF	MH	0.44	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.0230e-003	0.00
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.01	7.6670e-003
tblVehicleEF	MH	6.0500e-004	0.00
tblVehicleEF	MH	0.44	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.0230e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	3.4810e-003	2.1940e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	3.02	0.00
tblVehicleEF	MH	1,058.61	811.04
tblVehicleEF	MH	55.54	0.00
tblVehicleEF	MH	0.55	2.23
tblVehicleEF	MH	0.52	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	0.00
tblVehicleEF	MH	3.2220e-003	4.0000e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	0.00
tblVehicleEF	MH	0.30	0.00

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.3540e-003	0.00
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.01	7.6670e-003
tblVehicleEF	MH	6.0800e-004	0.00
tblVehicleEF	MH	0.30	0.00
tblVehicleEF	MH	0.02	0.00
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tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.3540e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MHD	0.02	3.0840e-003
tblVehicleEF	MHD	1.6340e-003	5.3700e-004
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tblVehicleEF	MHD	2.7430e-003	6.5050e-003
tblVehicleEF	MHD	6.6800e-004	8.8000e-005
tblVehicleEF	MHD	3.0000e-005	5.8000e-005
tblVehicleEF	MHD	2.6210e-003	6.2200e-003
tblVehicleEF	MHD	6.1400e-004	8.1000e-005

tblVehicleEF	MHD	5.9800e-004	3.2600e-004
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tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	4.8700e-004	2.6800e-004
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tblVehicleEF	MHD	9.7940e-003	0.07
tblVehicleEF	MHD	0.16	0.03
tblVehicleEF	MHD	1.4730e-003	4.2900e-004
tblVehicleEF	MHD	0.01	7.3950e-003
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tblVehicleEF	MHD	4.8700e-004	2.6800e-004
tblVehicleEF	MHD	0.03	8.5520e-003
tblVehicleEF	MHD	9.7940e-003	0.07
tblVehicleEF	MHD	0.18	0.04
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tblVehicleEF	MHD	0.52	0.95
tblVehicleEF	MHD	11.89	1.75
tblVehicleEF	MHD	2.7000e-005	5.4000e-005
tblVehicleEF	MHD	2.7430e-003	6.5050e-003

tblVehicleEF	MHD	6.6800e-004	8.8000e-005
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tblVehicleEF	MHD	2.6210e-003	6.2200e-003
tblVehicleEF	MHD	6.1400e-004	8.1000e-005
tblVehicleEF	MHD	8.4300e-004	4.5900e-004
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tblVehicleEF	MHD	0.02	0.01
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tblVehicleEF	MHD	0.15	0.03
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tblVehicleEF	MHD	0.02	3.3000e-003
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tblVehicleEF	MHD	2.7430e-003	6.5050e-003
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tblVehicleEF	MHD	5.5800e-004	3.0200e-004
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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.7500e-004	2.6100e-004
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tblVehicleEF	MHD	0.01	0.07
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tblVehicleEF	MHD	5.5800e-004	3.0200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.03	0.02
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tblVehicleEF	MHD	0.18	0.04
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tblVehicleEF	OBUS	2.9590e-003	1.6360e-003
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tblVehicleEF	OBUS	0.22	0.18
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tblVehicleEF	OBUS	2.3930e-003	6.7160e-003
tblVehicleEF	OBUS	1.0630e-003	2.1400e-004
tblVehicleEF	OBUS	1.3000e-005	1.0700e-004
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tblVehicleEF	OBUS	0.05	0.21
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tblVehicleEF	OBUS	0.01	0.01
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tblVehicleEF	OBUS	1.0630e-003	2.1400e-004
tblVehicleEF	OBUS	1.1000e-005	9.5000e-005
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tblVehicleEF	OBUS	1.9590e-003	2.0370e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
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tblVehicleEF	OBUS	1.3600e-003	1.3970e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	8.2200e-004	8.7200e-004
tblVehicleEF	OBUS	0.03	0.01
tblVehicleEF	OBUS	0.05	0.23
tblVehicleEF	OBUS	0.25	0.09
tblVehicleEF	OBUS	6.7200e-004	6.9700e-004
tblVehicleEF	OBUS	0.01	0.01
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tblVehicleEF	SBUS	3.6520e-003	1.6680e-003
tblVehicleEF	SBUS	0.05	0.01
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tblVehicleEF	SBUS	0.81	1.09
tblVehicleEF	SBUS	9.21	1.76
tblVehicleEF	SBUS	1.2900e-004	3.2200e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	3.5540e-003
tblVehicleEF	SBUS	1.5060e-003	1.4400e-004
tblVehicleEF	SBUS	1.2400e-004	3.0800e-004
tblVehicleEF	SBUS	2.5630e-003	2.5310e-003
tblVehicleEF	SBUS	2.4180e-003	3.3740e-003
tblVehicleEF	SBUS	1.3850e-003	1.3300e-004
tblVehicleEF	SBUS	5.2260e-003	2.2110e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.22	0.58
tblVehicleEF	SBUS	3.1760e-003	1.3610e-003
tblVehicleEF	SBUS	0.04	0.01

tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	9.1690e-003	3.0000e-003
tblVehicleEF	SBUS	9.4130e-003	8.0450e-003
tblVehicleEF	SBUS	8.0800e-004	8.3000e-005
tblVehicleEF	SBUS	5.2260e-003	2.2110e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.77	0.84
tblVehicleEF	SBUS	3.1760e-003	1.3610e-003
tblVehicleEF	SBUS	0.05	0.02
tblVehicleEF	SBUS	0.02	0.11
tblVehicleEF	SBUS	0.42	0.07
tblVehicleEF	SBUS	0.84	0.13
tblVehicleEF	SBUS	3.6960e-003	1.6960e-003
tblVehicleEF	SBUS	0.04	9.4790e-003
tblVehicleEF	SBUS	10.00	5.07
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	5.49	1.08
tblVehicleEF	SBUS	958.17	309.62
tblVehicleEF	SBUS	973.77	835.18
tblVehicleEF	SBUS	69.27	7.97
tblVehicleEF	SBUS	1.79	1.13
tblVehicleEF	SBUS	0.77	1.02
tblVehicleEF	SBUS	9.18	1.75
tblVehicleEF	SBUS	1.0900e-004	2.8400e-004
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	3.5540e-003
tblVehicleEF	SBUS	1.5060e-003	1.4400e-004
tblVehicleEF	SBUS	1.0400e-004	2.7100e-004
tblVehicleEF	SBUS	2.5630e-003	2.5310e-003
tblVehicleEF	SBUS	2.4180e-003	3.3740e-003

tblVehicleEF	SBUS	1.3850e-003	1.3300e-004
tblVehicleEF	SBUS	7.1920e-003	3.0380e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.22	0.58
tblVehicleEF	SBUS	4.2360e-003	1.8060e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.35	0.05
tblVehicleEF	SBUS	9.4990e-003	2.9780e-003
tblVehicleEF	SBUS	9.4130e-003	8.0450e-003
tblVehicleEF	SBUS	7.8900e-004	7.9000e-005
tblVehicleEF	SBUS	7.1920e-003	3.0380e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.77	0.84
tblVehicleEF	SBUS	4.2360e-003	1.8060e-003
tblVehicleEF	SBUS	0.05	0.02
tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.38	0.06
tblVehicleEF	SBUS	0.84	0.13
tblVehicleEF	SBUS	3.6400e-003	1.6610e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	10.07	5.10
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	6.75	1.33
tblVehicleEF	SBUS	875.85	315.12
tblVehicleEF	SBUS	973.77	835.17
tblVehicleEF	SBUS	69.27	8.39
tblVehicleEF	SBUS	1.66	1.25
tblVehicleEF	SBUS	0.80	1.07
tblVehicleEF	SBUS	9.21	1.76
tblVehicleEF	SBUS	1.5700e-004	3.7600e-004

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	3.5540e-003
tblVehicleEF	SBUS	1.5060e-003	1.4400e-004
tblVehicleEF	SBUS	1.5000e-004	3.6000e-004
tblVehicleEF	SBUS	2.5630e-003	2.5310e-003
tblVehicleEF	SBUS	2.4180e-003	3.3740e-003
tblVehicleEF	SBUS	1.3850e-003	1.3300e-004
tblVehicleEF	SBUS	4.9380e-003	2.0700e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.22	0.58
tblVehicleEF	SBUS	3.0650e-003	1.3100e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.03	0.14
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	8.7140e-003	3.0300e-003
tblVehicleEF	SBUS	9.4130e-003	8.0450e-003
tblVehicleEF	SBUS	8.1000e-004	8.3000e-005
tblVehicleEF	SBUS	4.9380e-003	2.0700e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.77	0.84
tblVehicleEF	SBUS	3.0650e-003	1.3100e-003
tblVehicleEF	SBUS	0.05	0.02
tblVehicleEF	SBUS	0.03	0.14
tblVehicleEF	SBUS	0.43	0.07
tblVehicleEF	UBUS	0.94	1.2950e-003
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.36	0.06
tblVehicleEF	UBUS	7.61	1.81
tblVehicleEF	UBUS	1,705.12	324.23
tblVehicleEF	UBUS	144.21	17.56
tblVehicleEF	UBUS	0.95	0.04

tblVehicleEF	UBUS	11.88	0.17
tblVehicleEF	UBUS	0.49	0.02
tblVehicleEF	UBUS	0.01	2.2580e-003
tblVehicleEF	UBUS	5.9750e-003	4.4700e-004
tblVehicleEF	UBUS	1.6450e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.01
tblVehicleEF	UBUS	3.0000e-003	5.6500e-004
tblVehicleEF	UBUS	5.6750e-003	4.1100e-004
tblVehicleEF	UBUS	1.5130e-003	1.9700e-004
tblVehicleEF	UBUS	3.8210e-003	7.3900e-004
tblVehicleEF	UBUS	0.05	6.6420e-003
tblVehicleEF	UBUS	3.0710e-003	4.4000e-004
tblVehicleEF	UBUS	0.07	4.2680e-003
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.74	0.10
tblVehicleEF	UBUS	8.0310e-003	3.2090e-003
tblVehicleEF	UBUS	1.5830e-003	1.7400e-004
tblVehicleEF	UBUS	3.8210e-003	7.3900e-004
tblVehicleEF	UBUS	0.05	6.6420e-003
tblVehicleEF	UBUS	3.0710e-003	4.4000e-004
tblVehicleEF	UBUS	1.02	6.2280e-003
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.81	0.11
tblVehicleEF	UBUS	0.94	1.3220e-003
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.36	0.06
tblVehicleEF	UBUS	6.75	1.61
tblVehicleEF	UBUS	1,705.12	324.23
tblVehicleEF	UBUS	144.21	17.21
tblVehicleEF	UBUS	0.89	0.04
tblVehicleEF	UBUS	11.83	0.16

tblVehicleEF	UBUS	0.49	0.02
tblVehicleEF	UBUS	0.01	2.2580e-003
tblVehicleEF	UBUS	5.9750e-003	4.4700e-004
tblVehicleEF	UBUS	1.6450e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.01
tblVehicleEF	UBUS	3.0000e-003	5.6500e-004
tblVehicleEF	UBUS	5.6750e-003	4.1100e-004
tblVehicleEF	UBUS	1.5130e-003	1.9700e-004
tblVehicleEF	UBUS	5.2250e-003	1.0290e-003
tblVehicleEF	UBUS	0.05	6.9600e-003
tblVehicleEF	UBUS	4.1340e-003	6.3100e-004
tblVehicleEF	UBUS	0.07	4.3500e-003
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.68	0.09
tblVehicleEF	UBUS	8.0310e-003	3.2090e-003
tblVehicleEF	UBUS	1.5680e-003	1.7000e-004
tblVehicleEF	UBUS	5.2250e-003	1.0290e-003
tblVehicleEF	UBUS	0.05	6.9600e-003
tblVehicleEF	UBUS	4.1340e-003	6.3100e-004
tblVehicleEF	UBUS	1.02	6.3470e-003
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.75	0.10
tblVehicleEF	UBUS	0.94	1.2890e-003
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	4.36	0.06
tblVehicleEF	UBUS	7.76	1.85
tblVehicleEF	UBUS	1,705.12	324.23
tblVehicleEF	UBUS	144.21	17.62
tblVehicleEF	UBUS	0.93	0.04
tblVehicleEF	UBUS	11.89	0.17
tblVehicleEF	UBUS	0.49	0.02

tblVehicleEF	UBUS	0.01	2.2580e-003
tblVehicleEF	UBUS	5.9750e-003	4.4700e-004
tblVehicleEF	UBUS	1.6450e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.01
tblVehicleEF	UBUS	3.0000e-003	5.6500e-004
tblVehicleEF	UBUS	5.6750e-003	4.1100e-004
tblVehicleEF	UBUS	1.5130e-003	1.9700e-004
tblVehicleEF	UBUS	3.7200e-003	7.8700e-004
tblVehicleEF	UBUS	0.06	7.4990e-003
tblVehicleEF	UBUS	2.9220e-003	4.3800e-004
tblVehicleEF	UBUS	0.07	4.2490e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.75	0.10
tblVehicleEF	UBUS	8.0310e-003	3.2090e-003
tblVehicleEF	UBUS	1.5860e-003	1.7400e-004
tblVehicleEF	UBUS	3.7200e-003	7.8700e-004
tblVehicleEF	UBUS	0.06	7.4990e-003
tblVehicleEF	UBUS	2.9220e-003	4.3800e-004
tblVehicleEF	UBUS	1.02	6.2000e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.82	0.11
tblVehicleTrips	CC_TL	8.40	7.33
tblVehicleTrips	CNW_TL	6.90	7.33
tblVehicleTrips	CW_TL	16.60	7.33
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	49.97	20.00
tblVehicleTrips	SU_TR	25.24	4.91
tblVehicleTrips	WD_TR	42.70	17.57
tblWater	IndoorWaterUseRate	100,738,629.22	17,093,680.00

tblWater	OutdoorWaterUseRate	61,743,030.81	8,511,070.00
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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	lb/day										lb/day					
Area	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150
Energy	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Mobile	29.4607	63.1467	304.8885	1.0774	153.7684	0.6057	154.3742	41.0791	0.5685	41.6476		109,888.5636	109,888.5636	2.3790		109,948.0380
Total	61.5307	63.9254	306.4134	1.0821	153.7684	0.6674	154.4358	41.0791	0.6302	41.7093		110,815.3882	110,815.3882	2.4016	0.0170	110,880.4809

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150
Energy	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Mobile	29.4607	63.1467	304.8885	1.0774	153.7684	0.6057	154.3742	41.0791	0.5685	41.6476		109,888.5636	109,888.5636	2.3790		109,948.0380
Total	61.5307	63.9254	306.4134	1.0821	153.7684	0.6674	154.4358	41.0791	0.6302	41.7093		110,815.3882	110,815.3882	2.4016	0.0170	110,880.4809

	ROG	NOx	CO	SO2	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	lb/day										lb/day					
Mitigated	29.4607	63.1467	304.8885	1.0774	153.7684	0.6057	154.3742	41.0791	0.5685	41.6476		109,888.5636	109,888.5636	2.3790		109,948.0380
Unmitigated	29.4607	63.1467	304.8885	1.0774	153.7684	0.6057	154.3742	41.0791	0.5685	41.6476		109,888.5636	109,888.5636	2.3790		109,948.0380

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	23,900.00	27,204.00	6,672.00	58,460,796	58,460,796
Total	23,900.00	27,204.00	6,672.00	58,460,796	58,460,796

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
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	7.33	7.33	7.33	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Other Non-Asphalt Surfaces	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Parking Lot	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Regional Shopping Center	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741

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	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
NaturalGas Unmitigated	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

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					
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
Parking Lot	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
Regional Shopping Center	7861.92	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Total		0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

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					
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
Parking Lot	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
Regional Shopping Center	7.86192	0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279
Total		0.0848	0.7708	0.6475	4.6200e-003		0.0586	0.0586		0.0586	0.0586		924.9315	924.9315	0.0177	0.0170	930.4279

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	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150
Unmitigated	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.6313					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.2736					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0803	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150
Total	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.6313					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	28.2736					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0803	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150
Total	31.9852	7.8800e-003	0.8775	7.0000e-005		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		1.8930	1.8930	4.8800e-003		2.0150

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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Westminster Mall Existing Conditions at Buildout (2040) - Orange County, Annual

Westminster Mall Existing Conditions at Buildout (2040)
Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1,431.99	1000sqft	32.87	1,431,990.00	0
Other Non-Asphalt Surfaces	39.80	1000sqft	0.91	39,800.00	0
Parking Lot	5,818.00	1000sqft	53.43	2,327,200.00	0
Regional Shopping Center	1,360.00	1000sqft	15.61	1,360,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8			Operational Year	2040
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	510.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SCE 2018 Sustainability Report

Land Use - see assumptions file

Construction Phase -

Vehicle Trips - based on information from F&P

Area Coating - only accounts for parking area

Energy Use -

Water And Wastewater - see USS section for WSA values

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	227939	139632
tblLandUse	LandUseSquareFeet	5,818,000.00	2,327,200.00
tblLandUse	LotAcreage	133.56	53.43
tblLandUse	LotAcreage	31.22	15.61
tblProjectCharacteristics	CO2IntensityFactor	702.44	510.44
tblVehicleEF	HHD	0.27	0.03
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	1.22	6.25
tblVehicleEF	HHD	1.33	0.78
tblVehicleEF	HHD	5.58	0.01
tblVehicleEF	HHD	3,524.59	820.63
tblVehicleEF	HHD	1,507.73	1,059.15
tblVehicleEF	HHD	16.98	0.10
tblVehicleEF	HHD	10.22	5.07
tblVehicleEF	HHD	1.18	2.02
tblVehicleEF	HHD	18.50	2.49
tblVehicleEF	HHD	1.8500e-003	1.9340e-003
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.0000e-006
tblVehicleEF	HHD	1.7690e-003	1.8500e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.6770e-003	8.7530e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.0000e-006
tblVehicleEF	HHD	1.7200e-004	4.0000e-006
tblVehicleEF	HHD	6.7530e-003	1.3800e-004

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tblVehicleEF	HHD	1.3900e-004	3.0000e-006
tblVehicleEF	HHD	0.08	0.02
tblVehicleEF	HHD	6.3500e-004	6.7300e-004
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tblVehicleEF	HHD	0.01	9.0230e-003
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tblVehicleEF	HHD	1.7200e-004	4.0000e-006
tblVehicleEF	HHD	6.7530e-003	1.3800e-004
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tblVehicleEF	HHD	0.25	0.18
tblVehicleEF	HHD	6.3500e-004	6.7300e-004
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tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	1.0000e-006
tblVehicleEF	HHD	0.89	6.17
tblVehicleEF	HHD	1.34	0.78
tblVehicleEF	HHD	5.32	0.01
tblVehicleEF	HHD	3,733.99	810.24
tblVehicleEF	HHD	1,507.73	1,059.15
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tblVehicleEF	HHD	1.12	1.91
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tblVehicleEF	HHD	0.03	0.04
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tblVehicleEF	HHD	8.6770e-003	8.7530e-003
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tblVehicleEF	HHD	1,507.73	955.02

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tblVehicleEF	HHD	0.03	0.03
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tblVehicleEF	HHD	6.9900e-004	7.4100e-004
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tblVehicleEF	HHD	1.6100e-004	3.0000e-006
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tblVehicleEF	HHD	1.3600e-004	3.0000e-006
tblVehicleEF	HHD	0.25	0.02
tblVehicleEF	HHD	6.9900e-004	7.4100e-004
tblVehicleEF	HHD	0.10	4.0000e-006

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tblVehicleEF	LDT1	0.03	0.04
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tblVehicleEF	LDT2	0.02	0.11
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tblVehicleEF	LDT2	1.9820e-003	1.0020e-003
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tblVehicleEF	LDT2	0.38	0.46
tblVehicleEF	LDT2	0.51	1.84
tblVehicleEF	LDT2	240.01	217.88
tblVehicleEF	LDT2	52.36	44.64
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.02	0.12
tblVehicleEF	LDT2	8.2500e-004	6.7800e-004
tblVehicleEF	LDT2	1.1590e-003	7.9300e-004

tblVehicleEF	LDT2	7.5900e-004	6.2500e-004
tblVehicleEF	LDT2	1.0660e-003	7.2900e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	4.9370e-003	3.2350e-003
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4020e-003	2.1550e-003
tblVehicleEF	LDT2	5.3100e-004	4.4200e-004
tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.05
tblVehicleEF	LDT2	0.02	0.04
tblVehicleEF	LDT2	7.1930e-003	4.7060e-003
tblVehicleEF	LDT2	0.04	0.23
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LHD1	2.6490e-003	3.2970e-003
tblVehicleEF	LHD1	1.8170e-003	1.4850e-003
tblVehicleEF	LHD1	4.0590e-003	5.3970e-003
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.16
tblVehicleEF	LHD1	0.91	0.69
tblVehicleEF	LHD1	8.92	7.68
tblVehicleEF	LHD1	521.20	509.53
tblVehicleEF	LHD1	20.46	8.10
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.16	0.08
tblVehicleEF	LHD1	0.32	0.15
tblVehicleEF	LHD1	6.9800e-004	1.0730e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.8780e-003	3.7500e-003

tblVehicleEF	LHD1	4.2400e-004	1.6600e-004
tblVehicleEF	LHD1	6.6800e-004	1.0260e-003
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tblVehicleEF	LHD1	3.9000e-004	1.5300e-004
tblVehicleEF	LHD1	8.9900e-004	9.7800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.2700e-004	7.8300e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.07	0.15
tblVehicleEF	LHD1	0.05	0.02
tblVehicleEF	LHD1	8.8000e-005	7.4000e-005
tblVehicleEF	LHD1	5.0720e-003	4.9520e-003
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tblVehicleEF	LHD1	8.9900e-004	9.7800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.2700e-004	7.8300e-004
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tblVehicleEF	LHD1	0.07	0.15
tblVehicleEF	LHD1	0.06	0.03
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tblVehicleEF	LHD1	1.8270e-003	1.4960e-003
tblVehicleEF	LHD1	3.9220e-003	5.2290e-003
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tblVehicleEF	LHD1	0.18	0.16
tblVehicleEF	LHD1	0.88	0.66
tblVehicleEF	LHD1	8.92	7.68
tblVehicleEF	LHD1	521.20	509.53
tblVehicleEF	LHD1	20.46	8.06

tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.15	0.08
tblVehicleEF	LHD1	0.31	0.14
tblVehicleEF	LHD1	6.9800e-004	1.0730e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	4.8780e-003	3.7500e-003
tblVehicleEF	LHD1	4.2400e-004	1.6600e-004
tblVehicleEF	LHD1	6.6800e-004	1.0260e-003
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tblVehicleEF	LHD1	1.2600e-003	1.3760e-003
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tblVehicleEF	LHD1	9.6400e-004	1.0450e-003
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tblVehicleEF	LHD1	0.07	0.14
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tblVehicleEF	LHD1	8.8000e-005	7.4000e-005
tblVehicleEF	LHD1	5.0720e-003	4.9520e-003
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tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.6400e-004	1.0450e-003
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.07	0.14
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	2.6490e-003	3.2960e-003
tblVehicleEF	LHD1	1.8140e-003	1.4820e-003
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tblVehicleEF	LHD1	521.20	509.53
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tblVehicleEF	LHD1	6.6800e-004	1.0260e-003
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tblVehicleEF	LHD1	8.3800e-004	9.1800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	7.0700e-004	7.6500e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	0.08	0.16
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	8.8000e-005	7.4000e-005
tblVehicleEF	LHD1	5.0720e-003	4.9520e-003
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tblVehicleEF	LHD1	8.3800e-004	9.1800e-004
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.0700e-004	7.6500e-004

tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	0.08	0.16
tblVehicleEF	LHD1	0.06	0.03
tblVehicleEF	LHD2	2.1700e-003	2.2480e-003
tblVehicleEF	LHD2	1.6130e-003	1.6500e-003
tblVehicleEF	LHD2	2.0550e-003	3.2910e-003
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tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.80	0.43
tblVehicleEF	LHD2	13.31	12.00
tblVehicleEF	LHD2	561.16	517.25
tblVehicleEF	LHD2	21.12	5.87
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tblVehicleEF	LHD2	0.05	0.13
tblVehicleEF	LHD2	0.19	0.10
tblVehicleEF	LHD2	8.6600e-004	1.4830e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	9.2970e-003
tblVehicleEF	LHD2	3.8300e-004	1.0100e-004
tblVehicleEF	LHD2	8.2800e-004	1.4190e-003
tblVehicleEF	LHD2	2.7110e-003	2.7150e-003
tblVehicleEF	LHD2	4.9300e-003	8.8830e-003
tblVehicleEF	LHD2	3.5200e-004	9.3000e-005
tblVehicleEF	LHD2	5.1000e-004	6.2900e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	4.0700e-004	5.1200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.3000e-004	1.1500e-004

tblVehicleEF	LHD2	5.4510e-003	4.9850e-003
tblVehicleEF	LHD2	2.2400e-004	5.8000e-005
tblVehicleEF	LHD2	5.1000e-004	6.2900e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0700e-004	5.1200e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.02
tblVehicleEF	LHD2	2.1700e-003	2.2520e-003
tblVehicleEF	LHD2	1.6200e-003	1.6570e-003
tblVehicleEF	LHD2	2.0430e-003	3.1890e-003
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tblVehicleEF	LHD2	0.15	0.17
tblVehicleEF	LHD2	0.77	0.42
tblVehicleEF	LHD2	13.31	12.00
tblVehicleEF	LHD2	561.16	517.26
tblVehicleEF	LHD2	21.12	5.84
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.05	0.12
tblVehicleEF	LHD2	0.19	0.09
tblVehicleEF	LHD2	8.6600e-004	1.4830e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	9.2970e-003
tblVehicleEF	LHD2	3.8300e-004	1.0100e-004
tblVehicleEF	LHD2	8.2800e-004	1.4190e-003
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tblVehicleEF	LHD2	3.5200e-004	9.3000e-005
tblVehicleEF	LHD2	7.1900e-004	8.8500e-004
tblVehicleEF	LHD2	0.01	0.02

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tblVehicleEF	LHD2	5.4600e-004	6.8100e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.3000e-004	1.1500e-004
tblVehicleEF	LHD2	5.4510e-003	4.9850e-003
tblVehicleEF	LHD2	2.2400e-004	5.8000e-005
tblVehicleEF	LHD2	7.1900e-004	8.8500e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4600e-004	6.8100e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.09
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tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.05	0.12
tblVehicleEF	LHD2	0.19	0.10
tblVehicleEF	LHD2	8.6600e-004	1.4830e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	9.2970e-003
tblVehicleEF	LHD2	3.8300e-004	1.0100e-004

tblVehicleEF	LHD2	8.2800e-004	1.4190e-003
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tblVehicleEF	LHD2	3.5200e-004	9.3000e-005
tblVehicleEF	LHD2	4.8000e-004	5.8600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	3.9900e-004	4.9900e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.01
tblVehicleEF	LHD2	1.3000e-004	1.1500e-004
tblVehicleEF	LHD2	5.4510e-003	4.9850e-003
tblVehicleEF	LHD2	2.2400e-004	5.8000e-005
tblVehicleEF	LHD2	4.8000e-004	5.8600e-004
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9900e-004	4.9900e-004
tblVehicleEF	LHD2	0.03	0.03
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.02
tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.14	0.23
tblVehicleEF	MCY	16.89	16.92
tblVehicleEF	MCY	9.80	8.71
tblVehicleEF	MCY	179.88	214.11
tblVehicleEF	MCY	41.42	56.78
tblVehicleEF	MCY	1.11	1.11
tblVehicleEF	MCY	0.31	0.26
tblVehicleEF	MCY	2.4660e-003	2.4600e-003
tblVehicleEF	MCY	3.3730e-003	2.9620e-003

tblVehicleEF	MCY	2.2990e-003	2.2940e-003
tblVehicleEF	MCY	3.1470e-003	2.7640e-003
tblVehicleEF	MCY	1.15	1.18
tblVehicleEF	MCY	0.63	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.27	2.27
tblVehicleEF	MCY	0.45	1.20
tblVehicleEF	MCY	1.94	1.73
tblVehicleEF	MCY	2.1440e-003	2.1190e-003
tblVehicleEF	MCY	6.3100e-004	5.6200e-004
tblVehicleEF	MCY	1.15	1.18
tblVehicleEF	MCY	0.63	0.66
tblVehicleEF	MCY	0.68	0.70
tblVehicleEF	MCY	2.85	2.85
tblVehicleEF	MCY	0.45	1.20
tblVehicleEF	MCY	2.12	1.88
tblVehicleEF	MCY	0.48	0.33
tblVehicleEF	MCY	0.13	0.21
tblVehicleEF	MCY	16.35	16.38
tblVehicleEF	MCY	8.96	7.92
tblVehicleEF	MCY	179.88	213.10
tblVehicleEF	MCY	41.42	54.96
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.25
tblVehicleEF	MCY	2.4660e-003	2.4600e-003
tblVehicleEF	MCY	3.3730e-003	2.9620e-003
tblVehicleEF	MCY	2.2990e-003	2.2940e-003
tblVehicleEF	MCY	3.1470e-003	2.7640e-003
tblVehicleEF	MCY	1.73	1.77
tblVehicleEF	MCY	0.69	0.72
tblVehicleEF	MCY	1.06	1.08

tblVehicleEF	MCY	2.23	2.23
tblVehicleEF	MCY	0.42	1.10
tblVehicleEF	MCY	1.76	1.56
tblVehicleEF	MCY	2.1340e-003	2.1090e-003
tblVehicleEF	MCY	6.1200e-004	5.4400e-004
tblVehicleEF	MCY	1.73	1.77
tblVehicleEF	MCY	0.69	0.72
tblVehicleEF	MCY	1.06	1.08
tblVehicleEF	MCY	2.80	2.80
tblVehicleEF	MCY	0.42	1.10
tblVehicleEF	MCY	1.92	1.70
tblVehicleEF	MCY	0.49	0.34
tblVehicleEF	MCY	0.15	0.23
tblVehicleEF	MCY	16.97	17.00
tblVehicleEF	MCY	9.94	8.85
tblVehicleEF	MCY	179.88	214.26
tblVehicleEF	MCY	41.42	57.11
tblVehicleEF	MCY	1.08	1.08
tblVehicleEF	MCY	0.31	0.27
tblVehicleEF	MCY	2.4660e-003	2.4600e-003
tblVehicleEF	MCY	3.3730e-003	2.9620e-003
tblVehicleEF	MCY	2.2990e-003	2.2940e-003
tblVehicleEF	MCY	3.1470e-003	2.7640e-003
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tblVehicleEF	MCY	0.79	0.82
tblVehicleEF	MCY	0.70	0.72
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tblVehicleEF	MCY	0.54	1.43
tblVehicleEF	MCY	1.98	1.76
tblVehicleEF	MCY	2.1460e-003	2.1200e-003
tblVehicleEF	MCY	6.3500e-004	5.6500e-004

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tblVehicleEF	MCY	0.79	0.82
tblVehicleEF	MCY	0.70	0.72
tblVehicleEF	MCY	2.86	2.86
tblVehicleEF	MCY	0.54	1.43
tblVehicleEF	MCY	2.15	1.92
tblVehicleEF	MDV	2.8560e-003	1.0890e-003
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tblVehicleEF	MDV	0.48	0.48
tblVehicleEF	MDV	0.71	1.80
tblVehicleEF	MDV	323.90	268.50
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tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.04	0.13
tblVehicleEF	MDV	9.1200e-004	6.8800e-004
tblVehicleEF	MDV	1.2590e-003	8.1300e-004
tblVehicleEF	MDV	8.4000e-004	6.3400e-004
tblVehicleEF	MDV	1.1580e-003	7.4700e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	7.2110e-003	3.6110e-003
tblVehicleEF	MDV	0.05	0.21
tblVehicleEF	MDV	0.03	0.10
tblVehicleEF	MDV	3.2370e-003	2.6530e-003
tblVehicleEF	MDV	6.9600e-004	5.2500e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	5.2490e-003
tblVehicleEF	MDV	0.05	0.21

tblVehicleEF	MDV	0.04	0.11
tblVehicleEF	MDV	3.0180e-003	1.1600e-003
tblVehicleEF	MDV	2.2310e-003	0.02
tblVehicleEF	MDV	0.52	0.52
tblVehicleEF	MDV	0.64	1.55
tblVehicleEF	MDV	336.82	275.32
tblVehicleEF	MDV	68.48	52.65
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.04	0.12
tblVehicleEF	MDV	9.1200e-004	6.8800e-004
tblVehicleEF	MDV	1.2590e-003	8.1300e-004
tblVehicleEF	MDV	8.4000e-004	6.3400e-004
tblVehicleEF	MDV	1.1580e-003	7.4700e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	7.6120e-003	3.8060e-003
tblVehicleEF	MDV	0.05	0.19
tblVehicleEF	MDV	0.03	0.09
tblVehicleEF	MDV	3.3670e-003	2.7210e-003
tblVehicleEF	MDV	6.9500e-004	5.2100e-004
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.08	0.07
tblVehicleEF	MDV	0.07	0.08
tblVehicleEF	MDV	0.01	5.5350e-003
tblVehicleEF	MDV	0.05	0.19
tblVehicleEF	MDV	0.03	0.10
tblVehicleEF	MDV	2.8010e-003	1.0660e-003
tblVehicleEF	MDV	2.4850e-003	0.03
tblVehicleEF	MDV	0.47	0.46
tblVehicleEF	MDV	0.73	1.85

tblVehicleEF	MDV	319.13	265.99
tblVehicleEF	MDV	68.48	53.16
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.04	0.13
tblVehicleEF	MDV	9.1200e-004	6.8800e-004
tblVehicleEF	MDV	1.2590e-003	8.1300e-004
tblVehicleEF	MDV	8.4000e-004	6.3400e-004
tblVehicleEF	MDV	1.1580e-003	7.4700e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	7.0760e-003	3.5460e-003
tblVehicleEF	MDV	0.06	0.24
tblVehicleEF	MDV	0.03	0.11
tblVehicleEF	MDV	3.1890e-003	2.6280e-003
tblVehicleEF	MDV	6.9600e-004	5.2600e-004
tblVehicleEF	MDV	0.04	0.05
tblVehicleEF	MDV	0.09	0.07
tblVehicleEF	MDV	0.05	0.06
tblVehicleEF	MDV	0.01	5.1530e-003
tblVehicleEF	MDV	0.06	0.25
tblVehicleEF	MDV	0.04	0.12
tblVehicleEF	MH	3.5000e-003	2.1940e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	2.99	0.00
tblVehicleEF	MH	1,058.61	811.04
tblVehicleEF	MH	55.54	0.00
tblVehicleEF	MH	0.56	2.27
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tblVehicleEF	MH	8.6700e-004	0.00
tblVehicleEF	MH	3.2220e-003	4.0000e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.1200e-003	0.00
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.01	7.6670e-003
tblVehicleEF	MH	6.0700e-004	0.00
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.1200e-003	0.00
tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MH	3.5630e-003	2.1940e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	2.84	0.00
tblVehicleEF	MH	1,058.61	811.04
tblVehicleEF	MH	55.54	0.00
tblVehicleEF	MH	0.53	2.15
tblVehicleEF	MH	0.49	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	0.00
tblVehicleEF	MH	3.2220e-003	4.0000e-003

tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	0.00
tblVehicleEF	MH	0.44	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.0230e-003	0.00
tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.01	7.6670e-003
tblVehicleEF	MH	6.0500e-004	0.00
tblVehicleEF	MH	0.44	0.00
tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.26	0.00
tblVehicleEF	MH	0.02	0.05
tblVehicleEF	MH	3.0230e-003	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	3.4810e-003	2.1940e-003
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.18	0.16
tblVehicleEF	MH	3.02	0.00
tblVehicleEF	MH	1,058.61	811.04
tblVehicleEF	MH	55.54	0.00
tblVehicleEF	MH	0.55	2.23
tblVehicleEF	MH	0.52	0.00
tblVehicleEF	MH	0.01	0.02
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	0.00
tblVehicleEF	MH	3.2220e-003	4.0000e-003
tblVehicleEF	MH	6.0820e-003	0.03
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tblVehicleEF	MH	0.30	0.00

tblVehicleEF	MH	0.02	0.00
tblVehicleEF	MH	0.19	0.00
tblVehicleEF	MH	0.02	0.05
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tblVehicleEF	MH	0.18	0.00
tblVehicleEF	MH	0.01	7.6670e-003
tblVehicleEF	MH	6.0800e-004	0.00
tblVehicleEF	MH	0.30	0.00
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tblVehicleEF	MH	0.02	0.05
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tblVehicleEF	MH	0.20	0.00
tblVehicleEF	MHD	0.02	3.0840e-003
tblVehicleEF	MHD	1.6340e-003	5.3700e-004
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tblVehicleEF	MHD	3.2000e-005	6.0000e-005
tblVehicleEF	MHD	2.7430e-003	6.5050e-003
tblVehicleEF	MHD	6.6800e-004	8.8000e-005
tblVehicleEF	MHD	3.0000e-005	5.8000e-005
tblVehicleEF	MHD	2.6210e-003	6.2200e-003
tblVehicleEF	MHD	6.1400e-004	8.1000e-005

tblVehicleEF	MHD	5.9800e-004	3.2600e-004
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tblVehicleEF	MHD	0.02	0.01
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tblVehicleEF	MHD	0.01	7.3950e-003
tblVehicleEF	MHD	5.2200e-004	6.6000e-005
tblVehicleEF	MHD	5.9800e-004	3.2600e-004
tblVehicleEF	MHD	0.02	0.01
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tblVehicleEF	MHD	4.8700e-004	2.6800e-004
tblVehicleEF	MHD	0.03	8.5520e-003
tblVehicleEF	MHD	9.7940e-003	0.07
tblVehicleEF	MHD	0.18	0.04
tblVehicleEF	MHD	0.02	2.9350e-003
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tblVehicleEF	MHD	2.7000e-005	5.4000e-005
tblVehicleEF	MHD	2.7430e-003	6.5050e-003

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tblVehicleEF	MHD	2.6210e-003	6.2200e-003
tblVehicleEF	MHD	6.1400e-004	8.1000e-005
tblVehicleEF	MHD	8.4300e-004	4.5900e-004
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tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	6.4800e-004	3.5600e-004
tblVehicleEF	MHD	0.03	7.2750e-003
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tblVehicleEF	MHD	0.15	0.03
tblVehicleEF	MHD	1.5580e-003	4.2500e-004
tblVehicleEF	MHD	0.01	7.3950e-003
tblVehicleEF	MHD	5.2000e-004	6.5000e-005
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tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	6.4800e-004	3.5600e-004
tblVehicleEF	MHD	0.03	8.5790e-003
tblVehicleEF	MHD	9.3880e-003	0.06
tblVehicleEF	MHD	0.17	0.03
tblVehicleEF	MHD	0.02	3.3000e-003
tblVehicleEF	MHD	1.6320e-003	5.3400e-004
tblVehicleEF	MHD	0.03	6.6230e-003
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tblVehicleEF	MHD	2.7430e-003	6.5050e-003
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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	4.7500e-004	2.6100e-004
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tblVehicleEF	MHD	0.01	7.3950e-003
tblVehicleEF	MHD	5.2200e-004	6.6000e-005
tblVehicleEF	MHD	5.5800e-004	3.0200e-004
tblVehicleEF	MHD	0.03	0.01
tblVehicleEF	MHD	0.03	0.02
tblVehicleEF	MHD	4.7500e-004	2.6100e-004
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tblVehicleEF	OBUS	1.4210e-003	1.4840e-003
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tblVehicleEF	OBUS	0.03	0.05
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tblVehicleEF	SBUS	1.5060e-003	1.4400e-004
tblVehicleEF	SBUS	1.2400e-004	3.0800e-004
tblVehicleEF	SBUS	2.5630e-003	2.5310e-003
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tblVehicleEF	SBUS	4.2360e-003	1.8060e-003
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tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.35	0.05
tblVehicleEF	SBUS	9.4990e-003	2.9780e-003
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tblVehicleEF	SBUS	7.8900e-004	7.9000e-005
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tblVehicleEF	SBUS	4.2360e-003	1.8060e-003
tblVehicleEF	SBUS	0.05	0.02
tblVehicleEF	SBUS	0.02	0.10
tblVehicleEF	SBUS	0.38	0.06
tblVehicleEF	SBUS	0.84	0.13
tblVehicleEF	SBUS	3.6400e-003	1.6610e-003
tblVehicleEF	SBUS	0.05	0.01
tblVehicleEF	SBUS	10.07	5.10
tblVehicleEF	SBUS	0.26	0.17
tblVehicleEF	SBUS	6.75	1.33
tblVehicleEF	SBUS	875.85	315.12
tblVehicleEF	SBUS	973.77	835.17
tblVehicleEF	SBUS	69.27	8.39
tblVehicleEF	SBUS	1.66	1.25
tblVehicleEF	SBUS	0.80	1.07
tblVehicleEF	SBUS	9.21	1.76
tblVehicleEF	SBUS	1.5700e-004	3.7600e-004

tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	3.5540e-003
tblVehicleEF	SBUS	1.5060e-003	1.4400e-004
tblVehicleEF	SBUS	1.5000e-004	3.6000e-004
tblVehicleEF	SBUS	2.5630e-003	2.5310e-003
tblVehicleEF	SBUS	2.4180e-003	3.3740e-003
tblVehicleEF	SBUS	1.3850e-003	1.3300e-004
tblVehicleEF	SBUS	4.9380e-003	2.0700e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.22	0.58
tblVehicleEF	SBUS	3.0650e-003	1.3100e-003
tblVehicleEF	SBUS	0.04	0.01
tblVehicleEF	SBUS	0.03	0.14
tblVehicleEF	SBUS	0.39	0.06
tblVehicleEF	SBUS	8.7140e-003	3.0300e-003
tblVehicleEF	SBUS	9.4130e-003	8.0450e-003
tblVehicleEF	SBUS	8.1000e-004	8.3000e-005
tblVehicleEF	SBUS	4.9380e-003	2.0700e-003
tblVehicleEF	SBUS	0.04	0.02
tblVehicleEF	SBUS	1.77	0.84
tblVehicleEF	SBUS	3.0650e-003	1.3100e-003
tblVehicleEF	SBUS	0.05	0.02
tblVehicleEF	SBUS	0.03	0.14
tblVehicleEF	SBUS	0.43	0.07
tblVehicleEF	UBUS	0.94	1.2950e-003
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.36	0.06
tblVehicleEF	UBUS	7.61	1.81
tblVehicleEF	UBUS	1,705.12	324.23
tblVehicleEF	UBUS	144.21	17.56
tblVehicleEF	UBUS	0.95	0.04

tblVehicleEF	UBUS	11.88	0.17
tblVehicleEF	UBUS	0.49	0.02
tblVehicleEF	UBUS	0.01	2.2580e-003
tblVehicleEF	UBUS	5.9750e-003	4.4700e-004
tblVehicleEF	UBUS	1.6450e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.01
tblVehicleEF	UBUS	3.0000e-003	5.6500e-004
tblVehicleEF	UBUS	5.6750e-003	4.1100e-004
tblVehicleEF	UBUS	1.5130e-003	1.9700e-004
tblVehicleEF	UBUS	3.8210e-003	7.3900e-004
tblVehicleEF	UBUS	0.05	6.6420e-003
tblVehicleEF	UBUS	3.0710e-003	4.4000e-004
tblVehicleEF	UBUS	0.07	4.2680e-003
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.74	0.10
tblVehicleEF	UBUS	8.0310e-003	3.2090e-003
tblVehicleEF	UBUS	1.5830e-003	1.7400e-004
tblVehicleEF	UBUS	3.8210e-003	7.3900e-004
tblVehicleEF	UBUS	0.05	6.6420e-003
tblVehicleEF	UBUS	3.0710e-003	4.4000e-004
tblVehicleEF	UBUS	1.02	6.2280e-003
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.81	0.11
tblVehicleEF	UBUS	0.94	1.3220e-003
tblVehicleEF	UBUS	0.05	0.02
tblVehicleEF	UBUS	4.36	0.06
tblVehicleEF	UBUS	6.75	1.61
tblVehicleEF	UBUS	1,705.12	324.23
tblVehicleEF	UBUS	144.21	17.21
tblVehicleEF	UBUS	0.89	0.04
tblVehicleEF	UBUS	11.83	0.16

tblVehicleEF	UBUS	0.49	0.02
tblVehicleEF	UBUS	0.01	2.2580e-003
tblVehicleEF	UBUS	5.9750e-003	4.4700e-004
tblVehicleEF	UBUS	1.6450e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.01
tblVehicleEF	UBUS	3.0000e-003	5.6500e-004
tblVehicleEF	UBUS	5.6750e-003	4.1100e-004
tblVehicleEF	UBUS	1.5130e-003	1.9700e-004
tblVehicleEF	UBUS	5.2250e-003	1.0290e-003
tblVehicleEF	UBUS	0.05	6.9600e-003
tblVehicleEF	UBUS	4.1340e-003	6.3100e-004
tblVehicleEF	UBUS	0.07	4.3500e-003
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.68	0.09
tblVehicleEF	UBUS	8.0310e-003	3.2090e-003
tblVehicleEF	UBUS	1.5680e-003	1.7000e-004
tblVehicleEF	UBUS	5.2250e-003	1.0290e-003
tblVehicleEF	UBUS	0.05	6.9600e-003
tblVehicleEF	UBUS	4.1340e-003	6.3100e-004
tblVehicleEF	UBUS	1.02	6.3470e-003
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.75	0.10
tblVehicleEF	UBUS	0.94	1.2890e-003
tblVehicleEF	UBUS	0.06	0.02
tblVehicleEF	UBUS	4.36	0.06
tblVehicleEF	UBUS	7.76	1.85
tblVehicleEF	UBUS	1,705.12	324.23
tblVehicleEF	UBUS	144.21	17.62
tblVehicleEF	UBUS	0.93	0.04
tblVehicleEF	UBUS	11.89	0.17
tblVehicleEF	UBUS	0.49	0.02

tblVehicleEF	UBUS	0.01	2.2580e-003
tblVehicleEF	UBUS	5.9750e-003	4.4700e-004
tblVehicleEF	UBUS	1.6450e-003	2.1400e-004
tblVehicleEF	UBUS	0.21	0.01
tblVehicleEF	UBUS	3.0000e-003	5.6500e-004
tblVehicleEF	UBUS	5.6750e-003	4.1100e-004
tblVehicleEF	UBUS	1.5130e-003	1.9700e-004
tblVehicleEF	UBUS	3.7200e-003	7.8700e-004
tblVehicleEF	UBUS	0.06	7.4990e-003
tblVehicleEF	UBUS	2.9220e-003	4.3800e-004
tblVehicleEF	UBUS	0.07	4.2490e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.75	0.10
tblVehicleEF	UBUS	8.0310e-003	3.2090e-003
tblVehicleEF	UBUS	1.5860e-003	1.7400e-004
tblVehicleEF	UBUS	3.7200e-003	7.8700e-004
tblVehicleEF	UBUS	0.06	7.4990e-003
tblVehicleEF	UBUS	2.9220e-003	4.3800e-004
tblVehicleEF	UBUS	1.02	6.2000e-003
tblVehicleEF	UBUS	0.02	0.05
tblVehicleEF	UBUS	0.82	0.11
tblVehicleTrips	CC_TL	8.40	7.33
tblVehicleTrips	CNW_TL	6.90	7.33
tblVehicleTrips	CW_TL	16.60	7.33
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	49.97	20.00
tblVehicleTrips	SU_TR	25.24	4.91
tblVehicleTrips	WD_TR	42.70	17.57
tblWater	IndoorWaterUseRate	100,738,629.22	17,093,680.00

tblWater	OutdoorWaterUseRate	61,743,030.81	8,511,070.00
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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	5.8327	9.9000e-004	0.1097	1.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	0.2147	0.2147	5.5000e-004	0.0000	0.2285
Energy	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	4,859.3237	4,859.3237	0.2703	0.0581	4,883.4032
Mobile	4.0579	9.3687	45.9113	0.1593	22.1489	0.0888	22.2378	5.9262	0.0834	6.0096	0.0000	14,878.3776	14,878.3776	0.5205	0.0000	14,891.3901
Waste						0.0000	0.0000		0.0000	0.0000	289.8711	0.0000	289.8711	17.1309	0.0000	718.1434
Water						0.0000	0.0000		0.0000	0.0000	5.4230	73.4268	78.8498	0.5612	0.0140	97.0555
Total	9.9060	9.5103	46.1391	0.1602	22.1489	0.0999	22.2489	5.9262	0.0945	6.0207	295.2941	19,811.3427	20,106.6368	18.4834	0.0722	20,590.2207

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	5.8327	9.9000e-004	0.1097	1.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	0.2147	0.2147	5.5000e-004	0.0000	0.2285
Energy	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	4,859.3237	4,859.3237	0.2703	0.0581	4,883.4032
Mobile	4.0579	9.3687	45.9113	0.1593	22.1489	0.0888	22.2378	5.9262	0.0834	6.0096	0.0000	14,878.3776	14,878.3776	0.5205	0.0000	14,891.3901
Waste						0.0000	0.0000		0.0000	0.0000	289.8711	0.0000	289.8711	17.1309	0.0000	718.1434
Water						0.0000	0.0000		0.0000	0.0000	5.4230	73.4268	78.8498	0.5612	0.0140	97.0555
Total	9.9060	9.5103	46.1391	0.1602	22.1489	0.0999	22.2489	5.9262	0.0945	6.0207	295.2941	19,811.3427	20,106.6368	18.4834	0.0722	20,590.2207

	ROG	NOx	CO	SO2	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	4.0579	9.3687	45.9113	0.1593	22.1489	0.0888	22.2378	5.9262	0.0834	6.0096	0.0000	14,878.3776	14,878.3776	0.5205	0.0000	14,891.3901
Unmitigated	4.0579	9.3687	45.9113	0.1593	22.1489	0.0888	22.2378	5.9262	0.0834	6.0096	0.0000	14,878.3776	14,878.3776	0.5205	0.0000	14,891.3901

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	23,900.00	27,204.00	6,672.00	58,460,796	58,460,796
Total	23,900.00	27,204.00	6,672.00	58,460,796	58,460,796

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
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	7.33	7.33	7.33	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741

Other Non-Asphalt Surfaces	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Parking Lot	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Regional Shopping Center	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741

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	4,706.1909	4,706.1909	0.2674	0.0553	4,729.3605
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	4,706.1909	4,706.1909	0.2674	0.0553	4,729.3605
NaturalGas Mitigated	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428
NaturalGas Unmitigated	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428

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					
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
Parking Lot	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
Regional Shopping Center	2.8696e+006	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428
Total		0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428

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					
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
Parking Lot	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
Regional Shopping Center	2.8696e+006	0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428
Total		0.0155	0.1407	0.1182	8.4000e-004		0.0107	0.0107		0.0107	0.0107	0.0000	153.1328	153.1328	2.9400e-003	2.8100e-003	154.0428

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
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
Parking Lot	2.04794e+006	474.1621	0.0269	5.5700e-003	476.4965
Regional Shopping Center	1.82784e+007	4,232.0288	0.2404	0.0498	4,252.8640
Total		4,706.1909	0.2674	0.0553	4,729.3605

Mitigated

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

Parking Lot	2.04794e+006	474.1621	0.0269	5.5700e-003	476.4965
Regional Shopping Center	1.82784e+007	4,232.0288	0.2404	0.0498	4,252.8640
Total		4,706.1909	0.2674	0.0553	4,729.3605

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	5.8327	9.9000e-004	0.1097	1.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	0.2147	0.2147	5.5000e-004	0.0000	0.2285
Unmitigated	5.8327	9.9000e-004	0.1097	1.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	0.2147	0.2147	5.5000e-004	0.0000	0.2285

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	0.6627					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.1599					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0100	9.9000e-004	0.1097	1.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	0.2147	0.2147	5.5000e-004	0.0000	0.2285
Total	5.8327	9.9000e-004	0.1097	1.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	0.2147	0.2147	5.5000e-004	0.0000	0.2285

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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SubCategory	tons/yr								MT/yr							
Architectural Coating	0.6627					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Consumer Products	5.1599					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Landscaping	0.0100	9.9000e-004	0.1097	1.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	0.2147	0.2147	5.5000e-004	0.0000	0.2285
Total	5.8327	9.9000e-004	0.1097	1.0000e-005		3.9000e-004	3.9000e-004		3.9000e-004	3.9000e-004	0.0000	0.2147	0.2147	5.5000e-004	0.0000	0.2285

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	78.8498	0.5612	0.0140	97.0555
Unmitigated	78.8498	0.5612	0.0140	97.0555

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
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
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	17.0937 / 8.51107	78.8498	0.5612	0.0140	97.0555
Total		78.8498	0.5612	0.0140	97.0555

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
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
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	17.0937 / 8.51107	78.8498	0.5612	0.0140	97.0555
Total		78.8498	0.5612	0.0140	97.0555

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	289.8711	17.1309	0.0000	718.1434
Unmitigated	289.8711	17.1309	0.0000	718.1434

8.2 Waste by Land Use

Unmitigated

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

Regional Shopping Center	1428	289.8711	17.1309	0.0000	718.1434
Total		289.8711	17.1309	0.0000	718.1434

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4 MT/yr	N2O MT/yr	CO2e MT/yr
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
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1428	289.8711	17.1309	0.0000	718.1434
Total		289.8711	17.1309	0.0000	718.1434

9.0 Operational Offroad

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

Operational Emissions

Westminster Mall Operations - Orange County, Summer

**Westminster Mall Operations
Orange County, Summer**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	180.00	1000sqft	2.07	180,000.00	0
Enclosed Parking with Elevator	1,825.76	1000sqft	8.38	1,825,760.00	0
Enclosed Parking with Elevator	342.33	1000sqft	3.93	342,330.00	0
Enclosed Parking with Elevator	342.33	1000sqft	0.00	342,330.00	0
Enclosed Parking with Elevator	798.77	1000sqft	0.00	798,770.00	0
Enclosed Parking with Elevator	798.77	1000sqft	4.58	798,770.00	0
Enclosed Parking with Elevator	880.77	1000sqft	20.22	880,773.00	0
Enclosed Parking with Elevator	1,168.41	1000sqft	28.03	1,168,407.00	0
Parking Lot	456.44	1000sqft	10.48	456,440.00	0
Hotel	425.00	Room	1.79	233,750.00	0
Apartments High Rise	1,500.00	Dwelling Unit	3.83	1,500,000.00	4290
Apartments Mid Rise	1,200.00	Dwelling Unit	5.51	1,200,000.00	3432
Condo/Townhouse	300.00	Dwelling Unit	2.30	300,000.00	858
Regional Shopping Center	1,020.00	1000sqft	11.71	1,020,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8	Operational Year	2040		
Utility Company	Southern California Edison				

CO2 Intensity (lb/MWhr) 510.44

CH4 Intensity (lb/MWhr) 0.029

N2O Intensity (lb/MWhr) 0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2018 SCE Sustainability Report

Land Use - see assumptions file for calculations

Construction Phase -

Vehicle Trips - based on data from F&P

Woodstoves - no fireplaces

Area Coating - only accounts for parking area

Energy Use - T24 30% reduction applied to nonres and res structures 4 stories or taller

Water And Wastewater - see USS section for WSA values

Solid Waste -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	396815	273864
tblEnergyUse	T24E	179.76	125.83
tblEnergyUse	T24E	179.76	125.83
tblEnergyUse	T24E	3.92	2.74
tblEnergyUse	T24E	4.71	3.30
tblEnergyUse	T24E	2.77	1.94
tblEnergyUse	T24E	2.93	2.05
tblEnergyUse	T24NG	5,911.46	4,138.02
tblEnergyUse	T24NG	5,911.46	4,138.02
tblEnergyUse	T24NG	8.59	6.01
tblEnergyUse	T24NG	29.10	20.37
tblEnergyUse	T24NG	0.95	0.67
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

tblFireplaces	NumberGas	1,275.00	0.00
tblFireplaces	NumberGas	1,020.00	0.00
tblFireplaces	NumberGas	255.00	0.00
tblFireplaces	NumberNoFireplace	150.00	0.00
tblFireplaces	NumberNoFireplace	120.00	0.00
tblFireplaces	NumberNoFireplace	30.00	0.00
tblFireplaces	NumberWood	75.00	0.00
tblFireplaces	NumberWood	60.00	0.00
tblFireplaces	NumberWood	15.00	0.00
tblLandUse	LandUseSquareFeet	1,168,410.00	1,168,407.00
tblLandUse	LandUseSquareFeet	880,770.00	880,773.00
tblLandUse	LandUseSquareFeet	617,100.00	233,750.00
tblLandUse	LotAcreage	4.13	2.07
tblLandUse	LotAcreage	26.82	28.03
tblLandUse	LotAcreage	41.91	8.38
tblLandUse	LotAcreage	7.86	3.93
tblLandUse	LotAcreage	7.86	0.00
tblLandUse	LotAcreage	18.34	0.00
tblLandUse	LotAcreage	18.34	4.58
tblLandUse	LotAcreage	14.17	1.79
tblLandUse	LotAcreage	24.19	3.83
tblLandUse	LotAcreage	31.58	5.51
tblLandUse	LotAcreage	18.75	2.30
tblLandUse	LotAcreage	23.42	11.71
tblProjectCharacteristics	CO2IntensityFactor	702.44	510.44
tblVehicleEF	HHD	0.27	0.68
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	0.09
tblVehicleEF	HHD	1.22	2.50
tblVehicleEF	HHD	1.33	1.28
tblVehicleEF	HHD	5.58	4.02

tblVehicleEF	HHD	3,524.59	4,165.36
tblVehicleEF	HHD	1,507.73	1,705.02
tblVehicleEF	HHD	16.98	12.47
tblVehicleEF	HHD	10.22	21.32
tblVehicleEF	HHD	1.18	4.38
tblVehicleEF	HHD	18.50	19.32
tblVehicleEF	HHD	1.8500e-003	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.2400e-004
tblVehicleEF	HHD	1.7690e-003	0.02
tblVehicleEF	HHD	8.6770e-003	8.6780e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.1400e-004
tblVehicleEF	HHD	1.7200e-004	1.2700e-004
tblVehicleEF	HHD	6.7530e-003	5.4480e-003
tblVehicleEF	HHD	0.30	0.60
tblVehicleEF	HHD	1.3900e-004	9.4000e-005
tblVehicleEF	HHD	0.08	0.14
tblVehicleEF	HHD	6.3500e-004	5.1600e-004
tblVehicleEF	HHD	0.09	0.11
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	2.6000e-004	1.9100e-004
tblVehicleEF	HHD	1.7200e-004	1.2700e-004
tblVehicleEF	HHD	6.7530e-003	5.4480e-003
tblVehicleEF	HHD	0.36	0.72
tblVehicleEF	HHD	1.3900e-004	9.4000e-005
tblVehicleEF	HHD	0.25	0.31
tblVehicleEF	HHD	6.3500e-004	5.1600e-004

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tblVehicleEF	HHD	0.26	0.64
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	0.09
tblVehicleEF	HHD	0.89	1.82
tblVehicleEF	HHD	1.34	1.29
tblVehicleEF	HHD	5.32	3.83
tblVehicleEF	HHD	3,733.99	4,410.69
tblVehicleEF	HHD	1,507.73	1,705.02
tblVehicleEF	HHD	16.98	12.47
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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.2400e-004
tblVehicleEF	HHD	1.4920e-003	0.02
tblVehicleEF	HHD	8.6770e-003	8.6780e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.1400e-004
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tblVehicleEF	HHD	6.8640e-003	5.5360e-003
tblVehicleEF	HHD	0.28	0.57
tblVehicleEF	HHD	1.8600e-004	1.3500e-004
tblVehicleEF	HHD	0.08	0.14
tblVehicleEF	HHD	6.0800e-004	5.0200e-004
tblVehicleEF	HHD	0.09	0.10
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	0.01	0.02

tblVehicleEF	HHD	2.5600e-004	1.8800e-004
tblVehicleEF	HHD	2.4200e-004	1.8300e-004
tblVehicleEF	HHD	6.8640e-003	5.5360e-003
tblVehicleEF	HHD	0.34	0.68
tblVehicleEF	HHD	1.8600e-004	1.3500e-004
tblVehicleEF	HHD	0.25	0.31
tblVehicleEF	HHD	6.0800e-004	5.0200e-004
tblVehicleEF	HHD	0.10	0.11
tblVehicleEF	HHD	0.30	0.73
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tblVehicleEF	HHD	3,235.42	3,826.56
tblVehicleEF	HHD	1,507.73	1,705.02
tblVehicleEF	HHD	16.98	12.47
tblVehicleEF	HHD	9.77	20.38
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tblVehicleEF	HHD	18.51	19.33
tblVehicleEF	HHD	2.2500e-003	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.2400e-004
tblVehicleEF	HHD	2.1530e-003	0.03
tblVehicleEF	HHD	8.6770e-003	8.6780e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.1400e-004
tblVehicleEF	HHD	1.6100e-004	1.2800e-004
tblVehicleEF	HHD	7.0210e-003	5.9880e-003

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tblVehicleEF	HHD	1.3600e-004	9.6000e-005
tblVehicleEF	HHD	0.08	0.14
tblVehicleEF	HHD	6.9900e-004	5.5700e-004
tblVehicleEF	HHD	0.10	0.11
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	2.6100e-004	1.9200e-004
tblVehicleEF	HHD	1.6100e-004	1.2800e-004
tblVehicleEF	HHD	7.0210e-003	5.9880e-003
tblVehicleEF	HHD	0.39	0.77
tblVehicleEF	HHD	1.3600e-004	9.6000e-005
tblVehicleEF	HHD	0.25	0.31
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tblVehicleEF	HHD	0.10	0.12
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tblVehicleEF	LDA	6.4600e-004	5.9450e-003
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tblVehicleEF	LDA	35.50	60.47
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	0.01	0.08
tblVehicleEF	LDA	6.9300e-004	1.9490e-003
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tblVehicleEF	LDA	9.0300e-004	2.1100e-003
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tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	3.3450e-003	0.01

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7150e-003	0.08
tblVehicleEF	LDA	1.6680e-003	2.7500e-003
tblVehicleEF	LDA	3.6000e-004	6.2500e-004
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.01	0.04
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tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.5420e-003	0.09
tblVehicleEF	LDA	1.4090e-003	5.0430e-003
tblVehicleEF	LDA	5.8300e-004	5.3400e-003
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tblVehicleEF	LDA	0.28	1.06
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tblVehicleEF	LDA	0.02	0.05
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tblVehicleEF	LDA	6.9300e-004	1.9490e-003
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tblVehicleEF	LDA	6.3800e-004	1.7970e-003
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tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	3.5380e-003	0.01
tblVehicleEF	LDA	0.03	0.04
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tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	5.1440e-003	0.02
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.6060e-003	0.08
tblVehicleEF	LDA	1.3050e-003	4.6870e-003
tblVehicleEF	LDA	6.5900e-004	6.0690e-003
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tblVehicleEF	LDA	0.33	1.26
tblVehicleEF	LDA	164.22	270.36
tblVehicleEF	LDA	35.50	60.47
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	0.01	0.08
tblVehicleEF	LDA	6.9300e-004	1.9490e-003
tblVehicleEF	LDA	9.8200e-004	2.2950e-003
tblVehicleEF	LDA	6.3800e-004	1.7970e-003
tblVehicleEF	LDA	9.0300e-004	2.1100e-003
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tblVehicleEF	LDA	0.03	0.11
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	3.2800e-003	0.01
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	8.8910e-003	0.08
tblVehicleEF	LDA	1.6420e-003	2.7070e-003
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tblVehicleEF	LDA	9.9660e-003	0.04
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tblVehicleEF	LDA	0.01	0.04
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tblVehicleEF	LDT1	1.9890e-003	0.01
tblVehicleEF	LDT1	1.3620e-003	0.02
tblVehicleEF	LDT1	0.35	1.30
tblVehicleEF	LDT1	0.51	3.03
tblVehicleEF	LDT1	214.31	333.96
tblVehicleEF	LDT1	46.84	73.56
tblVehicleEF	LDT1	0.02	0.12
tblVehicleEF	LDT1	0.02	0.18
tblVehicleEF	LDT1	9.0100e-004	2.6710e-003
tblVehicleEF	LDT1	1.3210e-003	3.4230e-003
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tblVehicleEF	LDT1	1.2150e-003	3.1480e-003
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.27
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	4.9320e-003	0.03
tblVehicleEF	LDT1	0.05	0.17
tblVehicleEF	LDT1	0.02	0.21
tblVehicleEF	LDT1	2.1450e-003	3.3550e-003
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tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.27
tblVehicleEF	LDT1	0.03	0.11
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tblVehicleEF	LDT1	0.05	0.17
tblVehicleEF	LDT1	0.02	0.23
tblVehicleEF	LDT1	2.1030e-003	0.01
tblVehicleEF	LDT1	1.2280e-003	0.01
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tblVehicleEF	LDT1	0.44	2.61
tblVehicleEF	LDT1	223.11	347.44

tblVehicleEF	LDT1	46.84	73.56
tblVehicleEF	LDT1	0.02	0.11
tblVehicleEF	LDT1	0.02	0.17
tblVehicleEF	LDT1	9.0100e-004	2.6710e-003
tblVehicleEF	LDT1	1.3210e-003	3.4230e-003
tblVehicleEF	LDT1	8.2900e-004	2.4590e-003
tblVehicleEF	LDT1	1.2150e-003	3.1480e-003
tblVehicleEF	LDT1	0.04	0.19
tblVehicleEF	LDT1	0.06	0.28
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	5.2130e-003	0.03
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	0.02	0.19
tblVehicleEF	LDT1	2.2330e-003	3.4910e-003
tblVehicleEF	LDT1	4.7500e-004	7.8100e-004
tblVehicleEF	LDT1	0.04	0.19
tblVehicleEF	LDT1	0.06	0.28
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	7.6040e-003	0.04
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	0.02	0.21
tblVehicleEF	LDT1	1.9510e-003	0.01
tblVehicleEF	LDT1	1.3890e-003	0.02
tblVehicleEF	LDT1	0.34	1.26
tblVehicleEF	LDT1	0.52	3.12
tblVehicleEF	LDT1	211.06	328.99
tblVehicleEF	LDT1	46.84	73.56
tblVehicleEF	LDT1	0.02	0.12
tblVehicleEF	LDT1	0.02	0.19
tblVehicleEF	LDT1	9.0100e-004	2.6710e-003
tblVehicleEF	LDT1	1.3210e-003	3.4230e-003

tblVehicleEF	LDT1	8.2900e-004	2.4590e-003
tblVehicleEF	LDT1	1.2150e-003	3.1480e-003
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.31
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	4.8380e-003	0.03
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.02	0.22
tblVehicleEF	LDT1	2.1120e-003	3.3050e-003
tblVehicleEF	LDT1	4.7600e-004	7.9000e-004
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.31
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	7.0560e-003	0.04
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.02	0.24
tblVehicleEF	LDT2	2.0210e-003	6.2570e-003
tblVehicleEF	LDT2	1.1870e-003	7.5390e-003
tblVehicleEF	LDT2	0.39	0.79
tblVehicleEF	LDT2	0.50	1.57
tblVehicleEF	LDT2	243.72	381.95
tblVehicleEF	LDT2	52.36	84.25
tblVehicleEF	LDT2	0.02	0.08
tblVehicleEF	LDT2	0.02	0.13
tblVehicleEF	LDT2	8.2500e-004	1.8030e-003
tblVehicleEF	LDT2	1.1590e-003	2.1770e-003
tblVehicleEF	LDT2	7.5900e-004	1.6590e-003
tblVehicleEF	LDT2	1.0660e-003	2.0020e-003
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.11
tblVehicleEF	LDT2	0.02	0.05

tblVehicleEF	LDT2	5.0340e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4390e-003	3.8250e-003
tblVehicleEF	LDT2	5.3100e-004	8.6900e-004
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.11
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	7.3330e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	2.1370e-003	6.6030e-003
tblVehicleEF	LDT2	1.1030e-003	6.7840e-003
tblVehicleEF	LDT2	0.43	0.86
tblVehicleEF	LDT2	0.46	1.36
tblVehicleEF	LDT2	253.76	397.64
tblVehicleEF	LDT2	52.36	84.25
tblVehicleEF	LDT2	0.02	0.07
tblVehicleEF	LDT2	0.02	0.13
tblVehicleEF	LDT2	8.2500e-004	1.8030e-003
tblVehicleEF	LDT2	1.1590e-003	2.1770e-003
tblVehicleEF	LDT2	7.5900e-004	1.6590e-003
tblVehicleEF	LDT2	1.0660e-003	2.0020e-003
tblVehicleEF	LDT2	0.03	0.07
tblVehicleEF	LDT2	0.04	0.12
tblVehicleEF	LDT2	0.03	0.07
tblVehicleEF	LDT2	5.3210e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.5400e-003	3.9830e-003
tblVehicleEF	LDT2	5.3000e-004	8.6500e-004

tblVehicleEF	LDT2	0.03	0.07
tblVehicleEF	LDT2	0.04	0.12
tblVehicleEF	LDT2	0.03	0.07
tblVehicleEF	LDT2	7.7520e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	1.9820e-003	6.1400e-003
tblVehicleEF	LDT2	1.2050e-003	7.6940e-003
tblVehicleEF	LDT2	0.38	0.76
tblVehicleEF	LDT2	0.51	1.61
tblVehicleEF	LDT2	240.01	376.16
tblVehicleEF	LDT2	52.36	84.25
tblVehicleEF	LDT2	0.02	0.08
tblVehicleEF	LDT2	0.02	0.14
tblVehicleEF	LDT2	8.2500e-004	1.8030e-003
tblVehicleEF	LDT2	1.1590e-003	2.1770e-003
tblVehicleEF	LDT2	7.5900e-004	1.6590e-003
tblVehicleEF	LDT2	1.0660e-003	2.0020e-003
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.12
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	4.9370e-003	0.02
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4020e-003	3.7670e-003
tblVehicleEF	LDT2	5.3100e-004	8.7000e-004
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.12
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	7.1930e-003	0.02
tblVehicleEF	LDT2	0.04	0.07

tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LHD1	2.6490e-003	6.1090e-003
tblVehicleEF	LHD1	1.8170e-003	0.01
tblVehicleEF	LHD1	4.0590e-003	0.02
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.86
tblVehicleEF	LHD1	0.91	2.73
tblVehicleEF	LHD1	8.92	9.02
tblVehicleEF	LHD1	521.20	612.35
tblVehicleEF	LHD1	20.46	34.23
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.16	1.37
tblVehicleEF	LHD1	0.32	1.09
tblVehicleEF	LHD1	6.9800e-004	8.4400e-004
tblVehicleEF	LHD1	0.01	9.9690e-003
tblVehicleEF	LHD1	4.8780e-003	0.01
tblVehicleEF	LHD1	4.2400e-004	9.9400e-004
tblVehicleEF	LHD1	6.6800e-004	8.0700e-004
tblVehicleEF	LHD1	2.6790e-003	2.4920e-003
tblVehicleEF	LHD1	4.6530e-003	0.01
tblVehicleEF	LHD1	3.9000e-004	9.1500e-004
tblVehicleEF	LHD1	8.9900e-004	2.9160e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.2700e-004	1.8220e-003
tblVehicleEF	LHD1	0.03	0.07
tblVehicleEF	LHD1	0.07	0.28
tblVehicleEF	LHD1	0.05	0.29
tblVehicleEF	LHD1	8.8000e-005	9.1000e-005
tblVehicleEF	LHD1	5.0720e-003	6.0180e-003
tblVehicleEF	LHD1	2.2000e-004	3.9400e-004

tblVehicleEF	LHD1	8.9900e-004	2.9160e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.03
tblVehicleEF	LHD1	7.2700e-004	1.8220e-003
tblVehicleEF	LHD1	0.03	0.09
tblVehicleEF	LHD1	0.07	0.28
tblVehicleEF	LHD1	0.06	0.32
tblVehicleEF	LHD1	2.6490e-003	6.1090e-003
tblVehicleEF	LHD1	1.8270e-003	0.01
tblVehicleEF	LHD1	3.9220e-003	0.02
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.87
tblVehicleEF	LHD1	0.88	2.61
tblVehicleEF	LHD1	8.92	9.02
tblVehicleEF	LHD1	521.20	612.35
tblVehicleEF	LHD1	20.46	34.23
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.15	1.29
tblVehicleEF	LHD1	0.31	1.04
tblVehicleEF	LHD1	6.9800e-004	8.4400e-004
tblVehicleEF	LHD1	0.01	9.9690e-003
tblVehicleEF	LHD1	4.8780e-003	0.01
tblVehicleEF	LHD1	4.2400e-004	9.9400e-004
tblVehicleEF	LHD1	6.6800e-004	8.0700e-004
tblVehicleEF	LHD1	2.6790e-003	2.4920e-003
tblVehicleEF	LHD1	4.6530e-003	0.01
tblVehicleEF	LHD1	3.9000e-004	9.1500e-004
tblVehicleEF	LHD1	1.2600e-003	4.0740e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.6400e-004	2.4870e-003

tblVehicleEF	LHD1	0.03	0.07
tblVehicleEF	LHD1	0.07	0.27
tblVehicleEF	LHD1	0.05	0.28
tblVehicleEF	LHD1	8.8000e-005	9.1000e-005
tblVehicleEF	LHD1	5.0720e-003	6.0180e-003
tblVehicleEF	LHD1	2.2000e-004	3.9200e-004
tblVehicleEF	LHD1	1.2600e-003	4.0740e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.03
tblVehicleEF	LHD1	9.6400e-004	2.4870e-003
tblVehicleEF	LHD1	0.03	0.09
tblVehicleEF	LHD1	0.07	0.27
tblVehicleEF	LHD1	0.06	0.30
tblVehicleEF	LHD1	2.6490e-003	6.1090e-003
tblVehicleEF	LHD1	1.8140e-003	0.01
tblVehicleEF	LHD1	4.0870e-003	0.02
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.86
tblVehicleEF	LHD1	0.92	2.74
tblVehicleEF	LHD1	8.92	9.02
tblVehicleEF	LHD1	521.20	612.35
tblVehicleEF	LHD1	20.46	34.23
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.15	1.34
tblVehicleEF	LHD1	0.32	1.10
tblVehicleEF	LHD1	6.9800e-004	8.4400e-004
tblVehicleEF	LHD1	0.01	9.9690e-003
tblVehicleEF	LHD1	4.8780e-003	0.01
tblVehicleEF	LHD1	4.2400e-004	9.9400e-004
tblVehicleEF	LHD1	6.6800e-004	8.0700e-004
tblVehicleEF	LHD1	2.6790e-003	2.4920e-003

tblVehicleEF	LHD1	4.6530e-003	0.01
tblVehicleEF	LHD1	3.9000e-004	9.1500e-004
tblVehicleEF	LHD1	8.3800e-004	3.0560e-003
tblVehicleEF	LHD1	0.03	0.11
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.0700e-004	1.8520e-003
tblVehicleEF	LHD1	0.03	0.07
tblVehicleEF	LHD1	0.08	0.31
tblVehicleEF	LHD1	0.06	0.29
tblVehicleEF	LHD1	8.8000e-005	9.1000e-005
tblVehicleEF	LHD1	5.0720e-003	6.0180e-003
tblVehicleEF	LHD1	2.2000e-004	3.9400e-004
tblVehicleEF	LHD1	8.3800e-004	3.0560e-003
tblVehicleEF	LHD1	0.03	0.11
tblVehicleEF	LHD1	0.01	0.03
tblVehicleEF	LHD1	7.0700e-004	1.8520e-003
tblVehicleEF	LHD1	0.03	0.08
tblVehicleEF	LHD1	0.08	0.31
tblVehicleEF	LHD1	0.06	0.32
tblVehicleEF	LHD2	2.1700e-003	4.5740e-003
tblVehicleEF	LHD2	1.6130e-003	4.8900e-003
tblVehicleEF	LHD2	2.0550e-003	0.01
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.41
tblVehicleEF	LHD2	0.80	1.51
tblVehicleEF	LHD2	13.31	13.66
tblVehicleEF	LHD2	561.16	627.61
tblVehicleEF	LHD2	21.12	29.47
tblVehicleEF	LHD2	0.05	0.10
tblVehicleEF	LHD2	0.05	1.00
tblVehicleEF	LHD2	0.19	0.65

tblVehicleEF	LHD2	8.6600e-004	1.1920e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	0.01
tblVehicleEF	LHD2	3.8300e-004	5.0700e-004
tblVehicleEF	LHD2	8.2800e-004	1.1400e-003
tblVehicleEF	LHD2	2.7110e-003	2.6350e-003
tblVehicleEF	LHD2	4.9300e-003	9.7610e-003
tblVehicleEF	LHD2	3.5200e-004	4.6600e-004
tblVehicleEF	LHD2	5.1000e-004	1.2770e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0700e-004	8.3500e-004
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.15
tblVehicleEF	LHD2	1.3000e-004	1.3400e-004
tblVehicleEF	LHD2	5.4510e-003	6.1210e-003
tblVehicleEF	LHD2	2.2400e-004	3.2300e-004
tblVehicleEF	LHD2	5.1000e-004	1.2770e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0700e-004	8.3500e-004
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.16
tblVehicleEF	LHD2	2.1700e-003	4.5740e-003
tblVehicleEF	LHD2	1.6200e-003	4.9510e-003
tblVehicleEF	LHD2	2.0430e-003	0.01
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.42
tblVehicleEF	LHD2	0.77	1.45

tblVehicleEF	LHD2	13.31	13.66
tblVehicleEF	LHD2	561.16	627.61
tblVehicleEF	LHD2	21.12	29.47
tblVehicleEF	LHD2	0.05	0.10
tblVehicleEF	LHD2	0.05	0.95
tblVehicleEF	LHD2	0.19	0.63
tblVehicleEF	LHD2	8.6600e-004	1.1920e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	0.01
tblVehicleEF	LHD2	3.8300e-004	5.0700e-004
tblVehicleEF	LHD2	8.2800e-004	1.1400e-003
tblVehicleEF	LHD2	2.7110e-003	2.6350e-003
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tblVehicleEF	LHD2	3.5200e-004	4.6600e-004
tblVehicleEF	LHD2	7.1900e-004	1.7890e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4600e-004	1.1420e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.14
tblVehicleEF	LHD2	1.3000e-004	1.3400e-004
tblVehicleEF	LHD2	5.4510e-003	6.1210e-003
tblVehicleEF	LHD2	2.2400e-004	3.2200e-004
tblVehicleEF	LHD2	7.1900e-004	1.7890e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4600e-004	1.1420e-003
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.15

tblVehicleEF	LHD2	2.1700e-003	4.5740e-003
tblVehicleEF	LHD2	1.6110e-003	4.8740e-003
tblVehicleEF	LHD2	2.0570e-003	0.01
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.41
tblVehicleEF	LHD2	0.80	1.52
tblVehicleEF	LHD2	13.31	13.66
tblVehicleEF	LHD2	561.16	627.61
tblVehicleEF	LHD2	21.12	29.47
tblVehicleEF	LHD2	0.05	0.10
tblVehicleEF	LHD2	0.05	0.99
tblVehicleEF	LHD2	0.19	0.66
tblVehicleEF	LHD2	8.6600e-004	1.1920e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	0.01
tblVehicleEF	LHD2	3.8300e-004	5.0700e-004
tblVehicleEF	LHD2	8.2800e-004	1.1400e-003
tblVehicleEF	LHD2	2.7110e-003	2.6350e-003
tblVehicleEF	LHD2	4.9300e-003	9.7610e-003
tblVehicleEF	LHD2	3.5200e-004	4.6600e-004
tblVehicleEF	LHD2	4.8000e-004	1.3120e-003
tblVehicleEF	LHD2	0.01	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9900e-004	8.3800e-004
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.03	0.11
tblVehicleEF	LHD2	0.03	0.15
tblVehicleEF	LHD2	1.3000e-004	1.3400e-004
tblVehicleEF	LHD2	5.4510e-003	6.1210e-003
tblVehicleEF	LHD2	2.2400e-004	3.2300e-004
tblVehicleEF	LHD2	4.8000e-004	1.3120e-003

tblVehicleEF	LHD2	0.01	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9900e-004	8.3800e-004
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	0.03	0.11
tblVehicleEF	LHD2	0.03	0.16
tblVehicleEF	MCY	0.49	0.48
tblVehicleEF	MCY	0.14	0.15
tblVehicleEF	MCY	16.89	18.92
tblVehicleEF	MCY	9.80	9.54
tblVehicleEF	MCY	179.88	176.85
tblVehicleEF	MCY	41.42	45.71
tblVehicleEF	MCY	1.11	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.4660e-003	2.0750e-003
tblVehicleEF	MCY	3.3730e-003	4.0210e-003
tblVehicleEF	MCY	2.2990e-003	1.9420e-003
tblVehicleEF	MCY	3.1470e-003	3.7960e-003
tblVehicleEF	MCY	1.15	1.14
tblVehicleEF	MCY	0.63	0.71
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	2.27	2.40
tblVehicleEF	MCY	0.45	0.67
tblVehicleEF	MCY	1.94	2.07
tblVehicleEF	MCY	2.1440e-003	2.1490e-003
tblVehicleEF	MCY	6.3100e-004	6.7400e-004
tblVehicleEF	MCY	1.15	1.14
tblVehicleEF	MCY	0.63	0.71
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	2.85	2.97
tblVehicleEF	MCY	0.45	0.67

tblVehicleEF	MCY	2.12	2.25
tblVehicleEF	MCY	0.48	0.47
tblVehicleEF	MCY	0.13	0.14
tblVehicleEF	MCY	16.35	18.20
tblVehicleEF	MCY	8.96	8.80
tblVehicleEF	MCY	179.88	176.85
tblVehicleEF	MCY	41.42	45.71
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.4660e-003	2.0750e-003
tblVehicleEF	MCY	3.3730e-003	4.0210e-003
tblVehicleEF	MCY	2.2990e-003	1.9420e-003
tblVehicleEF	MCY	3.1470e-003	3.7960e-003
tblVehicleEF	MCY	1.73	1.71
tblVehicleEF	MCY	0.69	0.74
tblVehicleEF	MCY	1.06	1.13
tblVehicleEF	MCY	2.23	2.34
tblVehicleEF	MCY	0.42	0.63
tblVehicleEF	MCY	1.76	1.86
tblVehicleEF	MCY	2.1340e-003	2.1360e-003
tblVehicleEF	MCY	6.1200e-004	6.5500e-004
tblVehicleEF	MCY	1.73	1.71
tblVehicleEF	MCY	0.69	0.74
tblVehicleEF	MCY	1.06	1.13
tblVehicleEF	MCY	2.80	2.89
tblVehicleEF	MCY	0.42	0.63
tblVehicleEF	MCY	1.92	2.02
tblVehicleEF	MCY	0.49	0.48
tblVehicleEF	MCY	0.15	0.15
tblVehicleEF	MCY	16.97	19.03
tblVehicleEF	MCY	9.94	9.65

tblVehicleEF	MCY	179.88	176.85
tblVehicleEF	MCY	41.42	45.71
tblVehicleEF	MCY	1.08	1.09
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.4660e-003	2.0750e-003
tblVehicleEF	MCY	3.3730e-003	4.0210e-003
tblVehicleEF	MCY	2.2990e-003	1.9420e-003
tblVehicleEF	MCY	3.1470e-003	3.7960e-003
tblVehicleEF	MCY	1.27	1.26
tblVehicleEF	MCY	0.79	0.91
tblVehicleEF	MCY	0.70	0.76
tblVehicleEF	MCY	2.28	2.41
tblVehicleEF	MCY	0.54	0.76
tblVehicleEF	MCY	1.98	2.11
tblVehicleEF	MCY	2.1460e-003	2.1510e-003
tblVehicleEF	MCY	6.3500e-004	6.7700e-004
tblVehicleEF	MCY	1.27	1.26
tblVehicleEF	MCY	0.79	0.91
tblVehicleEF	MCY	0.70	0.76
tblVehicleEF	MCY	2.86	2.98
tblVehicleEF	MCY	0.54	0.76
tblVehicleEF	MCY	2.15	2.29
tblVehicleEF	MDV	2.8560e-003	0.01
tblVehicleEF	MDV	2.4420e-003	0.02
tblVehicleEF	MDV	0.48	1.39
tblVehicleEF	MDV	0.71	2.88
tblVehicleEF	MDV	323.90	514.66
tblVehicleEF	MDV	68.48	111.00
tblVehicleEF	MDV	0.03	0.15
tblVehicleEF	MDV	0.04	0.27
tblVehicleEF	MDV	9.1200e-004	1.9370e-003

tblVehicleEF	MDV	1.2590e-003	2.3370e-003
tblVehicleEF	MDV	8.4000e-004	1.7870e-003
tblVehicleEF	MDV	1.1580e-003	2.1510e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.08	0.16
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	7.2110e-003	0.04
tblVehicleEF	MDV	0.05	0.10
tblVehicleEF	MDV	0.03	0.22
tblVehicleEF	MDV	3.2370e-003	5.1570e-003
tblVehicleEF	MDV	6.9600e-004	1.1610e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.08	0.16
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.01	0.05
tblVehicleEF	MDV	0.05	0.10
tblVehicleEF	MDV	0.04	0.25
tblVehicleEF	MDV	3.0180e-003	0.01
tblVehicleEF	MDV	2.2310e-003	0.01
tblVehicleEF	MDV	0.52	1.50
tblVehicleEF	MDV	0.64	2.50
tblVehicleEF	MDV	336.82	535.20
tblVehicleEF	MDV	68.48	111.00
tblVehicleEF	MDV	0.03	0.14
tblVehicleEF	MDV	0.04	0.26
tblVehicleEF	MDV	9.1200e-004	1.9370e-003
tblVehicleEF	MDV	1.2590e-003	2.3370e-003
tblVehicleEF	MDV	8.4000e-004	1.7870e-003
tblVehicleEF	MDV	1.1580e-003	2.1510e-003
tblVehicleEF	MDV	0.06	0.10
tblVehicleEF	MDV	0.08	0.17

tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	7.6120e-003	0.04
tblVehicleEF	MDV	0.05	0.09
tblVehicleEF	MDV	0.03	0.20
tblVehicleEF	MDV	3.3670e-003	5.3640e-003
tblVehicleEF	MDV	6.9500e-004	1.1540e-003
tblVehicleEF	MDV	0.06	0.10
tblVehicleEF	MDV	0.08	0.17
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.01	0.05
tblVehicleEF	MDV	0.05	0.09
tblVehicleEF	MDV	0.03	0.22
tblVehicleEF	MDV	2.8010e-003	0.01
tblVehicleEF	MDV	2.4850e-003	0.02
tblVehicleEF	MDV	0.47	1.35
tblVehicleEF	MDV	0.73	2.96
tblVehicleEF	MDV	319.13	507.08
tblVehicleEF	MDV	68.48	111.00
tblVehicleEF	MDV	0.03	0.15
tblVehicleEF	MDV	0.04	0.28
tblVehicleEF	MDV	9.1200e-004	1.9370e-003
tblVehicleEF	MDV	1.2590e-003	2.3370e-003
tblVehicleEF	MDV	8.4000e-004	1.7870e-003
tblVehicleEF	MDV	1.1580e-003	2.1510e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.09	0.17
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	7.0760e-003	0.03
tblVehicleEF	MDV	0.06	0.11
tblVehicleEF	MDV	0.03	0.23
tblVehicleEF	MDV	3.1890e-003	5.0800e-003

tblVehicleEF	MDV	6.9600e-004	1.1620e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.09	0.17
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.01	0.05
tblVehicleEF	MDV	0.06	0.11
tblVehicleEF	MDV	0.04	0.25
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tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.18	2.58
tblVehicleEF	MH	2.99	5.94
tblVehicleEF	MH	1,058.61	1,111.80
tblVehicleEF	MH	55.54	58.76
tblVehicleEF	MH	0.56	1.52
tblVehicleEF	MH	0.51	0.81
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	1.2350e-003
tblVehicleEF	MH	3.2220e-003	3.2420e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	1.1410e-003
tblVehicleEF	MH	0.32	1.02
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	0.19	0.44
tblVehicleEF	MH	0.02	0.10
tblVehicleEF	MH	3.1200e-003	0.02
tblVehicleEF	MH	0.18	0.36
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	6.9200e-004
tblVehicleEF	MH	0.32	1.02
tblVehicleEF	MH	0.02	0.07

tblVehicleEF	MH	0.19	0.44
tblVehicleEF	MH	0.02	0.14
tblVehicleEF	MH	3.1200e-003	0.02
tblVehicleEF	MH	0.20	0.39
tblVehicleEF	MH	3.5630e-003	0.03
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.18	2.62
tblVehicleEF	MH	2.84	5.63
tblVehicleEF	MH	1,058.61	1,111.80
tblVehicleEF	MH	55.54	58.76
tblVehicleEF	MH	0.53	1.41
tblVehicleEF	MH	0.49	0.78
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	1.2350e-003
tblVehicleEF	MH	3.2220e-003	3.2420e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	1.1410e-003
tblVehicleEF	MH	0.44	1.37
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	0.26	0.59
tblVehicleEF	MH	0.02	0.10
tblVehicleEF	MH	3.0230e-003	0.02
tblVehicleEF	MH	0.18	0.34
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0500e-004	6.8600e-004
tblVehicleEF	MH	0.44	1.37
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	0.26	0.59
tblVehicleEF	MH	0.02	0.14
tblVehicleEF	MH	3.0230e-003	0.02

tblVehicleEF	MH	0.19	0.38
tblVehicleEF	MH	3.4810e-003	0.03
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.18	2.56
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tblVehicleEF	MH	1,058.61	1,111.80
tblVehicleEF	MH	55.54	58.76
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tblVehicleEF	MH	0.52	0.82
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	1.2350e-003
tblVehicleEF	MH	3.2220e-003	3.2420e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	1.1410e-003
tblVehicleEF	MH	0.30	1.13
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	0.19	0.46
tblVehicleEF	MH	0.02	0.10
tblVehicleEF	MH	3.3540e-003	0.02
tblVehicleEF	MH	0.18	0.36
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0800e-004	6.9200e-004
tblVehicleEF	MH	0.30	1.13
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	0.19	0.46
tblVehicleEF	MH	0.02	0.14
tblVehicleEF	MH	3.3540e-003	0.02
tblVehicleEF	MH	0.20	0.40
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.6340e-003	7.0470e-003

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tblVehicleEF	MHD	0.17	0.52
tblVehicleEF	MHD	2.36	6.64
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tblVehicleEF	MHD	1,095.45	1,146.33
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tblVehicleEF	MHD	0.55	1.91
tblVehicleEF	MHD	11.90	10.60
tblVehicleEF	MHD	3.2000e-005	2.6680e-003
tblVehicleEF	MHD	2.7430e-003	0.05
tblVehicleEF	MHD	6.6800e-004	8.2900e-004
tblVehicleEF	MHD	3.0000e-005	2.5520e-003
tblVehicleEF	MHD	2.6210e-003	0.05
tblVehicleEF	MHD	6.1400e-004	7.6300e-004
tblVehicleEF	MHD	5.9800e-004	1.2010e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	4.8700e-004	7.6200e-004
tblVehicleEF	MHD	0.03	0.09
tblVehicleEF	MHD	9.7940e-003	0.02
tblVehicleEF	MHD	0.16	0.41
tblVehicleEF	MHD	1.4730e-003	1.3870e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	5.2200e-004	7.2900e-004
tblVehicleEF	MHD	5.9800e-004	1.2010e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	4.8700e-004	7.6200e-004
tblVehicleEF	MHD	0.03	0.11

tblVehicleEF	MHD	9.7940e-003	0.02
tblVehicleEF	MHD	0.18	0.45
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.6400e-003	7.1120e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.22	0.32
tblVehicleEF	MHD	0.17	0.52
tblVehicleEF	MHD	2.25	6.33
tblVehicleEF	MHD	162.39	152.59
tblVehicleEF	MHD	1,095.45	1,146.33
tblVehicleEF	MHD	48.02	61.21
tblVehicleEF	MHD	0.41	0.94
tblVehicleEF	MHD	0.52	1.81
tblVehicleEF	MHD	11.89	10.56
tblVehicleEF	MHD	2.7000e-005	2.2490e-003
tblVehicleEF	MHD	2.7430e-003	0.05
tblVehicleEF	MHD	6.6800e-004	8.2900e-004
tblVehicleEF	MHD	2.6000e-005	2.1520e-003
tblVehicleEF	MHD	2.6210e-003	0.05
tblVehicleEF	MHD	6.1400e-004	7.6300e-004
tblVehicleEF	MHD	8.4300e-004	1.6980e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	6.4800e-004	1.0640e-003
tblVehicleEF	MHD	0.03	0.09
tblVehicleEF	MHD	9.3880e-003	0.02
tblVehicleEF	MHD	0.15	0.39
tblVehicleEF	MHD	1.5580e-003	1.4670e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	5.2000e-004	7.2300e-004
tblVehicleEF	MHD	8.4300e-004	1.6980e-003

tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	6.4800e-004	1.0640e-003
tblVehicleEF	MHD	0.03	0.11
tblVehicleEF	MHD	9.3880e-003	0.02
tblVehicleEF	MHD	0.17	0.43
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.6320e-003	7.0270e-003
tblVehicleEF	MHD	0.03	0.06
tblVehicleEF	MHD	0.41	0.60
tblVehicleEF	MHD	0.17	0.51
tblVehicleEF	MHD	2.38	6.70
tblVehicleEF	MHD	140.76	132.28
tblVehicleEF	MHD	1,095.45	1,146.33
tblVehicleEF	MHD	48.02	61.21
tblVehicleEF	MHD	0.38	0.87
tblVehicleEF	MHD	0.54	1.88
tblVehicleEF	MHD	11.91	10.61
tblVehicleEF	MHD	3.9000e-005	3.2460e-003
tblVehicleEF	MHD	2.7430e-003	0.05
tblVehicleEF	MHD	6.6800e-004	8.2900e-004
tblVehicleEF	MHD	3.7000e-005	3.1060e-003
tblVehicleEF	MHD	2.6210e-003	0.05
tblVehicleEF	MHD	6.1400e-004	7.6300e-004
tblVehicleEF	MHD	5.5800e-004	1.2640e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	4.7500e-004	7.8200e-004
tblVehicleEF	MHD	0.03	0.09
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.16	0.41

tblVehicleEF	MHD	1.3540e-003	1.2760e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	5.2200e-004	7.3000e-004
tblVehicleEF	MHD	5.5800e-004	1.2640e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	4.7500e-004	7.8200e-004
tblVehicleEF	MHD	0.03	0.11
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.18	0.45
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.9590e-003	9.6820e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.24	0.28
tblVehicleEF	OBUS	0.22	0.66
tblVehicleEF	OBUS	3.76	5.92
tblVehicleEF	OBUS	73.88	84.60
tblVehicleEF	OBUS	1,173.76	1,232.54
tblVehicleEF	OBUS	67.02	70.26
tblVehicleEF	OBUS	0.15	0.47
tblVehicleEF	OBUS	0.42	1.72
tblVehicleEF	OBUS	1.87	2.16
tblVehicleEF	OBUS	1.4000e-005	2.1500e-004
tblVehicleEF	OBUS	2.3930e-003	8.7560e-003
tblVehicleEF	OBUS	1.0630e-003	8.2600e-004
tblVehicleEF	OBUS	1.3000e-005	2.0600e-004
tblVehicleEF	OBUS	2.2690e-003	8.3600e-003
tblVehicleEF	OBUS	9.7700e-004	7.6000e-004
tblVehicleEF	OBUS	1.4210e-003	1.4550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.04

tblVehicleEF	OBUS	8.4900e-004	7.7300e-004
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.25	0.38
tblVehicleEF	OBUS	7.1700e-004	8.2000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3600e-004	8.0700e-004
tblVehicleEF	OBUS	1.4210e-003	1.4550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	8.4900e-004	7.7300e-004
tblVehicleEF	OBUS	0.03	0.08
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.28	0.41
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.9990e-003	9.8490e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.24	0.27
tblVehicleEF	OBUS	0.22	0.67
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tblVehicleEF	OBUS	1,173.76	1,232.54
tblVehicleEF	OBUS	67.02	70.26
tblVehicleEF	OBUS	0.16	0.48
tblVehicleEF	OBUS	0.39	1.62
tblVehicleEF	OBUS	1.84	2.12
tblVehicleEF	OBUS	1.2000e-005	1.8100e-004
tblVehicleEF	OBUS	2.3930e-003	8.7560e-003
tblVehicleEF	OBUS	1.0630e-003	8.2600e-004
tblVehicleEF	OBUS	1.1000e-005	1.7400e-004
tblVehicleEF	OBUS	2.2690e-003	8.3600e-003

tblVehicleEF	OBUS	9.7700e-004	7.6000e-004
tblVehicleEF	OBUS	1.9590e-003	2.0020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	1.1400e-003	1.0680e-003
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.24	0.36
tblVehicleEF	OBUS	7.4900e-004	8.5800e-004
tblVehicleEF	OBUS	0.01	0.01
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tblVehicleEF	OBUS	1.9590e-003	2.0020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.1400e-003	1.0680e-003
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tblVehicleEF	OBUS	2.9470e-003	9.6320e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.25	0.30
tblVehicleEF	OBUS	0.22	0.65
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tblVehicleEF	OBUS	1,173.76	1,232.54
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tblVehicleEF	OBUS	1.87	2.17
tblVehicleEF	OBUS	1.7000e-005	2.6200e-004

tblVehicleEF	OBUS	2.3930e-003	8.7560e-003
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tblVehicleEF	OBUS	1.3600e-003	1.4980e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2200e-004	7.7300e-004
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.25	0.38
tblVehicleEF	OBUS	6.7200e-004	7.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3700e-004	8.0800e-004
tblVehicleEF	OBUS	1.3600e-003	1.4980e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	8.2200e-004	7.7300e-004
tblVehicleEF	OBUS	0.03	0.08
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.28	0.42
tblVehicleEF	SBUS	0.84	0.88
tblVehicleEF	SBUS	3.6520e-003	0.02
tblVehicleEF	SBUS	0.05	0.09
tblVehicleEF	SBUS	10.03	8.02
tblVehicleEF	SBUS	0.26	1.27
tblVehicleEF	SBUS	6.64	9.90
tblVehicleEF	SBUS	923.59	1,146.39
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tblVehicleEF	SBUS	9.21	12.79
tblVehicleEF	SBUS	1.2900e-004	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	0.03
tblVehicleEF	SBUS	1.5060e-003	9.2400e-004
tblVehicleEF	SBUS	1.2400e-004	0.01
tblVehicleEF	SBUS	2.5630e-003	2.6900e-003
tblVehicleEF	SBUS	2.4180e-003	0.03
tblVehicleEF	SBUS	1.3850e-003	8.4900e-004
tblVehicleEF	SBUS	5.2260e-003	3.9220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.22	0.97
tblVehicleEF	SBUS	3.1760e-003	1.9880e-003
tblVehicleEF	SBUS	0.04	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.39	0.52
tblVehicleEF	SBUS	9.1690e-003	0.01
tblVehicleEF	SBUS	9.4130e-003	0.01
tblVehicleEF	SBUS	8.0800e-004	7.0000e-004
tblVehicleEF	SBUS	5.2260e-003	3.9220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.77	1.40
tblVehicleEF	SBUS	3.1760e-003	1.9880e-003
tblVehicleEF	SBUS	0.05	0.17
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.42	0.57
tblVehicleEF	SBUS	0.84	0.88
tblVehicleEF	SBUS	3.6960e-003	0.02
tblVehicleEF	SBUS	0.04	0.08

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tblVehicleEF	SBUS	5.49	8.18
tblVehicleEF	SBUS	958.17	1,199.03
tblVehicleEF	SBUS	973.77	1,099.72
tblVehicleEF	SBUS	69.27	52.78
tblVehicleEF	SBUS	1.79	10.82
tblVehicleEF	SBUS	0.77	4.75
tblVehicleEF	SBUS	9.18	12.76
tblVehicleEF	SBUS	1.0900e-004	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	0.03
tblVehicleEF	SBUS	1.5060e-003	9.2400e-004
tblVehicleEF	SBUS	1.0400e-004	9.7020e-003
tblVehicleEF	SBUS	2.5630e-003	2.6900e-003
tblVehicleEF	SBUS	2.4180e-003	0.03
tblVehicleEF	SBUS	1.3850e-003	8.4900e-004
tblVehicleEF	SBUS	7.1920e-003	5.3460e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.22	0.97
tblVehicleEF	SBUS	4.2360e-003	2.7350e-003
tblVehicleEF	SBUS	0.04	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.35	0.47
tblVehicleEF	SBUS	9.4990e-003	0.01
tblVehicleEF	SBUS	9.4130e-003	0.01
tblVehicleEF	SBUS	7.8900e-004	6.7100e-004
tblVehicleEF	SBUS	7.1920e-003	5.3460e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.77	1.40
tblVehicleEF	SBUS	4.2360e-003	2.7350e-003

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tblVehicleEF	SBUS	0.38	0.52
tblVehicleEF	SBUS	0.84	0.88
tblVehicleEF	SBUS	3.6400e-003	0.02
tblVehicleEF	SBUS	0.05	0.09
tblVehicleEF	SBUS	10.07	8.20
tblVehicleEF	SBUS	0.26	1.27
tblVehicleEF	SBUS	6.75	10.06
tblVehicleEF	SBUS	875.85	1,073.69
tblVehicleEF	SBUS	973.77	1,099.72
tblVehicleEF	SBUS	69.27	52.78
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tblVehicleEF	SBUS	1.5700e-004	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	0.03
tblVehicleEF	SBUS	1.5060e-003	9.2400e-004
tblVehicleEF	SBUS	1.5000e-004	0.01
tblVehicleEF	SBUS	2.5630e-003	2.6900e-003
tblVehicleEF	SBUS	2.4180e-003	0.03
tblVehicleEF	SBUS	1.3850e-003	8.4900e-004
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tblVehicleEF	SBUS	8.7140e-003	0.01

tblVehicleEF	SBUS	9.4130e-003	0.01
tblVehicleEF	SBUS	8.1000e-004	7.0200e-004
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tblVehicleEF	SBUS	0.43	0.58
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tblVehicleEF	UBUS	0.05	0.07
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tblVehicleEF	UBUS	1,705.12	1,845.89
tblVehicleEF	UBUS	144.21	131.11
tblVehicleEF	UBUS	0.95	5.44
tblVehicleEF	UBUS	11.88	13.69
tblVehicleEF	UBUS	0.49	0.54
tblVehicleEF	UBUS	5.9750e-003	0.05
tblVehicleEF	UBUS	1.6450e-003	1.1180e-003
tblVehicleEF	UBUS	0.21	0.23
tblVehicleEF	UBUS	5.6750e-003	0.04
tblVehicleEF	UBUS	1.5130e-003	1.0280e-003
tblVehicleEF	UBUS	3.8210e-003	6.3040e-003
tblVehicleEF	UBUS	0.05	0.10
tblVehicleEF	UBUS	3.0710e-003	3.6410e-003
tblVehicleEF	UBUS	0.07	0.57
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.74	0.97
tblVehicleEF	UBUS	8.0310e-003	8.7570e-003
tblVehicleEF	UBUS	1.5830e-003	1.5510e-003

tblVehicleEF	UBUS	3.8210e-003	6.3040e-003
tblVehicleEF	UBUS	0.05	0.10
tblVehicleEF	UBUS	3.0710e-003	3.6410e-003
tblVehicleEF	UBUS	1.02	2.69
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.81	1.06
tblVehicleEF	UBUS	0.94	2.06
tblVehicleEF	UBUS	0.05	0.07
tblVehicleEF	UBUS	4.36	9.46
tblVehicleEF	UBUS	6.75	11.79
tblVehicleEF	UBUS	1,705.12	1,845.89
tblVehicleEF	UBUS	144.21	131.11
tblVehicleEF	UBUS	0.89	5.12
tblVehicleEF	UBUS	11.83	13.62
tblVehicleEF	UBUS	0.49	0.54
tblVehicleEF	UBUS	5.9750e-003	0.05
tblVehicleEF	UBUS	1.6450e-003	1.1180e-003
tblVehicleEF	UBUS	0.21	0.23
tblVehicleEF	UBUS	5.6750e-003	0.04
tblVehicleEF	UBUS	1.5130e-003	1.0280e-003
tblVehicleEF	UBUS	5.2250e-003	8.4450e-003
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tblVehicleEF	UBUS	0.07	0.58
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.68	0.90
tblVehicleEF	UBUS	8.0310e-003	8.7590e-003
tblVehicleEF	UBUS	1.5680e-003	1.5230e-003
tblVehicleEF	UBUS	5.2250e-003	8.4450e-003
tblVehicleEF	UBUS	0.05	0.10
tblVehicleEF	UBUS	4.1340e-003	4.8520e-003

tblVehicleEF	UBUS	1.02	2.70
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.75	0.98
tblVehicleEF	UBUS	0.94	2.05
tblVehicleEF	UBUS	0.06	0.07
tblVehicleEF	UBUS	4.36	9.39
tblVehicleEF	UBUS	7.76	13.64
tblVehicleEF	UBUS	1,705.12	1,845.89
tblVehicleEF	UBUS	144.21	131.11
tblVehicleEF	UBUS	0.93	5.34
tblVehicleEF	UBUS	11.89	13.71
tblVehicleEF	UBUS	0.49	0.54
tblVehicleEF	UBUS	5.9750e-003	0.05
tblVehicleEF	UBUS	1.6450e-003	1.1180e-003
tblVehicleEF	UBUS	0.21	0.23
tblVehicleEF	UBUS	5.6750e-003	0.04
tblVehicleEF	UBUS	1.5130e-003	1.0280e-003
tblVehicleEF	UBUS	3.7200e-003	7.1840e-003
tblVehicleEF	UBUS	0.06	0.13
tblVehicleEF	UBUS	2.9220e-003	3.8750e-003
tblVehicleEF	UBUS	0.07	0.57
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.75	0.98
tblVehicleEF	UBUS	8.0310e-003	8.7570e-003
tblVehicleEF	UBUS	1.5860e-003	1.5550e-003
tblVehicleEF	UBUS	3.7200e-003	7.1840e-003
tblVehicleEF	UBUS	0.06	0.13
tblVehicleEF	UBUS	2.9220e-003	3.8750e-003
tblVehicleEF	UBUS	1.02	2.68
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	1.08

tblVehicleTrips	CC_TL	8.40	6.07
tblVehicleTrips	CC_TL	8.40	6.07
tblVehicleTrips	CC_TL	8.40	6.07
tblVehicleTrips	CNW_TL	6.90	6.07
tblVehicleTrips	CNW_TL	6.90	6.07
tblVehicleTrips	CNW_TL	6.90	6.07
tblVehicleTrips	CW_TL	16.60	6.07
tblVehicleTrips	CW_TL	16.60	6.07
tblVehicleTrips	CW_TL	16.60	6.07
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	6.07
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tblVehicleTrips	HO_TL	8.70	6.07
tblVehicleTrips	HS_TL	5.90	6.07
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tblVehicleTrips	HS_TL	5.90	6.07
tblVehicleTrips	HW_TL	14.70	6.07
tblVehicleTrips	HW_TL	14.70	6.07
tblVehicleTrips	HW_TL	14.70	6.07
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
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tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00

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tblVehicleTrips	PR_TP	77.00	100.00
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tblVehicleTrips	PR_TP	54.00	100.00
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tblVehicleTrips	ST_TR	5.67	4.10
tblVehicleTrips	ST_TR	2.46	1.85
tblVehicleTrips	ST_TR	8.19	10.26
tblVehicleTrips	ST_TR	49.97	38.56
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tblVehicleTrips	SU_TR	4.84	3.60
tblVehicleTrips	SU_TR	1.05	0.62
tblVehicleTrips	SU_TR	5.95	7.85
tblVehicleTrips	SU_TR	25.24	3.60
tblVehicleTrips	WD_TR	4.20	4.55
tblVehicleTrips	WD_TR	6.65	4.55
tblVehicleTrips	WD_TR	5.81	4.55
tblVehicleTrips	WD_TR	11.03	8.14
tblVehicleTrips	WD_TR	8.17	6.99
tblVehicleTrips	WD_TR	42.70	35.70
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	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	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tblWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
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tblWater	IndoorWaterUseRate	97,731,038.43	0.00
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tblWater	IndoorWaterUseRate	19,546,207.69	0.00
tblWater	IndoorWaterUseRate	31,992,074.64	0.00
tblWater	IndoorWaterUseRate	10,780,877.25	0.00
tblWater	IndoorWaterUseRate	75,553,971.91	204,772,300.00
tblWater	OutdoorWaterUseRate	61,613,045.97	0.00
tblWater	OutdoorWaterUseRate	49,290,436.77	0.00
tblWater	OutdoorWaterUseRate	12,322,609.19	0.00
tblWater	OutdoorWaterUseRate	19,608,045.75	0.00
tblWater	OutdoorWaterUseRate	1,197,875.25	0.00
tblWater	OutdoorWaterUseRate	46,307,273.11	10,149,920.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
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tblWoodstoves	NumberCatalytic	75.00	0.00
tblWoodstoves	NumberCatalytic	60.00	0.00
tblWoodstoves	NumberCatalytic	15.00	0.00

tblWoodstoves	NumberNoncatalytic	75.00	0.00
tblWoodstoves	NumberNoncatalytic	60.00	0.00
tblWoodstoves	NumberNoncatalytic	15.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809
Energy	1.1895	10.3085	5.3775	0.0649		0.8219	0.8219		0.8219	0.8219		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593
Mobile	85.6703	371.6630	958.6212	3.3428	275.8508	3.4248	279.2755	73.7920	3.2157	77.0077		340,020.5630	340,020.5630	15.5384		340,409.0221
Total	193.5692	384.8233	1,211.2509	3.4208	275.8508	5.6221	281.4729	73.7920	5.4131	79.2051	0.0000	353,444.6685	353,444.6685	16.2159	0.2379	353,920.9623

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809
Energy	1.1895	10.3085	5.3775	0.0649		0.8219	0.8219		0.8219	0.8219		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593
Mobile	85.6703	371.6630	958.6212	3.3428	275.8508	3.4248	279.2755	73.7920	3.2157	77.0077		340,020.5630	340,020.5630	15.5384		340,409.0221
Total	193.5692	384.8233	1,211.2509	3.4208	275.8508	5.6221	281.4729	73.7920	5.4131	79.2051	0.0000	353,444.6685	353,444.6685	16.2159	0.2379	353,920.9623

	ROG	NOx	CO	SO2	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	lb/day										lb/day					
Mitigated	85.6703	371.6630	958.6212	3.3428	275.8508	3.4248	279.2755	73.7920	3.2157	77.0077		340,020.5630	340,020.5630	15.5384		340,409.0221
Unmitigated	85.6703	371.6630	958.6212	3.3428	275.8508	3.4248	279.2755	73.7920	3.2157	77.0077		340,020.5630	340,020.5630	15.5384		340,409.0221

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	6,821.76	6,157.14	5398.80	14,413,619	14,413,619
Apartments Mid Rise	5,457.41	4,925.71	4319.04	11,530,895	11,530,895
Condo/Townhouse	1,364.35	1,231.43	1079.76	2,882,724	2,882,724
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	1,465.51	332.73	110.88	2,452,885	2,452,885
Hotel	2,970.31	4,359.74	3336.08	7,116,849	7,116,849
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	36,411.14	39,327.11	3671.18	71,036,050	71,036,050
Total	54,490.48	56,333.86	17,915.74	109,433,021	109,433,021

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 High Rise	6.07	6.07	6.07	40.20	19.20	40.60	100	0	0
Apartments Mid Rise	6.07	6.07	6.07	40.20	19.20	40.60	100	0	0
Condo/Townhouse	6.07	6.07	6.07	40.20	19.20	40.60	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	6.07	6.07	6.07	33.00	48.00	19.00	100	0	0
Hotel	6.07	6.07	6.07	19.40	61.60	19.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	6.07	6.07	6.07	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Apartments Mid Rise	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Condo/Townhouse	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Enclosed Parking with Elevator	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
General Office Building	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Hotel	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Parking Lot	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Regional Shopping Center	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Natural Gas Mitigated	1.1895	10.3085	5.3775	0.0649		0.8219	0.8219		0.8219	0.8219			12,976.64	12,976.645	0.2487	0.2379	13,053.75
											56	6					93

Natural Gas Unmitigated	1.1895	10.3085	5.3775	0.0649		0.8219	0.8219		0.8219	0.8219		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593
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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 High Rise	39674.1	0.4279	3.6562	1.5559	0.0233		0.2956	0.2956		0.2956	0.2956		4,667.5359	4,667.5359	0.0895	0.0856	4,695.2727
Apartments Mid Rise	31739.2	0.3423	2.9250	1.2447	0.0187		0.2365	0.2365		0.2365	0.2365		3,734.0287	3,734.0287	0.0716	0.0685	3,756.2182
Condo/Townhouse	14503.3	0.1564	1.3366	0.5688	8.5300e-003		0.1081	0.1081		0.1081	0.1081		1,706.2656	1,706.2656	0.0327	0.0313	1,716.4051
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	3235.07	0.0349	0.3172	0.2664	1.9000e-003		0.0241	0.0241		0.0241	0.0241		380.5963	380.5963	7.2900e-003	6.9800e-003	382.8580
Hotel	16343.3	0.1763	1.6023	1.3459	9.6100e-003		0.1218	0.1218		0.1218	0.1218		1,922.7397	1,922.7397	0.0369	0.0353	1,934.1656
Parking Lot	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
Regional Shopping Center	4806.58	0.0518	0.4712	0.3958	2.8300e-003		0.0358	0.0358		0.0358	0.0358		565.4795	565.4795	0.0108	0.0104	568.8398
Total		1.1895	10.3085	5.3775	0.0649		0.8218	0.8218		0.8218	0.8218		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593

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 High Rise	39.6741	0.4279	3.6562	1.5559	0.0233		0.2956	0.2956		0.2956	0.2956		4,667.5359	4,667.5359	0.0895	0.0856	4,695.2727
Apartments Mid Rise	31.7392	0.3423	2.9250	1.2447	0.0187		0.2365	0.2365		0.2365	0.2365		3,734.0287	3,734.0287	0.0716	0.0685	3,756.2182
Condo/Townhouse	14.5033	0.1564	1.3366	0.5688	8.5300e-003		0.1081	0.1081		0.1081	0.1081		1,706.2656	1,706.2656	0.0327	0.0313	1,716.4051
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	3.23507	0.0349	0.3172	0.2664	1.9000e-003		0.0241	0.0241		0.0241	0.0241		380.5963	380.5963	7.2900e-003	6.9800e-003	382.8580
Hotel	16.3433	0.1763	1.6023	1.3459	9.6100e-003		0.1218	0.1218		0.1218	0.1218		1,922.7397	1,922.7397	0.0369	0.0353	1,934.1656
Parking Lot	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
Regional Shopping Center	4.80658	0.0518	0.4712	0.3958	2.8300e-003		0.0358	0.0358		0.0358	0.0358		565.4795	565.4795	0.0108	0.0104	568.8398
Total		1.1895	10.3085	5.3775	0.0649		0.8218	0.8218		0.8218	0.8218		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593

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	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809
Unmitigated	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809

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	9.1321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	90.1308					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	7.4466	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755		447.4599	447.4599	0.4288		458.1809
Total	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809

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	9.1321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	90.1308					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	7.4466	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755		447.4599	447.4599	0.4288		458.1809
Total	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809

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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Westminster Mall Operations - Orange County, Winter

**Westminster Mall Operations
Orange County, Winter**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	180.00	1000sqft	2.07	180,000.00	0
Enclosed Parking with Elevator	1,825.76	1000sqft	8.38	1,825,760.00	0
Enclosed Parking with Elevator	342.33	1000sqft	3.93	342,330.00	0
Enclosed Parking with Elevator	342.33	1000sqft	0.00	342,330.00	0
Enclosed Parking with Elevator	798.77	1000sqft	0.00	798,770.00	0
Enclosed Parking with Elevator	798.77	1000sqft	4.58	798,770.00	0
Enclosed Parking with Elevator	880.77	1000sqft	20.22	880,773.00	0
Enclosed Parking with Elevator	1,168.41	1000sqft	28.03	1,168,407.00	0
Parking Lot	456.44	1000sqft	10.48	456,440.00	0
Hotel	425.00	Room	1.79	233,750.00	0
Apartments High Rise	1,500.00	Dwelling Unit	3.83	1,500,000.00	4290
Apartments Mid Rise	1,200.00	Dwelling Unit	5.51	1,200,000.00	3432
Condo/Townhouse	300.00	Dwelling Unit	2.30	300,000.00	858
Regional Shopping Center	1,020.00	1000sqft	11.71	1,020,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8	Operational Year		2040	
Utility Company	Southern California Edison				

CO2 Intensity (lb/MWhr) 510.44

CH4 Intensity (lb/MWhr) 0.029

N2O Intensity (lb/MWhr) 0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2018 SCE Sustainability Report

Land Use - see assumptions file for calculations

Construction Phase -

Vehicle Trips - based on data from F&P

Woodstoves - no fireplaces

Area Coating - only accounts for parking area

Energy Use - T24 30% reduction applied to nonres and res structures 4 stories or taller

Water And Wastewater - see USS section for WSA values

Solid Waste -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	396815	273864
tblEnergyUse	T24E	179.76	125.83
tblEnergyUse	T24E	179.76	125.83
tblEnergyUse	T24E	3.92	2.74
tblEnergyUse	T24E	4.71	3.30
tblEnergyUse	T24E	2.77	1.94
tblEnergyUse	T24E	2.93	2.05
tblEnergyUse	T24NG	5,911.46	4,138.02
tblEnergyUse	T24NG	5,911.46	4,138.02
tblEnergyUse	T24NG	8.59	6.01
tblEnergyUse	T24NG	29.10	20.37
tblEnergyUse	T24NG	0.95	0.67
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

tblFireplaces	NumberGas	1,275.00	0.00
tblFireplaces	NumberGas	1,020.00	0.00
tblFireplaces	NumberGas	255.00	0.00
tblFireplaces	NumberNoFireplace	150.00	0.00
tblFireplaces	NumberNoFireplace	120.00	0.00
tblFireplaces	NumberNoFireplace	30.00	0.00
tblFireplaces	NumberWood	75.00	0.00
tblFireplaces	NumberWood	60.00	0.00
tblFireplaces	NumberWood	15.00	0.00
tblLandUse	LandUseSquareFeet	1,168,410.00	1,168,407.00
tblLandUse	LandUseSquareFeet	880,770.00	880,773.00
tblLandUse	LandUseSquareFeet	617,100.00	233,750.00
tblLandUse	LotAcreage	4.13	2.07
tblLandUse	LotAcreage	26.82	28.03
tblLandUse	LotAcreage	41.91	8.38
tblLandUse	LotAcreage	7.86	3.93
tblLandUse	LotAcreage	7.86	0.00
tblLandUse	LotAcreage	18.34	0.00
tblLandUse	LotAcreage	18.34	4.58
tblLandUse	LotAcreage	14.17	1.79
tblLandUse	LotAcreage	24.19	3.83
tblLandUse	LotAcreage	31.58	5.51
tblLandUse	LotAcreage	18.75	2.30
tblLandUse	LotAcreage	23.42	11.71
tblProjectCharacteristics	CO2IntensityFactor	702.44	510.44
tblVehicleEF	HHD	0.27	0.68
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	0.09
tblVehicleEF	HHD	1.22	2.50
tblVehicleEF	HHD	1.33	1.28
tblVehicleEF	HHD	5.58	4.02

tblVehicleEF	HHD	3,524.59	4,165.36
tblVehicleEF	HHD	1,507.73	1,705.02
tblVehicleEF	HHD	16.98	12.47
tblVehicleEF	HHD	10.22	21.32
tblVehicleEF	HHD	1.18	4.38
tblVehicleEF	HHD	18.50	19.32
tblVehicleEF	HHD	1.8500e-003	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.2400e-004
tblVehicleEF	HHD	1.7690e-003	0.02
tblVehicleEF	HHD	8.6770e-003	8.6780e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.1400e-004
tblVehicleEF	HHD	1.7200e-004	1.2700e-004
tblVehicleEF	HHD	6.7530e-003	5.4480e-003
tblVehicleEF	HHD	0.30	0.60
tblVehicleEF	HHD	1.3900e-004	9.4000e-005
tblVehicleEF	HHD	0.08	0.14
tblVehicleEF	HHD	6.3500e-004	5.1600e-004
tblVehicleEF	HHD	0.09	0.11
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	2.6000e-004	1.9100e-004
tblVehicleEF	HHD	1.7200e-004	1.2700e-004
tblVehicleEF	HHD	6.7530e-003	5.4480e-003
tblVehicleEF	HHD	0.36	0.72
tblVehicleEF	HHD	1.3900e-004	9.4000e-005
tblVehicleEF	HHD	0.25	0.31
tblVehicleEF	HHD	6.3500e-004	5.1600e-004

tblVehicleEF	HHD	0.10	0.12
tblVehicleEF	HHD	0.26	0.64
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	0.09
tblVehicleEF	HHD	0.89	1.82
tblVehicleEF	HHD	1.34	1.29
tblVehicleEF	HHD	5.32	3.83
tblVehicleEF	HHD	3,733.99	4,410.69
tblVehicleEF	HHD	1,507.73	1,705.02
tblVehicleEF	HHD	16.98	12.47
tblVehicleEF	HHD	10.55	21.99
tblVehicleEF	HHD	1.12	4.15
tblVehicleEF	HHD	18.49	19.31
tblVehicleEF	HHD	1.5590e-003	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.2400e-004
tblVehicleEF	HHD	1.4920e-003	0.02
tblVehicleEF	HHD	8.6770e-003	8.6780e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.1400e-004
tblVehicleEF	HHD	2.4200e-004	1.8300e-004
tblVehicleEF	HHD	6.8640e-003	5.5360e-003
tblVehicleEF	HHD	0.28	0.57
tblVehicleEF	HHD	1.8600e-004	1.3500e-004
tblVehicleEF	HHD	0.08	0.14
tblVehicleEF	HHD	6.0800e-004	5.0200e-004
tblVehicleEF	HHD	0.09	0.10
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	0.01	0.02

tblVehicleEF	HHD	2.5600e-004	1.8800e-004
tblVehicleEF	HHD	2.4200e-004	1.8300e-004
tblVehicleEF	HHD	6.8640e-003	5.5360e-003
tblVehicleEF	HHD	0.34	0.68
tblVehicleEF	HHD	1.8600e-004	1.3500e-004
tblVehicleEF	HHD	0.25	0.31
tblVehicleEF	HHD	6.0800e-004	5.0200e-004
tblVehicleEF	HHD	0.10	0.11
tblVehicleEF	HHD	0.30	0.73
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	0.09
tblVehicleEF	HHD	1.68	3.44
tblVehicleEF	HHD	1.33	1.28
tblVehicleEF	HHD	5.63	4.06
tblVehicleEF	HHD	3,235.42	3,826.56
tblVehicleEF	HHD	1,507.73	1,705.02
tblVehicleEF	HHD	16.98	12.47
tblVehicleEF	HHD	9.77	20.38
tblVehicleEF	HHD	1.16	4.31
tblVehicleEF	HHD	18.51	19.33
tblVehicleEF	HHD	2.2500e-003	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.2400e-004
tblVehicleEF	HHD	2.1530e-003	0.03
tblVehicleEF	HHD	8.6770e-003	8.6780e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.1400e-004
tblVehicleEF	HHD	1.6100e-004	1.2800e-004
tblVehicleEF	HHD	7.0210e-003	5.9880e-003

tblVehicleEF	HHD	0.32	0.65
tblVehicleEF	HHD	1.3600e-004	9.6000e-005
tblVehicleEF	HHD	0.08	0.14
tblVehicleEF	HHD	6.9900e-004	5.5700e-004
tblVehicleEF	HHD	0.10	0.11
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	2.6100e-004	1.9200e-004
tblVehicleEF	HHD	1.6100e-004	1.2800e-004
tblVehicleEF	HHD	7.0210e-003	5.9880e-003
tblVehicleEF	HHD	0.39	0.77
tblVehicleEF	HHD	1.3600e-004	9.6000e-005
tblVehicleEF	HHD	0.25	0.31
tblVehicleEF	HHD	6.9900e-004	5.5700e-004
tblVehicleEF	HHD	0.10	0.12
tblVehicleEF	LDA	1.3310e-003	4.7780e-003
tblVehicleEF	LDA	6.4600e-004	5.9450e-003
tblVehicleEF	LDA	0.26	0.62
tblVehicleEF	LDA	0.32	1.22
tblVehicleEF	LDA	166.81	274.63
tblVehicleEF	LDA	35.50	60.47
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	0.01	0.08
tblVehicleEF	LDA	6.9300e-004	1.9490e-003
tblVehicleEF	LDA	9.8200e-004	2.2950e-003
tblVehicleEF	LDA	6.3800e-004	1.7970e-003
tblVehicleEF	LDA	9.0300e-004	2.1100e-003
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	3.3450e-003	0.01

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7150e-003	0.08
tblVehicleEF	LDA	1.6680e-003	2.7500e-003
tblVehicleEF	LDA	3.6000e-004	6.2500e-004
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	4.8620e-003	0.02
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.5420e-003	0.09
tblVehicleEF	LDA	1.4090e-003	5.0430e-003
tblVehicleEF	LDA	5.8300e-004	5.3400e-003
tblVehicleEF	LDA	0.28	0.67
tblVehicleEF	LDA	0.28	1.06
tblVehicleEF	LDA	173.84	286.20
tblVehicleEF	LDA	35.50	60.47
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	0.01	0.07
tblVehicleEF	LDA	6.9300e-004	1.9490e-003
tblVehicleEF	LDA	9.8200e-004	2.2950e-003
tblVehicleEF	LDA	6.3800e-004	1.7970e-003
tblVehicleEF	LDA	9.0300e-004	2.1100e-003
tblVehicleEF	LDA	0.02	0.06
tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	3.5380e-003	0.01
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.8600e-003	0.07
tblVehicleEF	LDA	1.7390e-003	2.8670e-003
tblVehicleEF	LDA	3.5900e-004	6.2300e-004
tblVehicleEF	LDA	0.02	0.06

tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	5.1440e-003	0.02
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.6060e-003	0.08
tblVehicleEF	LDA	1.3050e-003	4.6870e-003
tblVehicleEF	LDA	6.5900e-004	6.0690e-003
tblVehicleEF	LDA	0.25	0.60
tblVehicleEF	LDA	0.33	1.26
tblVehicleEF	LDA	164.22	270.36
tblVehicleEF	LDA	35.50	60.47
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	0.01	0.08
tblVehicleEF	LDA	6.9300e-004	1.9490e-003
tblVehicleEF	LDA	9.8200e-004	2.2950e-003
tblVehicleEF	LDA	6.3800e-004	1.7970e-003
tblVehicleEF	LDA	9.0300e-004	2.1100e-003
tblVehicleEF	LDA	9.9660e-003	0.04
tblVehicleEF	LDA	0.03	0.11
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	3.2800e-003	0.01
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	8.8910e-003	0.08
tblVehicleEF	LDA	1.6420e-003	2.7070e-003
tblVehicleEF	LDA	3.6000e-004	6.2600e-004
tblVehicleEF	LDA	9.9660e-003	0.04
tblVehicleEF	LDA	0.03	0.11
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	4.7680e-003	0.02
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	9.7350e-003	0.09

tblVehicleEF	LDT1	1.9890e-003	0.01
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tblVehicleEF	LDT1	0.51	3.03
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tblVehicleEF	LDT1	0.02	0.12
tblVehicleEF	LDT1	0.02	0.18
tblVehicleEF	LDT1	9.0100e-004	2.6710e-003
tblVehicleEF	LDT1	1.3210e-003	3.4230e-003
tblVehicleEF	LDT1	8.2900e-004	2.4590e-003
tblVehicleEF	LDT1	1.2150e-003	3.1480e-003
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.27
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	4.9320e-003	0.03
tblVehicleEF	LDT1	0.05	0.17
tblVehicleEF	LDT1	0.02	0.21
tblVehicleEF	LDT1	2.1450e-003	3.3550e-003
tblVehicleEF	LDT1	4.7600e-004	7.8900e-004
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.27
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	7.1940e-003	0.04
tblVehicleEF	LDT1	0.05	0.17
tblVehicleEF	LDT1	0.02	0.23
tblVehicleEF	LDT1	2.1030e-003	0.01
tblVehicleEF	LDT1	1.2280e-003	0.01
tblVehicleEF	LDT1	0.38	1.40
tblVehicleEF	LDT1	0.44	2.61
tblVehicleEF	LDT1	223.11	347.44

tblVehicleEF	LDT1	46.84	73.56
tblVehicleEF	LDT1	0.02	0.11
tblVehicleEF	LDT1	0.02	0.17
tblVehicleEF	LDT1	9.0100e-004	2.6710e-003
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tblVehicleEF	LDT1	0.06	0.28
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	5.2130e-003	0.03
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	0.02	0.19
tblVehicleEF	LDT1	2.2330e-003	3.4910e-003
tblVehicleEF	LDT1	4.7500e-004	7.8100e-004
tblVehicleEF	LDT1	0.04	0.19
tblVehicleEF	LDT1	0.06	0.28
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	7.6040e-003	0.04
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	0.02	0.21
tblVehicleEF	LDT1	1.9510e-003	0.01
tblVehicleEF	LDT1	1.3890e-003	0.02
tblVehicleEF	LDT1	0.34	1.26
tblVehicleEF	LDT1	0.52	3.12
tblVehicleEF	LDT1	211.06	328.99
tblVehicleEF	LDT1	46.84	73.56
tblVehicleEF	LDT1	0.02	0.12
tblVehicleEF	LDT1	0.02	0.19
tblVehicleEF	LDT1	9.0100e-004	2.6710e-003
tblVehicleEF	LDT1	1.3210e-003	3.4230e-003

tblVehicleEF	LDT1	8.2900e-004	2.4590e-003
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tblVehicleEF	LDT1	0.06	0.31
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	4.8380e-003	0.03
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.02	0.22
tblVehicleEF	LDT1	2.1120e-003	3.3050e-003
tblVehicleEF	LDT1	4.7600e-004	7.9000e-004
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.31
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	7.0560e-003	0.04
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.02	0.24
tblVehicleEF	LDT2	2.0210e-003	6.2570e-003
tblVehicleEF	LDT2	1.1870e-003	7.5390e-003
tblVehicleEF	LDT2	0.39	0.79
tblVehicleEF	LDT2	0.50	1.57
tblVehicleEF	LDT2	243.72	381.95
tblVehicleEF	LDT2	52.36	84.25
tblVehicleEF	LDT2	0.02	0.08
tblVehicleEF	LDT2	0.02	0.13
tblVehicleEF	LDT2	8.2500e-004	1.8030e-003
tblVehicleEF	LDT2	1.1590e-003	2.1770e-003
tblVehicleEF	LDT2	7.5900e-004	1.6590e-003
tblVehicleEF	LDT2	1.0660e-003	2.0020e-003
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.11
tblVehicleEF	LDT2	0.02	0.05

tblVehicleEF	LDT2	5.0340e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4390e-003	3.8250e-003
tblVehicleEF	LDT2	5.3100e-004	8.6900e-004
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.11
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	7.3330e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	2.1370e-003	6.6030e-003
tblVehicleEF	LDT2	1.1030e-003	6.7840e-003
tblVehicleEF	LDT2	0.43	0.86
tblVehicleEF	LDT2	0.46	1.36
tblVehicleEF	LDT2	253.76	397.64
tblVehicleEF	LDT2	52.36	84.25
tblVehicleEF	LDT2	0.02	0.07
tblVehicleEF	LDT2	0.02	0.13
tblVehicleEF	LDT2	8.2500e-004	1.8030e-003
tblVehicleEF	LDT2	1.1590e-003	2.1770e-003
tblVehicleEF	LDT2	7.5900e-004	1.6590e-003
tblVehicleEF	LDT2	1.0660e-003	2.0020e-003
tblVehicleEF	LDT2	0.03	0.07
tblVehicleEF	LDT2	0.04	0.12
tblVehicleEF	LDT2	0.03	0.07
tblVehicleEF	LDT2	5.3210e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.5400e-003	3.9830e-003
tblVehicleEF	LDT2	5.3000e-004	8.6500e-004

tblVehicleEF	LDT2	0.03	0.07
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tblVehicleEF	LDT2	0.03	0.07
tblVehicleEF	LDT2	7.7520e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	1.9820e-003	6.1400e-003
tblVehicleEF	LDT2	1.2050e-003	7.6940e-003
tblVehicleEF	LDT2	0.38	0.76
tblVehicleEF	LDT2	0.51	1.61
tblVehicleEF	LDT2	240.01	376.16
tblVehicleEF	LDT2	52.36	84.25
tblVehicleEF	LDT2	0.02	0.08
tblVehicleEF	LDT2	0.02	0.14
tblVehicleEF	LDT2	8.2500e-004	1.8030e-003
tblVehicleEF	LDT2	1.1590e-003	2.1770e-003
tblVehicleEF	LDT2	7.5900e-004	1.6590e-003
tblVehicleEF	LDT2	1.0660e-003	2.0020e-003
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.12
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	4.9370e-003	0.02
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4020e-003	3.7670e-003
tblVehicleEF	LDT2	5.3100e-004	8.7000e-004
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.12
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	7.1930e-003	0.02
tblVehicleEF	LDT2	0.04	0.07

tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LHD1	2.6490e-003	6.1090e-003
tblVehicleEF	LHD1	1.8170e-003	0.01
tblVehicleEF	LHD1	4.0590e-003	0.02
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.86
tblVehicleEF	LHD1	0.91	2.73
tblVehicleEF	LHD1	8.92	9.02
tblVehicleEF	LHD1	521.20	612.35
tblVehicleEF	LHD1	20.46	34.23
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.16	1.37
tblVehicleEF	LHD1	0.32	1.09
tblVehicleEF	LHD1	6.9800e-004	8.4400e-004
tblVehicleEF	LHD1	0.01	9.9690e-003
tblVehicleEF	LHD1	4.8780e-003	0.01
tblVehicleEF	LHD1	4.2400e-004	9.9400e-004
tblVehicleEF	LHD1	6.6800e-004	8.0700e-004
tblVehicleEF	LHD1	2.6790e-003	2.4920e-003
tblVehicleEF	LHD1	4.6530e-003	0.01
tblVehicleEF	LHD1	3.9000e-004	9.1500e-004
tblVehicleEF	LHD1	8.9900e-004	2.9160e-003
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tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.2700e-004	1.8220e-003
tblVehicleEF	LHD1	0.03	0.07
tblVehicleEF	LHD1	0.07	0.28
tblVehicleEF	LHD1	0.05	0.29
tblVehicleEF	LHD1	8.8000e-005	9.1000e-005
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tblVehicleEF	LHD1	8.9900e-004	2.9160e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.03
tblVehicleEF	LHD1	7.2700e-004	1.8220e-003
tblVehicleEF	LHD1	0.03	0.09
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tblVehicleEF	LHD1	0.06	0.32
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tblVehicleEF	LHD1	8.92	9.02
tblVehicleEF	LHD1	521.20	612.35
tblVehicleEF	LHD1	20.46	34.23
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.15	1.29
tblVehicleEF	LHD1	0.31	1.04
tblVehicleEF	LHD1	6.9800e-004	8.4400e-004
tblVehicleEF	LHD1	0.01	9.9690e-003
tblVehicleEF	LHD1	4.8780e-003	0.01
tblVehicleEF	LHD1	4.2400e-004	9.9400e-004
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tblVehicleEF	LHD1	2.6790e-003	2.4920e-003
tblVehicleEF	LHD1	4.6530e-003	0.01
tblVehicleEF	LHD1	3.9000e-004	9.1500e-004
tblVehicleEF	LHD1	1.2600e-003	4.0740e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.6400e-004	2.4870e-003

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tblVehicleEF	LHD1	0.07	0.27
tblVehicleEF	LHD1	0.05	0.28
tblVehicleEF	LHD1	8.8000e-005	9.1000e-005
tblVehicleEF	LHD1	5.0720e-003	6.0180e-003
tblVehicleEF	LHD1	2.2000e-004	3.9200e-004
tblVehicleEF	LHD1	1.2600e-003	4.0740e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.03
tblVehicleEF	LHD1	9.6400e-004	2.4870e-003
tblVehicleEF	LHD1	0.03	0.09
tblVehicleEF	LHD1	0.07	0.27
tblVehicleEF	LHD1	0.06	0.30
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tblVehicleEF	LHD1	1.8140e-003	0.01
tblVehicleEF	LHD1	4.0870e-003	0.02
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tblVehicleEF	LHD1	0.92	2.74
tblVehicleEF	LHD1	8.92	9.02
tblVehicleEF	LHD1	521.20	612.35
tblVehicleEF	LHD1	20.46	34.23
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.15	1.34
tblVehicleEF	LHD1	0.32	1.10
tblVehicleEF	LHD1	6.9800e-004	8.4400e-004
tblVehicleEF	LHD1	0.01	9.9690e-003
tblVehicleEF	LHD1	4.8780e-003	0.01
tblVehicleEF	LHD1	4.2400e-004	9.9400e-004
tblVehicleEF	LHD1	6.6800e-004	8.0700e-004
tblVehicleEF	LHD1	2.6790e-003	2.4920e-003

tblVehicleEF	LHD1	4.6530e-003	0.01
tblVehicleEF	LHD1	3.9000e-004	9.1500e-004
tblVehicleEF	LHD1	8.3800e-004	3.0560e-003
tblVehicleEF	LHD1	0.03	0.11
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.0700e-004	1.8520e-003
tblVehicleEF	LHD1	0.03	0.07
tblVehicleEF	LHD1	0.08	0.31
tblVehicleEF	LHD1	0.06	0.29
tblVehicleEF	LHD1	8.8000e-005	9.1000e-005
tblVehicleEF	LHD1	5.0720e-003	6.0180e-003
tblVehicleEF	LHD1	2.2000e-004	3.9400e-004
tblVehicleEF	LHD1	8.3800e-004	3.0560e-003
tblVehicleEF	LHD1	0.03	0.11
tblVehicleEF	LHD1	0.01	0.03
tblVehicleEF	LHD1	7.0700e-004	1.8520e-003
tblVehicleEF	LHD1	0.03	0.08
tblVehicleEF	LHD1	0.08	0.31
tblVehicleEF	LHD1	0.06	0.32
tblVehicleEF	LHD2	2.1700e-003	4.5740e-003
tblVehicleEF	LHD2	1.6130e-003	4.8900e-003
tblVehicleEF	LHD2	2.0550e-003	0.01
tblVehicleEF	LHD2	0.12	0.13
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tblVehicleEF	LHD2	0.80	1.51
tblVehicleEF	LHD2	13.31	13.66
tblVehicleEF	LHD2	561.16	627.61
tblVehicleEF	LHD2	21.12	29.47
tblVehicleEF	LHD2	0.05	0.10
tblVehicleEF	LHD2	0.05	1.00
tblVehicleEF	LHD2	0.19	0.65

tblVehicleEF	LHD2	8.6600e-004	1.1920e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	0.01
tblVehicleEF	LHD2	3.8300e-004	5.0700e-004
tblVehicleEF	LHD2	8.2800e-004	1.1400e-003
tblVehicleEF	LHD2	2.7110e-003	2.6350e-003
tblVehicleEF	LHD2	4.9300e-003	9.7610e-003
tblVehicleEF	LHD2	3.5200e-004	4.6600e-004
tblVehicleEF	LHD2	5.1000e-004	1.2770e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0700e-004	8.3500e-004
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.15
tblVehicleEF	LHD2	1.3000e-004	1.3400e-004
tblVehicleEF	LHD2	5.4510e-003	6.1210e-003
tblVehicleEF	LHD2	2.2400e-004	3.2300e-004
tblVehicleEF	LHD2	5.1000e-004	1.2770e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0700e-004	8.3500e-004
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.16
tblVehicleEF	LHD2	2.1700e-003	4.5740e-003
tblVehicleEF	LHD2	1.6200e-003	4.9510e-003
tblVehicleEF	LHD2	2.0430e-003	0.01
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.42
tblVehicleEF	LHD2	0.77	1.45

tblVehicleEF	LHD2	13.31	13.66
tblVehicleEF	LHD2	561.16	627.61
tblVehicleEF	LHD2	21.12	29.47
tblVehicleEF	LHD2	0.05	0.10
tblVehicleEF	LHD2	0.05	0.95
tblVehicleEF	LHD2	0.19	0.63
tblVehicleEF	LHD2	8.6600e-004	1.1920e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	0.01
tblVehicleEF	LHD2	3.8300e-004	5.0700e-004
tblVehicleEF	LHD2	8.2800e-004	1.1400e-003
tblVehicleEF	LHD2	2.7110e-003	2.6350e-003
tblVehicleEF	LHD2	4.9300e-003	9.7610e-003
tblVehicleEF	LHD2	3.5200e-004	4.6600e-004
tblVehicleEF	LHD2	7.1900e-004	1.7890e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4600e-004	1.1420e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.14
tblVehicleEF	LHD2	1.3000e-004	1.3400e-004
tblVehicleEF	LHD2	5.4510e-003	6.1210e-003
tblVehicleEF	LHD2	2.2400e-004	3.2200e-004
tblVehicleEF	LHD2	7.1900e-004	1.7890e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4600e-004	1.1420e-003
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.15

tblVehicleEF	LHD2	2.1700e-003	4.5740e-003
tblVehicleEF	LHD2	1.6110e-003	4.8740e-003
tblVehicleEF	LHD2	2.0570e-003	0.01
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.41
tblVehicleEF	LHD2	0.80	1.52
tblVehicleEF	LHD2	13.31	13.66
tblVehicleEF	LHD2	561.16	627.61
tblVehicleEF	LHD2	21.12	29.47
tblVehicleEF	LHD2	0.05	0.10
tblVehicleEF	LHD2	0.05	0.99
tblVehicleEF	LHD2	0.19	0.66
tblVehicleEF	LHD2	8.6600e-004	1.1920e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	0.01
tblVehicleEF	LHD2	3.8300e-004	5.0700e-004
tblVehicleEF	LHD2	8.2800e-004	1.1400e-003
tblVehicleEF	LHD2	2.7110e-003	2.6350e-003
tblVehicleEF	LHD2	4.9300e-003	9.7610e-003
tblVehicleEF	LHD2	3.5200e-004	4.6600e-004
tblVehicleEF	LHD2	4.8000e-004	1.3120e-003
tblVehicleEF	LHD2	0.01	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9900e-004	8.3800e-004
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.03	0.11
tblVehicleEF	LHD2	0.03	0.15
tblVehicleEF	LHD2	1.3000e-004	1.3400e-004
tblVehicleEF	LHD2	5.4510e-003	6.1210e-003
tblVehicleEF	LHD2	2.2400e-004	3.2300e-004
tblVehicleEF	LHD2	4.8000e-004	1.3120e-003

tblVehicleEF	LHD2	0.01	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9900e-004	8.3800e-004
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	0.03	0.11
tblVehicleEF	LHD2	0.03	0.16
tblVehicleEF	MCY	0.49	0.48
tblVehicleEF	MCY	0.14	0.15
tblVehicleEF	MCY	16.89	18.92
tblVehicleEF	MCY	9.80	9.54
tblVehicleEF	MCY	179.88	176.85
tblVehicleEF	MCY	41.42	45.71
tblVehicleEF	MCY	1.11	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.4660e-003	2.0750e-003
tblVehicleEF	MCY	3.3730e-003	4.0210e-003
tblVehicleEF	MCY	2.2990e-003	1.9420e-003
tblVehicleEF	MCY	3.1470e-003	3.7960e-003
tblVehicleEF	MCY	1.15	1.14
tblVehicleEF	MCY	0.63	0.71
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	2.27	2.40
tblVehicleEF	MCY	0.45	0.67
tblVehicleEF	MCY	1.94	2.07
tblVehicleEF	MCY	2.1440e-003	2.1490e-003
tblVehicleEF	MCY	6.3100e-004	6.7400e-004
tblVehicleEF	MCY	1.15	1.14
tblVehicleEF	MCY	0.63	0.71
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	2.85	2.97
tblVehicleEF	MCY	0.45	0.67

tblVehicleEF	MCY	2.12	2.25
tblVehicleEF	MCY	0.48	0.47
tblVehicleEF	MCY	0.13	0.14
tblVehicleEF	MCY	16.35	18.20
tblVehicleEF	MCY	8.96	8.80
tblVehicleEF	MCY	179.88	176.85
tblVehicleEF	MCY	41.42	45.71
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.4660e-003	2.0750e-003
tblVehicleEF	MCY	3.3730e-003	4.0210e-003
tblVehicleEF	MCY	2.2990e-003	1.9420e-003
tblVehicleEF	MCY	3.1470e-003	3.7960e-003
tblVehicleEF	MCY	1.73	1.71
tblVehicleEF	MCY	0.69	0.74
tblVehicleEF	MCY	1.06	1.13
tblVehicleEF	MCY	2.23	2.34
tblVehicleEF	MCY	0.42	0.63
tblVehicleEF	MCY	1.76	1.86
tblVehicleEF	MCY	2.1340e-003	2.1360e-003
tblVehicleEF	MCY	6.1200e-004	6.5500e-004
tblVehicleEF	MCY	1.73	1.71
tblVehicleEF	MCY	0.69	0.74
tblVehicleEF	MCY	1.06	1.13
tblVehicleEF	MCY	2.80	2.89
tblVehicleEF	MCY	0.42	0.63
tblVehicleEF	MCY	1.92	2.02
tblVehicleEF	MCY	0.49	0.48
tblVehicleEF	MCY	0.15	0.15
tblVehicleEF	MCY	16.97	19.03
tblVehicleEF	MCY	9.94	9.65

tblVehicleEF	MCY	179.88	176.85
tblVehicleEF	MCY	41.42	45.71
tblVehicleEF	MCY	1.08	1.09
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.4660e-003	2.0750e-003
tblVehicleEF	MCY	3.3730e-003	4.0210e-003
tblVehicleEF	MCY	2.2990e-003	1.9420e-003
tblVehicleEF	MCY	3.1470e-003	3.7960e-003
tblVehicleEF	MCY	1.27	1.26
tblVehicleEF	MCY	0.79	0.91
tblVehicleEF	MCY	0.70	0.76
tblVehicleEF	MCY	2.28	2.41
tblVehicleEF	MCY	0.54	0.76
tblVehicleEF	MCY	1.98	2.11
tblVehicleEF	MCY	2.1460e-003	2.1510e-003
tblVehicleEF	MCY	6.3500e-004	6.7700e-004
tblVehicleEF	MCY	1.27	1.26
tblVehicleEF	MCY	0.79	0.91
tblVehicleEF	MCY	0.70	0.76
tblVehicleEF	MCY	2.86	2.98
tblVehicleEF	MCY	0.54	0.76
tblVehicleEF	MCY	2.15	2.29
tblVehicleEF	MDV	2.8560e-003	0.01
tblVehicleEF	MDV	2.4420e-003	0.02
tblVehicleEF	MDV	0.48	1.39
tblVehicleEF	MDV	0.71	2.88
tblVehicleEF	MDV	323.90	514.66
tblVehicleEF	MDV	68.48	111.00
tblVehicleEF	MDV	0.03	0.15
tblVehicleEF	MDV	0.04	0.27
tblVehicleEF	MDV	9.1200e-004	1.9370e-003

tblVehicleEF	MDV	1.2590e-003	2.3370e-003
tblVehicleEF	MDV	8.4000e-004	1.7870e-003
tblVehicleEF	MDV	1.1580e-003	2.1510e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.08	0.16
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	7.2110e-003	0.04
tblVehicleEF	MDV	0.05	0.10
tblVehicleEF	MDV	0.03	0.22
tblVehicleEF	MDV	3.2370e-003	5.1570e-003
tblVehicleEF	MDV	6.9600e-004	1.1610e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.08	0.16
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.01	0.05
tblVehicleEF	MDV	0.05	0.10
tblVehicleEF	MDV	0.04	0.25
tblVehicleEF	MDV	3.0180e-003	0.01
tblVehicleEF	MDV	2.2310e-003	0.01
tblVehicleEF	MDV	0.52	1.50
tblVehicleEF	MDV	0.64	2.50
tblVehicleEF	MDV	336.82	535.20
tblVehicleEF	MDV	68.48	111.00
tblVehicleEF	MDV	0.03	0.14
tblVehicleEF	MDV	0.04	0.26
tblVehicleEF	MDV	9.1200e-004	1.9370e-003
tblVehicleEF	MDV	1.2590e-003	2.3370e-003
tblVehicleEF	MDV	8.4000e-004	1.7870e-003
tblVehicleEF	MDV	1.1580e-003	2.1510e-003
tblVehicleEF	MDV	0.06	0.10
tblVehicleEF	MDV	0.08	0.17

tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	7.6120e-003	0.04
tblVehicleEF	MDV	0.05	0.09
tblVehicleEF	MDV	0.03	0.20
tblVehicleEF	MDV	3.3670e-003	5.3640e-003
tblVehicleEF	MDV	6.9500e-004	1.1540e-003
tblVehicleEF	MDV	0.06	0.10
tblVehicleEF	MDV	0.08	0.17
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.01	0.05
tblVehicleEF	MDV	0.05	0.09
tblVehicleEF	MDV	0.03	0.22
tblVehicleEF	MDV	2.8010e-003	0.01
tblVehicleEF	MDV	2.4850e-003	0.02
tblVehicleEF	MDV	0.47	1.35
tblVehicleEF	MDV	0.73	2.96
tblVehicleEF	MDV	319.13	507.08
tblVehicleEF	MDV	68.48	111.00
tblVehicleEF	MDV	0.03	0.15
tblVehicleEF	MDV	0.04	0.28
tblVehicleEF	MDV	9.1200e-004	1.9370e-003
tblVehicleEF	MDV	1.2590e-003	2.3370e-003
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tblVehicleEF	MDV	1.1580e-003	2.1510e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.09	0.17
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	7.0760e-003	0.03
tblVehicleEF	MDV	0.06	0.11
tblVehicleEF	MDV	0.03	0.23
tblVehicleEF	MDV	3.1890e-003	5.0800e-003

tblVehicleEF	MDV	6.9600e-004	1.1620e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.09	0.17
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.01	0.05
tblVehicleEF	MDV	0.06	0.11
tblVehicleEF	MDV	0.04	0.25
tblVehicleEF	MH	3.5000e-003	0.03
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.18	2.58
tblVehicleEF	MH	2.99	5.94
tblVehicleEF	MH	1,058.61	1,111.80
tblVehicleEF	MH	55.54	58.76
tblVehicleEF	MH	0.56	1.52
tblVehicleEF	MH	0.51	0.81
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	1.2350e-003
tblVehicleEF	MH	3.2220e-003	3.2420e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	1.1410e-003
tblVehicleEF	MH	0.32	1.02
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	0.19	0.44
tblVehicleEF	MH	0.02	0.10
tblVehicleEF	MH	3.1200e-003	0.02
tblVehicleEF	MH	0.18	0.36
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	6.9200e-004
tblVehicleEF	MH	0.32	1.02
tblVehicleEF	MH	0.02	0.07

tblVehicleEF	MH	0.19	0.44
tblVehicleEF	MH	0.02	0.14
tblVehicleEF	MH	3.1200e-003	0.02
tblVehicleEF	MH	0.20	0.39
tblVehicleEF	MH	3.5630e-003	0.03
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.18	2.62
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tblVehicleEF	MH	1,058.61	1,111.80
tblVehicleEF	MH	55.54	58.76
tblVehicleEF	MH	0.53	1.41
tblVehicleEF	MH	0.49	0.78
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	1.2350e-003
tblVehicleEF	MH	3.2220e-003	3.2420e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	1.1410e-003
tblVehicleEF	MH	0.44	1.37
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	0.26	0.59
tblVehicleEF	MH	0.02	0.10
tblVehicleEF	MH	3.0230e-003	0.02
tblVehicleEF	MH	0.18	0.34
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0500e-004	6.8600e-004
tblVehicleEF	MH	0.44	1.37
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	0.26	0.59
tblVehicleEF	MH	0.02	0.14
tblVehicleEF	MH	3.0230e-003	0.02

tblVehicleEF	MH	0.19	0.38
tblVehicleEF	MH	3.4810e-003	0.03
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.18	2.56
tblVehicleEF	MH	3.02	5.98
tblVehicleEF	MH	1,058.61	1,111.80
tblVehicleEF	MH	55.54	58.76
tblVehicleEF	MH	0.55	1.49
tblVehicleEF	MH	0.52	0.82
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	1.2350e-003
tblVehicleEF	MH	3.2220e-003	3.2420e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	1.1410e-003
tblVehicleEF	MH	0.30	1.13
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	0.19	0.46
tblVehicleEF	MH	0.02	0.10
tblVehicleEF	MH	3.3540e-003	0.02
tblVehicleEF	MH	0.18	0.36
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0800e-004	6.9200e-004
tblVehicleEF	MH	0.30	1.13
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	0.19	0.46
tblVehicleEF	MH	0.02	0.14
tblVehicleEF	MH	3.3540e-003	0.02
tblVehicleEF	MH	0.20	0.40
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.6340e-003	7.0470e-003

tblVehicleEF	MHD	0.03	0.06
tblVehicleEF	MHD	0.30	0.43
tblVehicleEF	MHD	0.17	0.52
tblVehicleEF	MHD	2.36	6.64
tblVehicleEF	MHD	153.31	144.07
tblVehicleEF	MHD	1,095.45	1,146.33
tblVehicleEF	MHD	48.02	61.21
tblVehicleEF	MHD	0.39	0.91
tblVehicleEF	MHD	0.55	1.91
tblVehicleEF	MHD	11.90	10.60
tblVehicleEF	MHD	3.2000e-005	2.6680e-003
tblVehicleEF	MHD	2.7430e-003	0.05
tblVehicleEF	MHD	6.6800e-004	8.2900e-004
tblVehicleEF	MHD	3.0000e-005	2.5520e-003
tblVehicleEF	MHD	2.6210e-003	0.05
tblVehicleEF	MHD	6.1400e-004	7.6300e-004
tblVehicleEF	MHD	5.9800e-004	1.2010e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	4.8700e-004	7.6200e-004
tblVehicleEF	MHD	0.03	0.09
tblVehicleEF	MHD	9.7940e-003	0.02
tblVehicleEF	MHD	0.16	0.41
tblVehicleEF	MHD	1.4730e-003	1.3870e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	5.2200e-004	7.2900e-004
tblVehicleEF	MHD	5.9800e-004	1.2010e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	4.8700e-004	7.6200e-004
tblVehicleEF	MHD	0.03	0.11

tblVehicleEF	MHD	9.7940e-003	0.02
tblVehicleEF	MHD	0.18	0.45
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.6400e-003	7.1120e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.22	0.32
tblVehicleEF	MHD	0.17	0.52
tblVehicleEF	MHD	2.25	6.33
tblVehicleEF	MHD	162.39	152.59
tblVehicleEF	MHD	1,095.45	1,146.33
tblVehicleEF	MHD	48.02	61.21
tblVehicleEF	MHD	0.41	0.94
tblVehicleEF	MHD	0.52	1.81
tblVehicleEF	MHD	11.89	10.56
tblVehicleEF	MHD	2.7000e-005	2.2490e-003
tblVehicleEF	MHD	2.7430e-003	0.05
tblVehicleEF	MHD	6.6800e-004	8.2900e-004
tblVehicleEF	MHD	2.6000e-005	2.1520e-003
tblVehicleEF	MHD	2.6210e-003	0.05
tblVehicleEF	MHD	6.1400e-004	7.6300e-004
tblVehicleEF	MHD	8.4300e-004	1.6980e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	6.4800e-004	1.0640e-003
tblVehicleEF	MHD	0.03	0.09
tblVehicleEF	MHD	9.3880e-003	0.02
tblVehicleEF	MHD	0.15	0.39
tblVehicleEF	MHD	1.5580e-003	1.4670e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	5.2000e-004	7.2300e-004
tblVehicleEF	MHD	8.4300e-004	1.6980e-003

tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	6.4800e-004	1.0640e-003
tblVehicleEF	MHD	0.03	0.11
tblVehicleEF	MHD	9.3880e-003	0.02
tblVehicleEF	MHD	0.17	0.43
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.6320e-003	7.0270e-003
tblVehicleEF	MHD	0.03	0.06
tblVehicleEF	MHD	0.41	0.60
tblVehicleEF	MHD	0.17	0.51
tblVehicleEF	MHD	2.38	6.70
tblVehicleEF	MHD	140.76	132.28
tblVehicleEF	MHD	1,095.45	1,146.33
tblVehicleEF	MHD	48.02	61.21
tblVehicleEF	MHD	0.38	0.87
tblVehicleEF	MHD	0.54	1.88
tblVehicleEF	MHD	11.91	10.61
tblVehicleEF	MHD	3.9000e-005	3.2460e-003
tblVehicleEF	MHD	2.7430e-003	0.05
tblVehicleEF	MHD	6.6800e-004	8.2900e-004
tblVehicleEF	MHD	3.7000e-005	3.1060e-003
tblVehicleEF	MHD	2.6210e-003	0.05
tblVehicleEF	MHD	6.1400e-004	7.6300e-004
tblVehicleEF	MHD	5.5800e-004	1.2640e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	4.7500e-004	7.8200e-004
tblVehicleEF	MHD	0.03	0.09
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.16	0.41

tblVehicleEF	MHD	1.3540e-003	1.2760e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	5.2200e-004	7.3000e-004
tblVehicleEF	MHD	5.5800e-004	1.2640e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	4.7500e-004	7.8200e-004
tblVehicleEF	MHD	0.03	0.11
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.18	0.45
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.9590e-003	9.6820e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.24	0.28
tblVehicleEF	OBUS	0.22	0.66
tblVehicleEF	OBUS	3.76	5.92
tblVehicleEF	OBUS	73.88	84.60
tblVehicleEF	OBUS	1,173.76	1,232.54
tblVehicleEF	OBUS	67.02	70.26
tblVehicleEF	OBUS	0.15	0.47
tblVehicleEF	OBUS	0.42	1.72
tblVehicleEF	OBUS	1.87	2.16
tblVehicleEF	OBUS	1.4000e-005	2.1500e-004
tblVehicleEF	OBUS	2.3930e-003	8.7560e-003
tblVehicleEF	OBUS	1.0630e-003	8.2600e-004
tblVehicleEF	OBUS	1.3000e-005	2.0600e-004
tblVehicleEF	OBUS	2.2690e-003	8.3600e-003
tblVehicleEF	OBUS	9.7700e-004	7.6000e-004
tblVehicleEF	OBUS	1.4210e-003	1.4550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.04

tblVehicleEF	OBUS	8.4900e-004	7.7300e-004
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.25	0.38
tblVehicleEF	OBUS	7.1700e-004	8.2000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3600e-004	8.0700e-004
tblVehicleEF	OBUS	1.4210e-003	1.4550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	8.4900e-004	7.7300e-004
tblVehicleEF	OBUS	0.03	0.08
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.28	0.41
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.9990e-003	9.8490e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.24	0.27
tblVehicleEF	OBUS	0.22	0.67
tblVehicleEF	OBUS	3.57	5.62
tblVehicleEF	OBUS	77.29	88.61
tblVehicleEF	OBUS	1,173.76	1,232.54
tblVehicleEF	OBUS	67.02	70.26
tblVehicleEF	OBUS	0.16	0.48
tblVehicleEF	OBUS	0.39	1.62
tblVehicleEF	OBUS	1.84	2.12
tblVehicleEF	OBUS	1.2000e-005	1.8100e-004
tblVehicleEF	OBUS	2.3930e-003	8.7560e-003
tblVehicleEF	OBUS	1.0630e-003	8.2600e-004
tblVehicleEF	OBUS	1.1000e-005	1.7400e-004
tblVehicleEF	OBUS	2.2690e-003	8.3600e-003

tblVehicleEF	OBUS	9.7700e-004	7.6000e-004
tblVehicleEF	OBUS	1.9590e-003	2.0020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	1.1400e-003	1.0680e-003
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.24	0.36
tblVehicleEF	OBUS	7.4900e-004	8.5800e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3300e-004	8.0100e-004
tblVehicleEF	OBUS	1.9590e-003	2.0020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.1400e-003	1.0680e-003
tblVehicleEF	OBUS	0.03	0.08
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.26	0.40
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.9470e-003	9.6320e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.25	0.30
tblVehicleEF	OBUS	0.22	0.65
tblVehicleEF	OBUS	3.80	5.97
tblVehicleEF	OBUS	69.16	79.07
tblVehicleEF	OBUS	1,173.76	1,232.54
tblVehicleEF	OBUS	67.02	70.26
tblVehicleEF	OBUS	0.15	0.45
tblVehicleEF	OBUS	0.41	1.68
tblVehicleEF	OBUS	1.87	2.17
tblVehicleEF	OBUS	1.7000e-005	2.6200e-004

tblVehicleEF	OBUS	2.3930e-003	8.7560e-003
tblVehicleEF	OBUS	1.0630e-003	8.2600e-004
tblVehicleEF	OBUS	1.6000e-005	2.5100e-004
tblVehicleEF	OBUS	2.2690e-003	8.3600e-003
tblVehicleEF	OBUS	9.7700e-004	7.6000e-004
tblVehicleEF	OBUS	1.3600e-003	1.4980e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	8.2200e-004	7.7300e-004
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.25	0.38
tblVehicleEF	OBUS	6.7200e-004	7.6700e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3700e-004	8.0800e-004
tblVehicleEF	OBUS	1.3600e-003	1.4980e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	8.2200e-004	7.7300e-004
tblVehicleEF	OBUS	0.03	0.08
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.28	0.42
tblVehicleEF	SBUS	0.84	0.88
tblVehicleEF	SBUS	3.6520e-003	0.02
tblVehicleEF	SBUS	0.05	0.09
tblVehicleEF	SBUS	10.03	8.02
tblVehicleEF	SBUS	0.26	1.27
tblVehicleEF	SBUS	6.64	9.90
tblVehicleEF	SBUS	923.59	1,146.39
tblVehicleEF	SBUS	973.77	1,099.72
tblVehicleEF	SBUS	69.27	52.78

tblVehicleEF	SBUS	1.73	10.48
tblVehicleEF	SBUS	0.81	5.04
tblVehicleEF	SBUS	9.21	12.79
tblVehicleEF	SBUS	1.2900e-004	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	0.03
tblVehicleEF	SBUS	1.5060e-003	9.2400e-004
tblVehicleEF	SBUS	1.2400e-004	0.01
tblVehicleEF	SBUS	2.5630e-003	2.6900e-003
tblVehicleEF	SBUS	2.4180e-003	0.03
tblVehicleEF	SBUS	1.3850e-003	8.4900e-004
tblVehicleEF	SBUS	5.2260e-003	3.9220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.22	0.97
tblVehicleEF	SBUS	3.1760e-003	1.9880e-003
tblVehicleEF	SBUS	0.04	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.39	0.52
tblVehicleEF	SBUS	9.1690e-003	0.01
tblVehicleEF	SBUS	9.4130e-003	0.01
tblVehicleEF	SBUS	8.0800e-004	7.0000e-004
tblVehicleEF	SBUS	5.2260e-003	3.9220e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.77	1.40
tblVehicleEF	SBUS	3.1760e-003	1.9880e-003
tblVehicleEF	SBUS	0.05	0.17
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.42	0.57
tblVehicleEF	SBUS	0.84	0.88
tblVehicleEF	SBUS	3.6960e-003	0.02
tblVehicleEF	SBUS	0.04	0.08

tblVehicleEF	SBUS	10.00	7.89
tblVehicleEF	SBUS	0.26	1.29
tblVehicleEF	SBUS	5.49	8.18
tblVehicleEF	SBUS	958.17	1,199.03
tblVehicleEF	SBUS	973.77	1,099.72
tblVehicleEF	SBUS	69.27	52.78
tblVehicleEF	SBUS	1.79	10.82
tblVehicleEF	SBUS	0.77	4.75
tblVehicleEF	SBUS	9.18	12.76
tblVehicleEF	SBUS	1.0900e-004	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	0.03
tblVehicleEF	SBUS	1.5060e-003	9.2400e-004
tblVehicleEF	SBUS	1.0400e-004	9.7020e-003
tblVehicleEF	SBUS	2.5630e-003	2.6900e-003
tblVehicleEF	SBUS	2.4180e-003	0.03
tblVehicleEF	SBUS	1.3850e-003	8.4900e-004
tblVehicleEF	SBUS	7.1920e-003	5.3460e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.22	0.97
tblVehicleEF	SBUS	4.2360e-003	2.7350e-003
tblVehicleEF	SBUS	0.04	0.14
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.35	0.47
tblVehicleEF	SBUS	9.4990e-003	0.01
tblVehicleEF	SBUS	9.4130e-003	0.01
tblVehicleEF	SBUS	7.8900e-004	6.7100e-004
tblVehicleEF	SBUS	7.1920e-003	5.3460e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.77	1.40
tblVehicleEF	SBUS	4.2360e-003	2.7350e-003

tblVehicleEF	SBUS	0.05	0.17
tblVehicleEF	SBUS	0.02	0.02
tblVehicleEF	SBUS	0.38	0.52
tblVehicleEF	SBUS	0.84	0.88
tblVehicleEF	SBUS	3.6400e-003	0.02
tblVehicleEF	SBUS	0.05	0.09
tblVehicleEF	SBUS	10.07	8.20
tblVehicleEF	SBUS	0.26	1.27
tblVehicleEF	SBUS	6.75	10.06
tblVehicleEF	SBUS	875.85	1,073.69
tblVehicleEF	SBUS	973.77	1,099.72
tblVehicleEF	SBUS	69.27	52.78
tblVehicleEF	SBUS	1.66	10.02
tblVehicleEF	SBUS	0.80	4.95
tblVehicleEF	SBUS	9.21	12.80
tblVehicleEF	SBUS	1.5700e-004	0.01
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	2.5550e-003	0.03
tblVehicleEF	SBUS	1.5060e-003	9.2400e-004
tblVehicleEF	SBUS	1.5000e-004	0.01
tblVehicleEF	SBUS	2.5630e-003	2.6900e-003
tblVehicleEF	SBUS	2.4180e-003	0.03
tblVehicleEF	SBUS	1.3850e-003	8.4900e-004
tblVehicleEF	SBUS	4.9380e-003	4.0560e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.22	0.98
tblVehicleEF	SBUS	3.0650e-003	1.9630e-003
tblVehicleEF	SBUS	0.04	0.14
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.39	0.53
tblVehicleEF	SBUS	8.7140e-003	0.01

tblVehicleEF	SBUS	9.4130e-003	0.01
tblVehicleEF	SBUS	8.1000e-004	7.0200e-004
tblVehicleEF	SBUS	4.9380e-003	4.0560e-003
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	1.77	1.41
tblVehicleEF	SBUS	3.0650e-003	1.9630e-003
tblVehicleEF	SBUS	0.05	0.17
tblVehicleEF	SBUS	0.03	0.02
tblVehicleEF	SBUS	0.43	0.58
tblVehicleEF	UBUS	0.94	2.05
tblVehicleEF	UBUS	0.05	0.07
tblVehicleEF	UBUS	4.36	9.40
tblVehicleEF	UBUS	7.61	13.37
tblVehicleEF	UBUS	1,705.12	1,845.89
tblVehicleEF	UBUS	144.21	131.11
tblVehicleEF	UBUS	0.95	5.44
tblVehicleEF	UBUS	11.88	13.69
tblVehicleEF	UBUS	0.49	0.54
tblVehicleEF	UBUS	5.9750e-003	0.05
tblVehicleEF	UBUS	1.6450e-003	1.1180e-003
tblVehicleEF	UBUS	0.21	0.23
tblVehicleEF	UBUS	5.6750e-003	0.04
tblVehicleEF	UBUS	1.5130e-003	1.0280e-003
tblVehicleEF	UBUS	3.8210e-003	6.3040e-003
tblVehicleEF	UBUS	0.05	0.10
tblVehicleEF	UBUS	3.0710e-003	3.6410e-003
tblVehicleEF	UBUS	0.07	0.57
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.74	0.97
tblVehicleEF	UBUS	8.0310e-003	8.7570e-003
tblVehicleEF	UBUS	1.5830e-003	1.5510e-003

tblVehicleEF	UBUS	3.8210e-003	6.3040e-003
tblVehicleEF	UBUS	0.05	0.10
tblVehicleEF	UBUS	3.0710e-003	3.6410e-003
tblVehicleEF	UBUS	1.02	2.69
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.81	1.06
tblVehicleEF	UBUS	0.94	2.06
tblVehicleEF	UBUS	0.05	0.07
tblVehicleEF	UBUS	4.36	9.46
tblVehicleEF	UBUS	6.75	11.79
tblVehicleEF	UBUS	1,705.12	1,845.89
tblVehicleEF	UBUS	144.21	131.11
tblVehicleEF	UBUS	0.89	5.12
tblVehicleEF	UBUS	11.83	13.62
tblVehicleEF	UBUS	0.49	0.54
tblVehicleEF	UBUS	5.9750e-003	0.05
tblVehicleEF	UBUS	1.6450e-003	1.1180e-003
tblVehicleEF	UBUS	0.21	0.23
tblVehicleEF	UBUS	5.6750e-003	0.04
tblVehicleEF	UBUS	1.5130e-003	1.0280e-003
tblVehicleEF	UBUS	5.2250e-003	8.4450e-003
tblVehicleEF	UBUS	0.05	0.10
tblVehicleEF	UBUS	4.1340e-003	4.8520e-003
tblVehicleEF	UBUS	0.07	0.58
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.68	0.90
tblVehicleEF	UBUS	8.0310e-003	8.7590e-003
tblVehicleEF	UBUS	1.5680e-003	1.5230e-003
tblVehicleEF	UBUS	5.2250e-003	8.4450e-003
tblVehicleEF	UBUS	0.05	0.10
tblVehicleEF	UBUS	4.1340e-003	4.8520e-003

tblVehicleEF	UBUS	1.02	2.70
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.75	0.98
tblVehicleEF	UBUS	0.94	2.05
tblVehicleEF	UBUS	0.06	0.07
tblVehicleEF	UBUS	4.36	9.39
tblVehicleEF	UBUS	7.76	13.64
tblVehicleEF	UBUS	1,705.12	1,845.89
tblVehicleEF	UBUS	144.21	131.11
tblVehicleEF	UBUS	0.93	5.34
tblVehicleEF	UBUS	11.89	13.71
tblVehicleEF	UBUS	0.49	0.54
tblVehicleEF	UBUS	5.9750e-003	0.05
tblVehicleEF	UBUS	1.6450e-003	1.1180e-003
tblVehicleEF	UBUS	0.21	0.23
tblVehicleEF	UBUS	5.6750e-003	0.04
tblVehicleEF	UBUS	1.5130e-003	1.0280e-003
tblVehicleEF	UBUS	3.7200e-003	7.1840e-003
tblVehicleEF	UBUS	0.06	0.13
tblVehicleEF	UBUS	2.9220e-003	3.8750e-003
tblVehicleEF	UBUS	0.07	0.57
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.75	0.98
tblVehicleEF	UBUS	8.0310e-003	8.7570e-003
tblVehicleEF	UBUS	1.5860e-003	1.5550e-003
tblVehicleEF	UBUS	3.7200e-003	7.1840e-003
tblVehicleEF	UBUS	0.06	0.13
tblVehicleEF	UBUS	2.9220e-003	3.8750e-003
tblVehicleEF	UBUS	1.02	2.68
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	1.08

tblVehicleTrips	CC_TL	8.40	6.07
tblVehicleTrips	CC_TL	8.40	6.07
tblVehicleTrips	CC_TL	8.40	6.07
tblVehicleTrips	CNW_TL	6.90	6.07
tblVehicleTrips	CNW_TL	6.90	6.07
tblVehicleTrips	CNW_TL	6.90	6.07
tblVehicleTrips	CW_TL	16.60	6.07
tblVehicleTrips	CW_TL	16.60	6.07
tblVehicleTrips	CW_TL	16.60	6.07
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	6.07
tblVehicleTrips	HO_TL	8.70	6.07
tblVehicleTrips	HO_TL	8.70	6.07
tblVehicleTrips	HS_TL	5.90	6.07
tblVehicleTrips	HS_TL	5.90	6.07
tblVehicleTrips	HS_TL	5.90	6.07
tblVehicleTrips	HW_TL	14.70	6.07
tblVehicleTrips	HW_TL	14.70	6.07
tblVehicleTrips	HW_TL	14.70	6.07
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00

tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	4.98	4.10
tblVehicleTrips	ST_TR	6.39	4.10
tblVehicleTrips	ST_TR	5.67	4.10
tblVehicleTrips	ST_TR	2.46	1.85
tblVehicleTrips	ST_TR	8.19	10.26
tblVehicleTrips	ST_TR	49.97	38.56
tblVehicleTrips	SU_TR	3.65	3.60
tblVehicleTrips	SU_TR	5.86	3.60
tblVehicleTrips	SU_TR	4.84	3.60
tblVehicleTrips	SU_TR	1.05	0.62
tblVehicleTrips	SU_TR	5.95	7.85
tblVehicleTrips	SU_TR	25.24	3.60
tblVehicleTrips	WD_TR	4.20	4.55
tblVehicleTrips	WD_TR	6.65	4.55
tblVehicleTrips	WD_TR	5.81	4.55
tblVehicleTrips	WD_TR	11.03	8.14
tblVehicleTrips	WD_TR	8.17	6.99
tblVehicleTrips	WD_TR	42.70	35.70
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	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AerobicPercent	87.46	100.00

tbiWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tbiWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tbiWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tbiWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tbiWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tbiWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tbiWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tbiWater	AnaerobicandFacultativeLagoonsPerce	2.21	0.00
tbiWater	IndoorWaterUseRate	97,731,038.43	0.00
tbiWater	IndoorWaterUseRate	78,184,830.75	0.00
tbiWater	IndoorWaterUseRate	19,546,207.69	0.00
tbiWater	IndoorWaterUseRate	31,992,074.64	0.00
tbiWater	IndoorWaterUseRate	10,780,877.25	0.00
tbiWater	IndoorWaterUseRate	75,553,971.91	204,772,300.00
tbiWater	OutdoorWaterUseRate	61,613,045.97	0.00
tbiWater	OutdoorWaterUseRate	49,290,436.77	0.00
tbiWater	OutdoorWaterUseRate	12,322,609.19	0.00
tbiWater	OutdoorWaterUseRate	19,608,045.75	0.00
tbiWater	OutdoorWaterUseRate	1,197,875.25	0.00
tbiWater	OutdoorWaterUseRate	46,307,273.11	10,149,920.00
tbiWater	SepticTankPercent	10.33	0.00
tbiWater	SepticTankPercent	10.33	0.00
tbiWater	SepticTankPercent	10.33	0.00
tbiWater	SepticTankPercent	10.33	0.00
tbiWater	SepticTankPercent	10.33	0.00
tbiWater	SepticTankPercent	10.33	0.00
tbiWater	SepticTankPercent	10.33	0.00
tbiWater	SepticTankPercent	10.33	0.00
tbiWater	SepticTankPercent	10.33	0.00
tbiWoodstoves	NumberCatalytic	75.00	0.00
tbiWoodstoves	NumberCatalytic	60.00	0.00
tbiWoodstoves	NumberCatalytic	15.00	0.00

tblWoodstoves	NumberNoncatalytic	75.00	0.00
tblWoodstoves	NumberNoncatalytic	60.00	0.00
tblWoodstoves	NumberNoncatalytic	15.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809
Energy	1.1895	10.3085	5.3775	0.0649		0.8219	0.8219		0.8219	0.8219		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593
Mobile	84.5484	378.7484	935.4069	3.1915	275.8508	3.4501	279.3008	73.7920	3.2399	77.0320		324,771.9087	324,771.9087	15.6721		325,163.7117
Total	192.4474	391.9087	1,188.0367	3.2695	275.8508	5.6474	281.4982	73.7920	5.4373	79.2293	0.0000	338,196.0143	338,196.0143	16.3497	0.2379	338,675.6519

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809
Energy	1.1895	10.3085	5.3775	0.0649		0.8219	0.8219		0.8219	0.8219		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593
Mobile	84.5484	378.7484	935.4069	3.1915	275.8508	3.4501	279.3008	73.7920	3.2399	77.0320		324,771.9087	324,771.9087	15.6721		325,163.7117
Total	192.4474	391.9087	1,188.0367	3.2695	275.8508	5.6474	281.4982	73.7920	5.4373	79.2293	0.0000	338,196.0143	338,196.0143	16.3497	0.2379	338,675.6519

	ROG	NOx	CO	SO2	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	lb/day										lb/day					
Mitigated	84.5484	378.7484	935.4069	3.1915	275.8508	3.4501	279.3008	73.7920	3.2399	77.0320		324,771.9087	324,771.9087	15.6721		325,163.7117
Unmitigated	84.5484	378.7484	935.4069	3.1915	275.8508	3.4501	279.3008	73.7920	3.2399	77.0320		324,771.9087	324,771.9087	15.6721		325,163.7117

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Apartments High Rise	6,821.76	6,157.14	5398.80	14,413,619	14,413,619
Apartments Mid Rise	5,457.41	4,925.71	4319.04	11,530,895	11,530,895
Condo/Townhouse	1,364.35	1,231.43	1079.76	2,882,724	2,882,724
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	1,465.51	332.73	110.88	2,452,885	2,452,885
Hotel	2,970.31	4,359.74	3336.08	7,116,849	7,116,849
Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	36,411.14	39,327.11	3671.18	71,036,050	71,036,050
Total	54,490.48	56,333.86	17,915.74	109,433,021	109,433,021

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 High Rise	6.07	6.07	6.07	40.20	19.20	40.60	100	0	0
Apartments Mid Rise	6.07	6.07	6.07	40.20	19.20	40.60	100	0	0

Condo/Townhouse	6.07	6.07	6.07	40.20	19.20	40.60	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	6.07	6.07	6.07	33.00	48.00	19.00	100	0	0
Hotel	6.07	6.07	6.07	19.40	61.60	19.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	6.07	6.07	6.07	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Apartments Mid Rise	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Condo/Townhouse	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Enclosed Parking with Elevator	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
General Office Building	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Hotel	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Parking Lot	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Regional Shopping Center	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741

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	1.1895	10.3085	5.3775	0.0649		0.8219	0.8219		0.8219	0.8219		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593
NaturalGas Unmitigated	1.1895	10.3085	5.3775	0.0649		0.8219	0.8219		0.8219	0.8219		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593

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 High Rise	39674.1	0.4279	3.6562	1.5559	0.0233		0.2956	0.2956		0.2956	0.2956		4,667.5359	4,667.5359	0.0895	0.0856	4,695.2727
Apartments Mid Rise	31739.2	0.3423	2.9250	1.2447	0.0187		0.2365	0.2365		0.2365	0.2365		3,734.0287	3,734.0287	0.0716	0.0685	3,756.2182
Condo/Townhouse	14503.3	0.1564	1.3366	0.5688	8.5300e-003		0.1081	0.1081		0.1081	0.1081		1,706.2656	1,706.2656	0.0327	0.0313	1,716.4051
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	3235.07	0.0349	0.3172	0.2664	1.9000e-003		0.0241	0.0241		0.0241	0.0241		380.5963	380.5963	7.2900e-003	6.9800e-003	382.8580
Hotel	16343.3	0.1763	1.6023	1.3459	9.6100e-003		0.1218	0.1218		0.1218	0.1218		1,922.7397	1,922.7397	0.0369	0.0353	1,934.1656
Parking Lot	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
Regional Shopping Center	4806.58	0.0518	0.4712	0.3958	2.8300e-003		0.0358	0.0358		0.0358	0.0358		565.4795	565.4795	0.0108	0.0104	568.8398
Total		1.1895	10.3085	5.3775	0.0649		0.8218	0.8218		0.8218	0.8218		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593

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 High Rise	39.6741	0.4279	3.6562	1.5559	0.0233		0.2956	0.2956		0.2956	0.2956		4,667.5359	4,667.5359	0.0895	0.0856	4,695.2727
Apartments Mid Rise	31.7392	0.3423	2.9250	1.2447	0.0187		0.2365	0.2365		0.2365	0.2365		3,734.0287	3,734.0287	0.0716	0.0685	3,756.2182
Condo/Townhouse	14.5033	0.1564	1.3366	0.5688	8.5300e-003		0.1081	0.1081		0.1081	0.1081		1,706.2656	1,706.2656	0.0327	0.0313	1,716.4051
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	3.23507	0.0349	0.3172	0.2664	1.9000e-003		0.0241	0.0241		0.0241	0.0241		380.5963	380.5963	7.2900e-003	6.9800e-003	382.8580
Hotel	16.3433	0.1763	1.6023	1.3459	9.6100e-003		0.1218	0.1218		0.1218	0.1218		1,922.7397	1,922.7397	0.0369	0.0353	1,934.1656

Parking Lot	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
Regional Shopping Center	4.80658	0.0518	0.4712	0.3958	2.8300e-003		0.0358	0.0358		0.0358	0.0358		565.4795	565.4795	0.0108	0.0104	568.8398
Total		1.1895	10.3085	5.3775	0.0649		0.8218	0.8218		0.8218	0.8218		12,976.6456	12,976.6456	0.2487	0.2379	13,053.7593

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	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809
Unmitigated	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809

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	9.1321					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	90.1308					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	7.4466	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755		447.4599	447.4599	0.4288		458.1809
Total	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755		1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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SubCategory	lb/day								lb/day								
	Architectural Coating	9.1321					0.0000	0.0000			0.0000	0.0000			0.0000	0.0000	
Consumer Products	90.1308					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		
Landscaping	7.4466	2.8518	247.2523	0.0131		1.3755	1.3755			1.3755	1.3755	447.4599	447.4599	0.4288	458.1809		
Total	106.7094	2.8518	247.2523	0.0131		1.3755	1.3755			1.3755	1.3755	0.0000	447.4599	447.4599	0.4288	0.0000	458.1809

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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Westminster Mall Operations - Orange County, Annual

Westminster Mall Operations
Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	180.00	1000sqft	2.07	180,000.00	0
Enclosed Parking with Elevator	1,825.76	1000sqft	8.38	1,825,760.00	0
Enclosed Parking with Elevator	342.33	1000sqft	3.93	342,330.00	0
Enclosed Parking with Elevator	342.33	1000sqft	0.00	342,330.00	0
Enclosed Parking with Elevator	798.77	1000sqft	0.00	798,770.00	0
Enclosed Parking with Elevator	798.77	1000sqft	4.58	798,770.00	0
Enclosed Parking with Elevator	880.77	1000sqft	20.22	880,773.00	0
Enclosed Parking with Elevator	1,168.41	1000sqft	28.03	1,168,407.00	0
Parking Lot	456.44	1000sqft	10.48	456,440.00	0
Hotel	425.00	Room	1.79	233,750.00	0
Apartments High Rise	1,500.00	Dwelling Unit	3.83	1,500,000.00	4290
Apartments Mid Rise	1,200.00	Dwelling Unit	5.51	1,200,000.00	3432
Condo/Townhouse	300.00	Dwelling Unit	2.30	300,000.00	858
Regional Shopping Center	1,020.00	1000sqft	11.71	1,020,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	30
Climate Zone	8	Operational Year	2040		
Utility Company	Southern California Edison				

CO2 Intensity (lb/MW hr) 510.44

CH4 Intensity (lb/MW hr) 0.029

N2O Intensity (lb/MW hr) 0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - 2018 SCE Sustainability Report

Land Use - see assumptions file for calculations

Construction Phase -

Vehicle Trips - based on data from F&P

Woodstoves - no fireplaces

Area Coating - only accounts for parking area

Energy Use - T24 30% reduction applied to nonres and res structures 4 stories or taller

Water And Wastewater - see USS section for WSA values

Solid Waste -

Energy Mitigation -

Water Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Parking	396815	273864
tblEnergyUse	T24E	179.76	125.83
tblEnergyUse	T24E	179.76	125.83
tblEnergyUse	T24E	3.92	2.74
tblEnergyUse	T24E	4.71	3.30
tblEnergyUse	T24E	2.77	1.94
tblEnergyUse	T24E	2.93	2.05
tblEnergyUse	T24NG	5,911.46	4,138.02
tblEnergyUse	T24NG	5,911.46	4,138.02
tblEnergyUse	T24NG	8.59	6.01
tblEnergyUse	T24NG	29.10	20.37
tblEnergyUse	T24NG	0.95	0.67
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00
tblFireplaces	FireplaceWoodMass	1,019.20	0.00

tblFireplaces	NumberGas	1,275.00	0.00
tblFireplaces	NumberGas	1,020.00	0.00
tblFireplaces	NumberGas	255.00	0.00
tblFireplaces	NumberNoFireplace	150.00	0.00
tblFireplaces	NumberNoFireplace	120.00	0.00
tblFireplaces	NumberNoFireplace	30.00	0.00
tblFireplaces	NumberWood	75.00	0.00
tblFireplaces	NumberWood	60.00	0.00
tblFireplaces	NumberWood	15.00	0.00
tblLandUse	LandUseSquareFeet	1,168,410.00	1,168,407.00
tblLandUse	LandUseSquareFeet	880,770.00	880,773.00
tblLandUse	LandUseSquareFeet	617,100.00	233,750.00
tblLandUse	LotAcreage	4.13	2.07
tblLandUse	LotAcreage	26.82	28.03
tblLandUse	LotAcreage	41.91	8.38
tblLandUse	LotAcreage	7.86	3.93
tblLandUse	LotAcreage	7.86	0.00
tblLandUse	LotAcreage	18.34	0.00
tblLandUse	LotAcreage	18.34	4.58
tblLandUse	LotAcreage	14.17	1.79
tblLandUse	LotAcreage	24.19	3.83
tblLandUse	LotAcreage	31.58	5.51
tblLandUse	LotAcreage	18.75	2.30
tblLandUse	LotAcreage	23.42	11.71
tblProjectCharacteristics	CO2IntensityFactor	702.44	510.44
tblVehicleEF	HHD	0.27	0.68
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	0.09
tblVehicleEF	HHD	1.22	2.50
tblVehicleEF	HHD	1.33	1.28
tblVehicleEF	HHD	5.58	4.02

tblVehicleEF	HHD	3,524.59	4,165.36
tblVehicleEF	HHD	1,507.73	1,705.02
tblVehicleEF	HHD	16.98	12.47
tblVehicleEF	HHD	10.22	21.32
tblVehicleEF	HHD	1.18	4.38
tblVehicleEF	HHD	18.50	19.32
tblVehicleEF	HHD	1.8500e-003	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.2400e-004
tblVehicleEF	HHD	1.7690e-003	0.02
tblVehicleEF	HHD	8.6770e-003	8.6780e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.1400e-004
tblVehicleEF	HHD	1.7200e-004	1.2700e-004
tblVehicleEF	HHD	6.7530e-003	5.4480e-003
tblVehicleEF	HHD	0.30	0.60
tblVehicleEF	HHD	1.3900e-004	9.4000e-005
tblVehicleEF	HHD	0.08	0.14
tblVehicleEF	HHD	6.3500e-004	5.1600e-004
tblVehicleEF	HHD	0.09	0.11
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	2.6000e-004	1.9100e-004
tblVehicleEF	HHD	1.7200e-004	1.2700e-004
tblVehicleEF	HHD	6.7530e-003	5.4480e-003
tblVehicleEF	HHD	0.36	0.72
tblVehicleEF	HHD	1.3900e-004	9.4000e-005
tblVehicleEF	HHD	0.25	0.31
tblVehicleEF	HHD	6.3500e-004	5.1600e-004

tblVehicleEF	HHD	0.10	0.12
tblVehicleEF	HHD	0.26	0.64
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	0.09
tblVehicleEF	HHD	0.89	1.82
tblVehicleEF	HHD	1.34	1.29
tblVehicleEF	HHD	5.32	3.83
tblVehicleEF	HHD	3,733.99	4,410.69
tblVehicleEF	HHD	1,507.73	1,705.02
tblVehicleEF	HHD	16.98	12.47
tblVehicleEF	HHD	10.55	21.99
tblVehicleEF	HHD	1.12	4.15
tblVehicleEF	HHD	18.49	19.31
tblVehicleEF	HHD	1.5590e-003	0.02
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.2400e-004
tblVehicleEF	HHD	1.4920e-003	0.02
tblVehicleEF	HHD	8.6770e-003	8.6780e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.1400e-004
tblVehicleEF	HHD	2.4200e-004	1.8300e-004
tblVehicleEF	HHD	6.8640e-003	5.5360e-003
tblVehicleEF	HHD	0.28	0.57
tblVehicleEF	HHD	1.8600e-004	1.3500e-004
tblVehicleEF	HHD	0.08	0.14
tblVehicleEF	HHD	6.0800e-004	5.0200e-004
tblVehicleEF	HHD	0.09	0.10
tblVehicleEF	HHD	0.03	0.04
tblVehicleEF	HHD	0.01	0.02

tblVehicleEF	HHD	2.5600e-004	1.8800e-004
tblVehicleEF	HHD	2.4200e-004	1.8300e-004
tblVehicleEF	HHD	6.8640e-003	5.5360e-003
tblVehicleEF	HHD	0.34	0.68
tblVehicleEF	HHD	1.8600e-004	1.3500e-004
tblVehicleEF	HHD	0.25	0.31
tblVehicleEF	HHD	6.0800e-004	5.0200e-004
tblVehicleEF	HHD	0.10	0.11
tblVehicleEF	HHD	0.30	0.73
tblVehicleEF	HHD	0.16	0.16
tblVehicleEF	HHD	0.05	0.09
tblVehicleEF	HHD	1.68	3.44
tblVehicleEF	HHD	1.33	1.28
tblVehicleEF	HHD	5.63	4.06
tblVehicleEF	HHD	3,235.42	3,826.56
tblVehicleEF	HHD	1,507.73	1,705.02
tblVehicleEF	HHD	16.98	12.47
tblVehicleEF	HHD	9.77	20.38
tblVehicleEF	HHD	1.16	4.31
tblVehicleEF	HHD	18.51	19.33
tblVehicleEF	HHD	2.2500e-003	0.03
tblVehicleEF	HHD	0.06	0.06
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	5.1290e-003	0.02
tblVehicleEF	HHD	2.0900e-004	1.2400e-004
tblVehicleEF	HHD	2.1530e-003	0.03
tblVehicleEF	HHD	8.6770e-003	8.6780e-003
tblVehicleEF	HHD	4.9060e-003	0.02
tblVehicleEF	HHD	1.9300e-004	1.1400e-004
tblVehicleEF	HHD	1.6100e-004	1.2800e-004
tblVehicleEF	HHD	7.0210e-003	5.9880e-003

tblVehicleEF	HHD	0.32	0.65
tblVehicleEF	HHD	1.3600e-004	9.6000e-005
tblVehicleEF	HHD	0.08	0.14
tblVehicleEF	HHD	6.9900e-004	5.5700e-004
tblVehicleEF	HHD	0.10	0.11
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.01	0.02
tblVehicleEF	HHD	2.6100e-004	1.9200e-004
tblVehicleEF	HHD	1.6100e-004	1.2800e-004
tblVehicleEF	HHD	7.0210e-003	5.9880e-003
tblVehicleEF	HHD	0.39	0.77
tblVehicleEF	HHD	1.3600e-004	9.6000e-005
tblVehicleEF	HHD	0.25	0.31
tblVehicleEF	HHD	6.9900e-004	5.5700e-004
tblVehicleEF	HHD	0.10	0.12
tblVehicleEF	LDA	1.3310e-003	4.7780e-003
tblVehicleEF	LDA	6.4600e-004	5.9450e-003
tblVehicleEF	LDA	0.26	0.62
tblVehicleEF	LDA	0.32	1.22
tblVehicleEF	LDA	166.81	274.63
tblVehicleEF	LDA	35.50	60.47
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	0.01	0.08
tblVehicleEF	LDA	6.9300e-004	1.9490e-003
tblVehicleEF	LDA	9.8200e-004	2.2950e-003
tblVehicleEF	LDA	6.3800e-004	1.7970e-003
tblVehicleEF	LDA	9.0300e-004	2.1100e-003
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	3.3450e-003	0.01

tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.7150e-003	0.08
tblVehicleEF	LDA	1.6680e-003	2.7500e-003
tblVehicleEF	LDA	3.6000e-004	6.2500e-004
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	4.8620e-003	0.02
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	9.5420e-003	0.09
tblVehicleEF	LDA	1.4090e-003	5.0430e-003
tblVehicleEF	LDA	5.8300e-004	5.3400e-003
tblVehicleEF	LDA	0.28	0.67
tblVehicleEF	LDA	0.28	1.06
tblVehicleEF	LDA	173.84	286.20
tblVehicleEF	LDA	35.50	60.47
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	0.01	0.07
tblVehicleEF	LDA	6.9300e-004	1.9490e-003
tblVehicleEF	LDA	9.8200e-004	2.2950e-003
tblVehicleEF	LDA	6.3800e-004	1.7970e-003
tblVehicleEF	LDA	9.0300e-004	2.1100e-003
tblVehicleEF	LDA	0.02	0.06
tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	3.5380e-003	0.01
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	7.8600e-003	0.07
tblVehicleEF	LDA	1.7390e-003	2.8670e-003
tblVehicleEF	LDA	3.5900e-004	6.2300e-004
tblVehicleEF	LDA	0.02	0.06

tblVehicleEF	LDA	0.03	0.10
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	5.1440e-003	0.02
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	8.6060e-003	0.08
tblVehicleEF	LDA	1.3050e-003	4.6870e-003
tblVehicleEF	LDA	6.5900e-004	6.0690e-003
tblVehicleEF	LDA	0.25	0.60
tblVehicleEF	LDA	0.33	1.26
tblVehicleEF	LDA	164.22	270.36
tblVehicleEF	LDA	35.50	60.47
tblVehicleEF	LDA	0.02	0.05
tblVehicleEF	LDA	0.01	0.08
tblVehicleEF	LDA	6.9300e-004	1.9490e-003
tblVehicleEF	LDA	9.8200e-004	2.2950e-003
tblVehicleEF	LDA	6.3800e-004	1.7970e-003
tblVehicleEF	LDA	9.0300e-004	2.1100e-003
tblVehicleEF	LDA	9.9660e-003	0.04
tblVehicleEF	LDA	0.03	0.11
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	3.2800e-003	0.01
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	8.8910e-003	0.08
tblVehicleEF	LDA	1.6420e-003	2.7070e-003
tblVehicleEF	LDA	3.6000e-004	6.2600e-004
tblVehicleEF	LDA	9.9660e-003	0.04
tblVehicleEF	LDA	0.03	0.11
tblVehicleEF	LDA	0.01	0.04
tblVehicleEF	LDA	4.7680e-003	0.02
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	9.7350e-003	0.09

tblVehicleEF	LDT1	1.9890e-003	0.01
tblVehicleEF	LDT1	1.3620e-003	0.02
tblVehicleEF	LDT1	0.35	1.30
tblVehicleEF	LDT1	0.51	3.03
tblVehicleEF	LDT1	214.31	333.96
tblVehicleEF	LDT1	46.84	73.56
tblVehicleEF	LDT1	0.02	0.12
tblVehicleEF	LDT1	0.02	0.18
tblVehicleEF	LDT1	9.0100e-004	2.6710e-003
tblVehicleEF	LDT1	1.3210e-003	3.4230e-003
tblVehicleEF	LDT1	8.2900e-004	2.4590e-003
tblVehicleEF	LDT1	1.2150e-003	3.1480e-003
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.27
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	4.9320e-003	0.03
tblVehicleEF	LDT1	0.05	0.17
tblVehicleEF	LDT1	0.02	0.21
tblVehicleEF	LDT1	2.1450e-003	3.3550e-003
tblVehicleEF	LDT1	4.7600e-004	7.8900e-004
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.27
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	7.1940e-003	0.04
tblVehicleEF	LDT1	0.05	0.17
tblVehicleEF	LDT1	0.02	0.23
tblVehicleEF	LDT1	2.1030e-003	0.01
tblVehicleEF	LDT1	1.2280e-003	0.01
tblVehicleEF	LDT1	0.38	1.40
tblVehicleEF	LDT1	0.44	2.61
tblVehicleEF	LDT1	223.11	347.44

tblVehicleEF	LDT1	46.84	73.56
tblVehicleEF	LDT1	0.02	0.11
tblVehicleEF	LDT1	0.02	0.17
tblVehicleEF	LDT1	9.0100e-004	2.6710e-003
tblVehicleEF	LDT1	1.3210e-003	3.4230e-003
tblVehicleEF	LDT1	8.2900e-004	2.4590e-003
tblVehicleEF	LDT1	1.2150e-003	3.1480e-003
tblVehicleEF	LDT1	0.04	0.19
tblVehicleEF	LDT1	0.06	0.28
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	5.2130e-003	0.03
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	0.02	0.19
tblVehicleEF	LDT1	2.2330e-003	3.4910e-003
tblVehicleEF	LDT1	4.7500e-004	7.8100e-004
tblVehicleEF	LDT1	0.04	0.19
tblVehicleEF	LDT1	0.06	0.28
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	7.6040e-003	0.04
tblVehicleEF	LDT1	0.04	0.15
tblVehicleEF	LDT1	0.02	0.21
tblVehicleEF	LDT1	1.9510e-003	0.01
tblVehicleEF	LDT1	1.3890e-003	0.02
tblVehicleEF	LDT1	0.34	1.26
tblVehicleEF	LDT1	0.52	3.12
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tblVehicleEF	LDT1	46.84	73.56
tblVehicleEF	LDT1	0.02	0.12
tblVehicleEF	LDT1	0.02	0.19
tblVehicleEF	LDT1	9.0100e-004	2.6710e-003
tblVehicleEF	LDT1	1.3210e-003	3.4230e-003

tblVehicleEF	LDT1	8.2900e-004	2.4590e-003
tblVehicleEF	LDT1	1.2150e-003	3.1480e-003
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.31
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	4.8380e-003	0.03
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.02	0.22
tblVehicleEF	LDT1	2.1120e-003	3.3050e-003
tblVehicleEF	LDT1	4.7600e-004	7.9000e-004
tblVehicleEF	LDT1	0.02	0.13
tblVehicleEF	LDT1	0.06	0.31
tblVehicleEF	LDT1	0.03	0.11
tblVehicleEF	LDT1	7.0560e-003	0.04
tblVehicleEF	LDT1	0.06	0.19
tblVehicleEF	LDT1	0.02	0.24
tblVehicleEF	LDT2	2.0210e-003	6.2570e-003
tblVehicleEF	LDT2	1.1870e-003	7.5390e-003
tblVehicleEF	LDT2	0.39	0.79
tblVehicleEF	LDT2	0.50	1.57
tblVehicleEF	LDT2	243.72	381.95
tblVehicleEF	LDT2	52.36	84.25
tblVehicleEF	LDT2	0.02	0.08
tblVehicleEF	LDT2	0.02	0.13
tblVehicleEF	LDT2	8.2500e-004	1.8030e-003
tblVehicleEF	LDT2	1.1590e-003	2.1770e-003
tblVehicleEF	LDT2	7.5900e-004	1.6590e-003
tblVehicleEF	LDT2	1.0660e-003	2.0020e-003
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.11
tblVehicleEF	LDT2	0.02	0.05

tblVehicleEF	LDT2	5.0340e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4390e-003	3.8250e-003
tblVehicleEF	LDT2	5.3100e-004	8.6900e-004
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.11
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	7.3330e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LDT2	2.1370e-003	6.6030e-003
tblVehicleEF	LDT2	1.1030e-003	6.7840e-003
tblVehicleEF	LDT2	0.43	0.86
tblVehicleEF	LDT2	0.46	1.36
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tblVehicleEF	LDT2	52.36	84.25
tblVehicleEF	LDT2	0.02	0.07
tblVehicleEF	LDT2	0.02	0.13
tblVehicleEF	LDT2	8.2500e-004	1.8030e-003
tblVehicleEF	LDT2	1.1590e-003	2.1770e-003
tblVehicleEF	LDT2	7.5900e-004	1.6590e-003
tblVehicleEF	LDT2	1.0660e-003	2.0020e-003
tblVehicleEF	LDT2	0.03	0.07
tblVehicleEF	LDT2	0.04	0.12
tblVehicleEF	LDT2	0.03	0.07
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tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.01	0.09
tblVehicleEF	LDT2	2.5400e-003	3.9830e-003
tblVehicleEF	LDT2	5.3000e-004	8.6500e-004

tblVehicleEF	LDT2	0.03	0.07
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tblVehicleEF	LDT2	7.7520e-003	0.02
tblVehicleEF	LDT2	0.03	0.06
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	1.9820e-003	6.1400e-003
tblVehicleEF	LDT2	1.2050e-003	7.6940e-003
tblVehicleEF	LDT2	0.38	0.76
tblVehicleEF	LDT2	0.51	1.61
tblVehicleEF	LDT2	240.01	376.16
tblVehicleEF	LDT2	52.36	84.25
tblVehicleEF	LDT2	0.02	0.08
tblVehicleEF	LDT2	0.02	0.14
tblVehicleEF	LDT2	8.2500e-004	1.8030e-003
tblVehicleEF	LDT2	1.1590e-003	2.1770e-003
tblVehicleEF	LDT2	7.5900e-004	1.6590e-003
tblVehicleEF	LDT2	1.0660e-003	2.0020e-003
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.12
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	4.9370e-003	0.02
tblVehicleEF	LDT2	0.04	0.07
tblVehicleEF	LDT2	0.02	0.10
tblVehicleEF	LDT2	2.4020e-003	3.7670e-003
tblVehicleEF	LDT2	5.3100e-004	8.7000e-004
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	0.04	0.12
tblVehicleEF	LDT2	0.02	0.05
tblVehicleEF	LDT2	7.1930e-003	0.02
tblVehicleEF	LDT2	0.04	0.07

tblVehicleEF	LDT2	0.02	0.11
tblVehicleEF	LHD1	2.6490e-003	6.1090e-003
tblVehicleEF	LHD1	1.8170e-003	0.01
tblVehicleEF	LHD1	4.0590e-003	0.02
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.86
tblVehicleEF	LHD1	0.91	2.73
tblVehicleEF	LHD1	8.92	9.02
tblVehicleEF	LHD1	521.20	612.35
tblVehicleEF	LHD1	20.46	34.23
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.16	1.37
tblVehicleEF	LHD1	0.32	1.09
tblVehicleEF	LHD1	6.9800e-004	8.4400e-004
tblVehicleEF	LHD1	0.01	9.9690e-003
tblVehicleEF	LHD1	4.8780e-003	0.01
tblVehicleEF	LHD1	4.2400e-004	9.9400e-004
tblVehicleEF	LHD1	6.6800e-004	8.0700e-004
tblVehicleEF	LHD1	2.6790e-003	2.4920e-003
tblVehicleEF	LHD1	4.6530e-003	0.01
tblVehicleEF	LHD1	3.9000e-004	9.1500e-004
tblVehicleEF	LHD1	8.9900e-004	2.9160e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.2700e-004	1.8220e-003
tblVehicleEF	LHD1	0.03	0.07
tblVehicleEF	LHD1	0.07	0.28
tblVehicleEF	LHD1	0.05	0.29
tblVehicleEF	LHD1	8.8000e-005	9.1000e-005
tblVehicleEF	LHD1	5.0720e-003	6.0180e-003
tblVehicleEF	LHD1	2.2000e-004	3.9400e-004

tblVehicleEF	LHD1	8.9900e-004	2.9160e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.03
tblVehicleEF	LHD1	7.2700e-004	1.8220e-003
tblVehicleEF	LHD1	0.03	0.09
tblVehicleEF	LHD1	0.07	0.28
tblVehicleEF	LHD1	0.06	0.32
tblVehicleEF	LHD1	2.6490e-003	6.1090e-003
tblVehicleEF	LHD1	1.8270e-003	0.01
tblVehicleEF	LHD1	3.9220e-003	0.02
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.87
tblVehicleEF	LHD1	0.88	2.61
tblVehicleEF	LHD1	8.92	9.02
tblVehicleEF	LHD1	521.20	612.35
tblVehicleEF	LHD1	20.46	34.23
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.15	1.29
tblVehicleEF	LHD1	0.31	1.04
tblVehicleEF	LHD1	6.9800e-004	8.4400e-004
tblVehicleEF	LHD1	0.01	9.9690e-003
tblVehicleEF	LHD1	4.8780e-003	0.01
tblVehicleEF	LHD1	4.2400e-004	9.9400e-004
tblVehicleEF	LHD1	6.6800e-004	8.0700e-004
tblVehicleEF	LHD1	2.6790e-003	2.4920e-003
tblVehicleEF	LHD1	4.6530e-003	0.01
tblVehicleEF	LHD1	3.9000e-004	9.1500e-004
tblVehicleEF	LHD1	1.2600e-003	4.0740e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	9.6400e-004	2.4870e-003

tblVehicleEF	LHD1	0.03	0.07
tblVehicleEF	LHD1	0.07	0.27
tblVehicleEF	LHD1	0.05	0.28
tblVehicleEF	LHD1	8.8000e-005	9.1000e-005
tblVehicleEF	LHD1	5.0720e-003	6.0180e-003
tblVehicleEF	LHD1	2.2000e-004	3.9200e-004
tblVehicleEF	LHD1	1.2600e-003	4.0740e-003
tblVehicleEF	LHD1	0.03	0.10
tblVehicleEF	LHD1	0.01	0.03
tblVehicleEF	LHD1	9.6400e-004	2.4870e-003
tblVehicleEF	LHD1	0.03	0.09
tblVehicleEF	LHD1	0.07	0.27
tblVehicleEF	LHD1	0.06	0.30
tblVehicleEF	LHD1	2.6490e-003	6.1090e-003
tblVehicleEF	LHD1	1.8140e-003	0.01
tblVehicleEF	LHD1	4.0870e-003	0.02
tblVehicleEF	LHD1	0.12	0.16
tblVehicleEF	LHD1	0.18	0.86
tblVehicleEF	LHD1	0.92	2.74
tblVehicleEF	LHD1	8.92	9.02
tblVehicleEF	LHD1	521.20	612.35
tblVehicleEF	LHD1	20.46	34.23
tblVehicleEF	LHD1	0.05	0.08
tblVehicleEF	LHD1	0.15	1.34
tblVehicleEF	LHD1	0.32	1.10
tblVehicleEF	LHD1	6.9800e-004	8.4400e-004
tblVehicleEF	LHD1	0.01	9.9690e-003
tblVehicleEF	LHD1	4.8780e-003	0.01
tblVehicleEF	LHD1	4.2400e-004	9.9400e-004
tblVehicleEF	LHD1	6.6800e-004	8.0700e-004
tblVehicleEF	LHD1	2.6790e-003	2.4920e-003

tblVehicleEF	LHD1	4.6530e-003	0.01
tblVehicleEF	LHD1	3.9000e-004	9.1500e-004
tblVehicleEF	LHD1	8.3800e-004	3.0560e-003
tblVehicleEF	LHD1	0.03	0.11
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	7.0700e-004	1.8520e-003
tblVehicleEF	LHD1	0.03	0.07
tblVehicleEF	LHD1	0.08	0.31
tblVehicleEF	LHD1	0.06	0.29
tblVehicleEF	LHD1	8.8000e-005	9.1000e-005
tblVehicleEF	LHD1	5.0720e-003	6.0180e-003
tblVehicleEF	LHD1	2.2000e-004	3.9400e-004
tblVehicleEF	LHD1	8.3800e-004	3.0560e-003
tblVehicleEF	LHD1	0.03	0.11
tblVehicleEF	LHD1	0.01	0.03
tblVehicleEF	LHD1	7.0700e-004	1.8520e-003
tblVehicleEF	LHD1	0.03	0.08
tblVehicleEF	LHD1	0.08	0.31
tblVehicleEF	LHD1	0.06	0.32
tblVehicleEF	LHD2	2.1700e-003	4.5740e-003
tblVehicleEF	LHD2	1.6130e-003	4.8900e-003
tblVehicleEF	LHD2	2.0550e-003	0.01
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.41
tblVehicleEF	LHD2	0.80	1.51
tblVehicleEF	LHD2	13.31	13.66
tblVehicleEF	LHD2	561.16	627.61
tblVehicleEF	LHD2	21.12	29.47
tblVehicleEF	LHD2	0.05	0.10
tblVehicleEF	LHD2	0.05	1.00
tblVehicleEF	LHD2	0.19	0.65

tblVehicleEF	LHD2	8.6600e-004	1.1920e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	0.01
tblVehicleEF	LHD2	3.8300e-004	5.0700e-004
tblVehicleEF	LHD2	8.2800e-004	1.1400e-003
tblVehicleEF	LHD2	2.7110e-003	2.6350e-003
tblVehicleEF	LHD2	4.9300e-003	9.7610e-003
tblVehicleEF	LHD2	3.5200e-004	4.6600e-004
tblVehicleEF	LHD2	5.1000e-004	1.2770e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0700e-004	8.3500e-004
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.15
tblVehicleEF	LHD2	1.3000e-004	1.3400e-004
tblVehicleEF	LHD2	5.4510e-003	6.1210e-003
tblVehicleEF	LHD2	2.2400e-004	3.2300e-004
tblVehicleEF	LHD2	5.1000e-004	1.2770e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	4.0700e-004	8.3500e-004
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	0.03	0.10
tblVehicleEF	LHD2	0.03	0.16
tblVehicleEF	LHD2	2.1700e-003	4.5740e-003
tblVehicleEF	LHD2	1.6200e-003	4.9510e-003
tblVehicleEF	LHD2	2.0430e-003	0.01
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.42
tblVehicleEF	LHD2	0.77	1.45

tblVehicleEF	LHD2	13.31	13.66
tblVehicleEF	LHD2	561.16	627.61
tblVehicleEF	LHD2	21.12	29.47
tblVehicleEF	LHD2	0.05	0.10
tblVehicleEF	LHD2	0.05	0.95
tblVehicleEF	LHD2	0.19	0.63
tblVehicleEF	LHD2	8.6600e-004	1.1920e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	0.01
tblVehicleEF	LHD2	3.8300e-004	5.0700e-004
tblVehicleEF	LHD2	8.2800e-004	1.1400e-003
tblVehicleEF	LHD2	2.7110e-003	2.6350e-003
tblVehicleEF	LHD2	4.9300e-003	9.7610e-003
tblVehicleEF	LHD2	3.5200e-004	4.6600e-004
tblVehicleEF	LHD2	7.1900e-004	1.7890e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4600e-004	1.1420e-003
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.14
tblVehicleEF	LHD2	1.3000e-004	1.3400e-004
tblVehicleEF	LHD2	5.4510e-003	6.1210e-003
tblVehicleEF	LHD2	2.2400e-004	3.2200e-004
tblVehicleEF	LHD2	7.1900e-004	1.7890e-003
tblVehicleEF	LHD2	0.01	0.04
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	5.4600e-004	1.1420e-003
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	0.03	0.09
tblVehicleEF	LHD2	0.03	0.15

tblVehicleEF	LHD2	2.1700e-003	4.5740e-003
tblVehicleEF	LHD2	1.6110e-003	4.8740e-003
tblVehicleEF	LHD2	2.0570e-003	0.01
tblVehicleEF	LHD2	0.12	0.13
tblVehicleEF	LHD2	0.15	0.41
tblVehicleEF	LHD2	0.80	1.52
tblVehicleEF	LHD2	13.31	13.66
tblVehicleEF	LHD2	561.16	627.61
tblVehicleEF	LHD2	21.12	29.47
tblVehicleEF	LHD2	0.05	0.10
tblVehicleEF	LHD2	0.05	0.99
tblVehicleEF	LHD2	0.19	0.66
tblVehicleEF	LHD2	8.6600e-004	1.1920e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	5.1660e-003	0.01
tblVehicleEF	LHD2	3.8300e-004	5.0700e-004
tblVehicleEF	LHD2	8.2800e-004	1.1400e-003
tblVehicleEF	LHD2	2.7110e-003	2.6350e-003
tblVehicleEF	LHD2	4.9300e-003	9.7610e-003
tblVehicleEF	LHD2	3.5200e-004	4.6600e-004
tblVehicleEF	LHD2	4.8000e-004	1.3120e-003
tblVehicleEF	LHD2	0.01	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9900e-004	8.3800e-004
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	0.03	0.11
tblVehicleEF	LHD2	0.03	0.15
tblVehicleEF	LHD2	1.3000e-004	1.3400e-004
tblVehicleEF	LHD2	5.4510e-003	6.1210e-003
tblVehicleEF	LHD2	2.2400e-004	3.2300e-004
tblVehicleEF	LHD2	4.8000e-004	1.3120e-003

tblVehicleEF	LHD2	0.01	0.05
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	3.9900e-004	8.3800e-004
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	0.03	0.11
tblVehicleEF	LHD2	0.03	0.16
tblVehicleEF	MCY	0.49	0.48
tblVehicleEF	MCY	0.14	0.15
tblVehicleEF	MCY	16.89	18.92
tblVehicleEF	MCY	9.80	9.54
tblVehicleEF	MCY	179.88	176.85
tblVehicleEF	MCY	41.42	45.71
tblVehicleEF	MCY	1.11	1.12
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.4660e-003	2.0750e-003
tblVehicleEF	MCY	3.3730e-003	4.0210e-003
tblVehicleEF	MCY	2.2990e-003	1.9420e-003
tblVehicleEF	MCY	3.1470e-003	3.7960e-003
tblVehicleEF	MCY	1.15	1.14
tblVehicleEF	MCY	0.63	0.71
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	2.27	2.40
tblVehicleEF	MCY	0.45	0.67
tblVehicleEF	MCY	1.94	2.07
tblVehicleEF	MCY	2.1440e-003	2.1490e-003
tblVehicleEF	MCY	6.3100e-004	6.7400e-004
tblVehicleEF	MCY	1.15	1.14
tblVehicleEF	MCY	0.63	0.71
tblVehicleEF	MCY	0.68	0.71
tblVehicleEF	MCY	2.85	2.97
tblVehicleEF	MCY	0.45	0.67

tblVehicleEF	MCY	2.12	2.25
tblVehicleEF	MCY	0.48	0.47
tblVehicleEF	MCY	0.13	0.14
tblVehicleEF	MCY	16.35	18.20
tblVehicleEF	MCY	8.96	8.80
tblVehicleEF	MCY	179.88	176.85
tblVehicleEF	MCY	41.42	45.71
tblVehicleEF	MCY	0.98	0.98
tblVehicleEF	MCY	0.29	0.29
tblVehicleEF	MCY	2.4660e-003	2.0750e-003
tblVehicleEF	MCY	3.3730e-003	4.0210e-003
tblVehicleEF	MCY	2.2990e-003	1.9420e-003
tblVehicleEF	MCY	3.1470e-003	3.7960e-003
tblVehicleEF	MCY	1.73	1.71
tblVehicleEF	MCY	0.69	0.74
tblVehicleEF	MCY	1.06	1.13
tblVehicleEF	MCY	2.23	2.34
tblVehicleEF	MCY	0.42	0.63
tblVehicleEF	MCY	1.76	1.86
tblVehicleEF	MCY	2.1340e-003	2.1360e-003
tblVehicleEF	MCY	6.1200e-004	6.5500e-004
tblVehicleEF	MCY	1.73	1.71
tblVehicleEF	MCY	0.69	0.74
tblVehicleEF	MCY	1.06	1.13
tblVehicleEF	MCY	2.80	2.89
tblVehicleEF	MCY	0.42	0.63
tblVehicleEF	MCY	1.92	2.02
tblVehicleEF	MCY	0.49	0.48
tblVehicleEF	MCY	0.15	0.15
tblVehicleEF	MCY	16.97	19.03
tblVehicleEF	MCY	9.94	9.65

tblVehicleEF	MCY	179.88	176.85
tblVehicleEF	MCY	41.42	45.71
tblVehicleEF	MCY	1.08	1.09
tblVehicleEF	MCY	0.31	0.31
tblVehicleEF	MCY	2.4660e-003	2.0750e-003
tblVehicleEF	MCY	3.3730e-003	4.0210e-003
tblVehicleEF	MCY	2.2990e-003	1.9420e-003
tblVehicleEF	MCY	3.1470e-003	3.7960e-003
tblVehicleEF	MCY	1.27	1.26
tblVehicleEF	MCY	0.79	0.91
tblVehicleEF	MCY	0.70	0.76
tblVehicleEF	MCY	2.28	2.41
tblVehicleEF	MCY	0.54	0.76
tblVehicleEF	MCY	1.98	2.11
tblVehicleEF	MCY	2.1460e-003	2.1510e-003
tblVehicleEF	MCY	6.3500e-004	6.7700e-004
tblVehicleEF	MCY	1.27	1.26
tblVehicleEF	MCY	0.79	0.91
tblVehicleEF	MCY	0.70	0.76
tblVehicleEF	MCY	2.86	2.98
tblVehicleEF	MCY	0.54	0.76
tblVehicleEF	MCY	2.15	2.29
tblVehicleEF	MDV	2.8560e-003	0.01
tblVehicleEF	MDV	2.4420e-003	0.02
tblVehicleEF	MDV	0.48	1.39
tblVehicleEF	MDV	0.71	2.88
tblVehicleEF	MDV	323.90	514.66
tblVehicleEF	MDV	68.48	111.00
tblVehicleEF	MDV	0.03	0.15
tblVehicleEF	MDV	0.04	0.27
tblVehicleEF	MDV	9.1200e-004	1.9370e-003

tblVehicleEF	MDV	1.2590e-003	2.3370e-003
tblVehicleEF	MDV	8.4000e-004	1.7870e-003
tblVehicleEF	MDV	1.1580e-003	2.1510e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.08	0.16
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	7.2110e-003	0.04
tblVehicleEF	MDV	0.05	0.10
tblVehicleEF	MDV	0.03	0.22
tblVehicleEF	MDV	3.2370e-003	5.1570e-003
tblVehicleEF	MDV	6.9600e-004	1.1610e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.08	0.16
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.01	0.05
tblVehicleEF	MDV	0.05	0.10
tblVehicleEF	MDV	0.04	0.25
tblVehicleEF	MDV	3.0180e-003	0.01
tblVehicleEF	MDV	2.2310e-003	0.01
tblVehicleEF	MDV	0.52	1.50
tblVehicleEF	MDV	0.64	2.50
tblVehicleEF	MDV	336.82	535.20
tblVehicleEF	MDV	68.48	111.00
tblVehicleEF	MDV	0.03	0.14
tblVehicleEF	MDV	0.04	0.26
tblVehicleEF	MDV	9.1200e-004	1.9370e-003
tblVehicleEF	MDV	1.2590e-003	2.3370e-003
tblVehicleEF	MDV	8.4000e-004	1.7870e-003
tblVehicleEF	MDV	1.1580e-003	2.1510e-003
tblVehicleEF	MDV	0.06	0.10
tblVehicleEF	MDV	0.08	0.17

tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	7.6120e-003	0.04
tblVehicleEF	MDV	0.05	0.09
tblVehicleEF	MDV	0.03	0.20
tblVehicleEF	MDV	3.3670e-003	5.3640e-003
tblVehicleEF	MDV	6.9500e-004	1.1540e-003
tblVehicleEF	MDV	0.06	0.10
tblVehicleEF	MDV	0.08	0.17
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.01	0.05
tblVehicleEF	MDV	0.05	0.09
tblVehicleEF	MDV	0.03	0.22
tblVehicleEF	MDV	2.8010e-003	0.01
tblVehicleEF	MDV	2.4850e-003	0.02
tblVehicleEF	MDV	0.47	1.35
tblVehicleEF	MDV	0.73	2.96
tblVehicleEF	MDV	319.13	507.08
tblVehicleEF	MDV	68.48	111.00
tblVehicleEF	MDV	0.03	0.15
tblVehicleEF	MDV	0.04	0.28
tblVehicleEF	MDV	9.1200e-004	1.9370e-003
tblVehicleEF	MDV	1.2590e-003	2.3370e-003
tblVehicleEF	MDV	8.4000e-004	1.7870e-003
tblVehicleEF	MDV	1.1580e-003	2.1510e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.09	0.17
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	7.0760e-003	0.03
tblVehicleEF	MDV	0.06	0.11
tblVehicleEF	MDV	0.03	0.23
tblVehicleEF	MDV	3.1890e-003	5.0800e-003

tblVehicleEF	MDV	6.9600e-004	1.1620e-003
tblVehicleEF	MDV	0.04	0.07
tblVehicleEF	MDV	0.09	0.17
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.01	0.05
tblVehicleEF	MDV	0.06	0.11
tblVehicleEF	MDV	0.04	0.25
tblVehicleEF	MH	3.5000e-003	0.03
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.18	2.58
tblVehicleEF	MH	2.99	5.94
tblVehicleEF	MH	1,058.61	1,111.80
tblVehicleEF	MH	55.54	58.76
tblVehicleEF	MH	0.56	1.52
tblVehicleEF	MH	0.51	0.81
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	1.2350e-003
tblVehicleEF	MH	3.2220e-003	3.2420e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	1.1410e-003
tblVehicleEF	MH	0.32	1.02
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	0.19	0.44
tblVehicleEF	MH	0.02	0.10
tblVehicleEF	MH	3.1200e-003	0.02
tblVehicleEF	MH	0.18	0.36
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0700e-004	6.9200e-004
tblVehicleEF	MH	0.32	1.02
tblVehicleEF	MH	0.02	0.07

tblVehicleEF	MH	0.19	0.44
tblVehicleEF	MH	0.02	0.14
tblVehicleEF	MH	3.1200e-003	0.02
tblVehicleEF	MH	0.20	0.39
tblVehicleEF	MH	3.5630e-003	0.03
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.18	2.62
tblVehicleEF	MH	2.84	5.63
tblVehicleEF	MH	1,058.61	1,111.80
tblVehicleEF	MH	55.54	58.76
tblVehicleEF	MH	0.53	1.41
tblVehicleEF	MH	0.49	0.78
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	1.2350e-003
tblVehicleEF	MH	3.2220e-003	3.2420e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	1.1410e-003
tblVehicleEF	MH	0.44	1.37
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	0.26	0.59
tblVehicleEF	MH	0.02	0.10
tblVehicleEF	MH	3.0230e-003	0.02
tblVehicleEF	MH	0.18	0.34
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0500e-004	6.8600e-004
tblVehicleEF	MH	0.44	1.37
tblVehicleEF	MH	0.02	0.07
tblVehicleEF	MH	0.26	0.59
tblVehicleEF	MH	0.02	0.14
tblVehicleEF	MH	3.0230e-003	0.02

tblVehicleEF	MH	0.19	0.38
tblVehicleEF	MH	3.4810e-003	0.03
tblVehicleEF	MH	0.01	0.03
tblVehicleEF	MH	0.18	2.56
tblVehicleEF	MH	3.02	5.98
tblVehicleEF	MH	1,058.61	1,111.80
tblVehicleEF	MH	55.54	58.76
tblVehicleEF	MH	0.55	1.49
tblVehicleEF	MH	0.52	0.82
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.3910e-003	0.03
tblVehicleEF	MH	8.6700e-004	1.2350e-003
tblVehicleEF	MH	3.2220e-003	3.2420e-003
tblVehicleEF	MH	6.0820e-003	0.03
tblVehicleEF	MH	7.9700e-004	1.1410e-003
tblVehicleEF	MH	0.30	1.13
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	0.19	0.46
tblVehicleEF	MH	0.02	0.10
tblVehicleEF	MH	3.3540e-003	0.02
tblVehicleEF	MH	0.18	0.36
tblVehicleEF	MH	0.01	0.01
tblVehicleEF	MH	6.0800e-004	6.9200e-004
tblVehicleEF	MH	0.30	1.13
tblVehicleEF	MH	0.02	0.09
tblVehicleEF	MH	0.19	0.46
tblVehicleEF	MH	0.02	0.14
tblVehicleEF	MH	3.3540e-003	0.02
tblVehicleEF	MH	0.20	0.40
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.6340e-003	7.0470e-003

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tblVehicleEF	MHD	0.17	0.52
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tblVehicleEF	MHD	153.31	144.07
tblVehicleEF	MHD	1,095.45	1,146.33
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tblVehicleEF	MHD	11.90	10.60
tblVehicleEF	MHD	3.2000e-005	2.6680e-003
tblVehicleEF	MHD	2.7430e-003	0.05
tblVehicleEF	MHD	6.6800e-004	8.2900e-004
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tblVehicleEF	MHD	2.6210e-003	0.05
tblVehicleEF	MHD	6.1400e-004	7.6300e-004
tblVehicleEF	MHD	5.9800e-004	1.2010e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	4.8700e-004	7.6200e-004
tblVehicleEF	MHD	0.03	0.09
tblVehicleEF	MHD	9.7940e-003	0.02
tblVehicleEF	MHD	0.16	0.41
tblVehicleEF	MHD	1.4730e-003	1.3870e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	5.2200e-004	7.2900e-004
tblVehicleEF	MHD	5.9800e-004	1.2010e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	4.8700e-004	7.6200e-004
tblVehicleEF	MHD	0.03	0.11

tblVehicleEF	MHD	9.7940e-003	0.02
tblVehicleEF	MHD	0.18	0.45
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.6400e-003	7.1120e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.22	0.32
tblVehicleEF	MHD	0.17	0.52
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tblVehicleEF	MHD	1,095.45	1,146.33
tblVehicleEF	MHD	48.02	61.21
tblVehicleEF	MHD	0.41	0.94
tblVehicleEF	MHD	0.52	1.81
tblVehicleEF	MHD	11.89	10.56
tblVehicleEF	MHD	2.7000e-005	2.2490e-003
tblVehicleEF	MHD	2.7430e-003	0.05
tblVehicleEF	MHD	6.6800e-004	8.2900e-004
tblVehicleEF	MHD	2.6000e-005	2.1520e-003
tblVehicleEF	MHD	2.6210e-003	0.05
tblVehicleEF	MHD	6.1400e-004	7.6300e-004
tblVehicleEF	MHD	8.4300e-004	1.6980e-003
tblVehicleEF	MHD	0.02	0.05
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	6.4800e-004	1.0640e-003
tblVehicleEF	MHD	0.03	0.09
tblVehicleEF	MHD	9.3880e-003	0.02
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tblVehicleEF	MHD	1.5580e-003	1.4670e-003
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	5.2000e-004	7.2300e-004
tblVehicleEF	MHD	8.4300e-004	1.6980e-003

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tblVehicleEF	MHD	0.03	0.04
tblVehicleEF	MHD	6.4800e-004	1.0640e-003
tblVehicleEF	MHD	0.03	0.11
tblVehicleEF	MHD	9.3880e-003	0.02
tblVehicleEF	MHD	0.17	0.43
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	1.6320e-003	7.0270e-003
tblVehicleEF	MHD	0.03	0.06
tblVehicleEF	MHD	0.41	0.60
tblVehicleEF	MHD	0.17	0.51
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tblVehicleEF	MHD	1,095.45	1,146.33
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tblVehicleEF	MHD	11.91	10.61
tblVehicleEF	MHD	3.9000e-005	3.2460e-003
tblVehicleEF	MHD	2.7430e-003	0.05
tblVehicleEF	MHD	6.6800e-004	8.2900e-004
tblVehicleEF	MHD	3.7000e-005	3.1060e-003
tblVehicleEF	MHD	2.6210e-003	0.05
tblVehicleEF	MHD	6.1400e-004	7.6300e-004
tblVehicleEF	MHD	5.5800e-004	1.2640e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.02	0.03
tblVehicleEF	MHD	4.7500e-004	7.8200e-004
tblVehicleEF	MHD	0.03	0.09
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.16	0.41

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tblVehicleEF	MHD	5.2200e-004	7.3000e-004
tblVehicleEF	MHD	5.5800e-004	1.2640e-003
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	0.03	0.05
tblVehicleEF	MHD	4.7500e-004	7.8200e-004
tblVehicleEF	MHD	0.03	0.11
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.18	0.45
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tblVehicleEF	OBUS	2.9590e-003	9.6820e-003
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tblVehicleEF	OBUS	1.4000e-005	2.1500e-004
tblVehicleEF	OBUS	2.3930e-003	8.7560e-003
tblVehicleEF	OBUS	1.0630e-003	8.2600e-004
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tblVehicleEF	OBUS	9.7700e-004	7.6000e-004
tblVehicleEF	OBUS	1.4210e-003	1.4550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.04

tblVehicleEF	OBUS	8.4900e-004	7.7300e-004
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.05	0.04
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tblVehicleEF	OBUS	7.1700e-004	8.2000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	7.3600e-004	8.0700e-004
tblVehicleEF	OBUS	1.4210e-003	1.4550e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	8.4900e-004	7.7300e-004
tblVehicleEF	OBUS	0.03	0.08
tblVehicleEF	OBUS	0.05	0.04
tblVehicleEF	OBUS	0.28	0.41
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.9990e-003	9.8490e-003
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.24	0.27
tblVehicleEF	OBUS	0.22	0.67
tblVehicleEF	OBUS	3.57	5.62
tblVehicleEF	OBUS	77.29	88.61
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tblVehicleEF	OBUS	1.2000e-005	1.8100e-004
tblVehicleEF	OBUS	2.3930e-003	8.7560e-003
tblVehicleEF	OBUS	1.0630e-003	8.2600e-004
tblVehicleEF	OBUS	1.1000e-005	1.7400e-004
tblVehicleEF	OBUS	2.2690e-003	8.3600e-003

tblVehicleEF	OBUS	9.7700e-004	7.6000e-004
tblVehicleEF	OBUS	1.9590e-003	2.0020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.03	0.04
tblVehicleEF	OBUS	1.1400e-003	1.0680e-003
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.05	0.04
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tblVehicleEF	OBUS	1.9590e-003	2.0020e-003
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.04	0.05
tblVehicleEF	OBUS	1.1400e-003	1.0680e-003
tblVehicleEF	OBUS	0.03	0.08
tblVehicleEF	OBUS	0.05	0.04
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tblVehicleEF	OBUS	2.9470e-003	9.6320e-003
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tblVehicleEF	OBUS	8.2200e-004	7.7300e-004
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tblVehicleEF	SBUS	1.3850e-003	8.4900e-004
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tblVehicleEF	UBUS	5.9750e-003	0.05
tblVehicleEF	UBUS	1.6450e-003	1.1180e-003
tblVehicleEF	UBUS	0.21	0.23
tblVehicleEF	UBUS	5.6750e-003	0.04
tblVehicleEF	UBUS	1.5130e-003	1.0280e-003
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tblVehicleEF	UBUS	8.0310e-003	8.7570e-003
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tblVehicleEF	UBUS	3.8210e-003	6.3040e-003
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tblVehicleEF	UBUS	1.5130e-003	1.0280e-003
tblVehicleEF	UBUS	5.2250e-003	8.4450e-003
tblVehicleEF	UBUS	0.05	0.10
tblVehicleEF	UBUS	4.1340e-003	4.8520e-003
tblVehicleEF	UBUS	0.07	0.58
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.68	0.90
tblVehicleEF	UBUS	8.0310e-003	8.7590e-003
tblVehicleEF	UBUS	1.5680e-003	1.5230e-003
tblVehicleEF	UBUS	5.2250e-003	8.4450e-003
tblVehicleEF	UBUS	0.05	0.10
tblVehicleEF	UBUS	4.1340e-003	4.8520e-003

tblVehicleEF	UBUS	1.02	2.70
tblVehicleEF	UBUS	0.02	0.03
tblVehicleEF	UBUS	0.75	0.98
tblVehicleEF	UBUS	0.94	2.05
tblVehicleEF	UBUS	0.06	0.07
tblVehicleEF	UBUS	4.36	9.39
tblVehicleEF	UBUS	7.76	13.64
tblVehicleEF	UBUS	1,705.12	1,845.89
tblVehicleEF	UBUS	144.21	131.11
tblVehicleEF	UBUS	0.93	5.34
tblVehicleEF	UBUS	11.89	13.71
tblVehicleEF	UBUS	0.49	0.54
tblVehicleEF	UBUS	5.9750e-003	0.05
tblVehicleEF	UBUS	1.6450e-003	1.1180e-003
tblVehicleEF	UBUS	0.21	0.23
tblVehicleEF	UBUS	5.6750e-003	0.04
tblVehicleEF	UBUS	1.5130e-003	1.0280e-003
tblVehicleEF	UBUS	3.7200e-003	7.1840e-003
tblVehicleEF	UBUS	0.06	0.13
tblVehicleEF	UBUS	2.9220e-003	3.8750e-003
tblVehicleEF	UBUS	0.07	0.57
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.75	0.98
tblVehicleEF	UBUS	8.0310e-003	8.7570e-003
tblVehicleEF	UBUS	1.5860e-003	1.5550e-003
tblVehicleEF	UBUS	3.7200e-003	7.1840e-003
tblVehicleEF	UBUS	0.06	0.13
tblVehicleEF	UBUS	2.9220e-003	3.8750e-003
tblVehicleEF	UBUS	1.02	2.68
tblVehicleEF	UBUS	0.02	0.04
tblVehicleEF	UBUS	0.82	1.08

tblVehicleTrips	CC_TL	8.40	6.07
tblVehicleTrips	CC_TL	8.40	6.07
tblVehicleTrips	CC_TL	8.40	6.07
tblVehicleTrips	CNW_TL	6.90	6.07
tblVehicleTrips	CNW_TL	6.90	6.07
tblVehicleTrips	CNW_TL	6.90	6.07
tblVehicleTrips	CW_TL	16.60	6.07
tblVehicleTrips	CW_TL	16.60	6.07
tblVehicleTrips	CW_TL	16.60	6.07
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	38.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	HO_TL	8.70	6.07
tblVehicleTrips	HO_TL	8.70	6.07
tblVehicleTrips	HO_TL	8.70	6.07
tblVehicleTrips	HS_TL	5.90	6.07
tblVehicleTrips	HS_TL	5.90	6.07
tblVehicleTrips	HS_TL	5.90	6.07
tblVehicleTrips	HW_TL	14.70	6.07
tblVehicleTrips	HW_TL	14.70	6.07
tblVehicleTrips	HW_TL	14.70	6.07
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00

tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	58.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	ST_TR	4.98	4.10
tblVehicleTrips	ST_TR	6.39	4.10
tblVehicleTrips	ST_TR	5.67	4.10
tblVehicleTrips	ST_TR	2.46	1.85
tblVehicleTrips	ST_TR	8.19	10.26
tblVehicleTrips	ST_TR	49.97	38.56
tblVehicleTrips	SU_TR	3.65	3.60
tblVehicleTrips	SU_TR	5.86	3.60
tblVehicleTrips	SU_TR	4.84	3.60
tblVehicleTrips	SU_TR	1.05	0.62
tblVehicleTrips	SU_TR	5.95	7.85
tblVehicleTrips	SU_TR	25.24	3.60
tblVehicleTrips	WD_TR	4.20	4.55
tblVehicleTrips	WD_TR	6.65	4.55
tblVehicleTrips	WD_TR	5.81	4.55
tblVehicleTrips	WD_TR	11.03	8.14
tblVehicleTrips	WD_TR	8.17	6.99
tblVehicleTrips	WD_TR	42.70	35.70
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	AerobicPercent	87.46	100.00
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	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	97,731,038.43	0.00
tblWater	IndoorWaterUseRate	78,184,830.75	0.00
tblWater	IndoorWaterUseRate	19,546,207.69	0.00
tblWater	IndoorWaterUseRate	31,992,074.64	0.00
tblWater	IndoorWaterUseRate	10,780,877.25	0.00
tblWater	IndoorWaterUseRate	75,553,971.91	204,772,300.00
tblWater	OutdoorWaterUseRate	61,613,045.97	0.00
tblWater	OutdoorWaterUseRate	49,290,436.77	0.00
tblWater	OutdoorWaterUseRate	12,322,609.19	0.00
tblWater	OutdoorWaterUseRate	19,608,045.75	0.00
tblWater	OutdoorWaterUseRate	1,197,875.25	0.00
tblWater	OutdoorWaterUseRate	46,307,273.11	10,149,920.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
tblWater	SepticTankPercent	10.33	0.00
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	75.00	0.00
tblWoodstoves	NumberCatalytic	60.00	0.00
tblWoodstoves	NumberCatalytic	15.00	0.00

tblWoodstoves	NumberNoncatalytic	75.00	0.00
tblWoodstoves	NumberNoncatalytic	60.00	0.00
tblWoodstoves	NumberNoncatalytic	15.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveDayYear	25.00	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00
tblWoodstoves	WoodstoveWoodMass	999.60	0.00

2.0 Emissions Summary

2.2 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	19.0463	0.3565	30.9065	1.6400e-003		0.1719	0.1719		0.1719	0.1719	0.0000	50.7411	50.7411	0.0486	0.0000	51.9568
Energy	0.2171	1.8813	0.9814	0.0118		0.1500	0.1500		0.1500	0.1500	0.0000	15,116.0819	15,116.0819	0.7779	0.1918	15,192.6914
Mobile	12.5212	59.0561	144.5601	0.4957	41.5487	0.5261	42.0747	11.1310	0.4940	11.6249	0.0000	45,763.8143	45,763.8143	2.1625	0.0000	45,817.8773
Waste						0.0000	0.0000		0.0000	0.0000	578.7455	0.0000	578.7455	34.2029	0.0000	1,433.8175
Water						0.0000	0.0000		0.0000	0.0000	72.4488	643.4510	715.8998	0.2859	0.1651	772.2523
Total	31.7846	61.2939	176.4480	0.5092	41.5487	0.8480	42.3967	11.1310	0.8159	11.9469	651.1943	61,574.0884	62,225.2826	37.4779	0.3569	63,268.5953

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	19.0463	0.3565	30.9065	1.6400e-003		0.1719	0.1719		0.1719	0.1719	0.0000	50.7411	50.7411	0.0486	0.0000	51.9568

Energy	0.2171	1.8813	0.9814	0.0118		0.1500	0.1500		0.1500	0.1500	0.0000	15,116.0819	15,116.0819	0.7779	0.1918	15,192.6914
Mobile	12.5212	59.0561	144.5601	0.4957	41.5487	0.5261	42.0747	11.1310	0.4940	11.6249	0.0000	45,763.8143	45,763.8143	2.1625	0.0000	45,817.8773
Waste						0.0000	0.0000		0.0000	0.0000	578.7455	0.0000	578.7455	34.2029	0.0000	1,433.8175
Water						0.0000	0.0000		0.0000	0.0000	57.9590	518.3900	576.3490	0.2289	0.1321	621.4488
Total	31.7846	61.2939	176.4480	0.5092	41.5487	0.8480	42.3967	11.1310	0.8159	11.9469	636.7045	61,449.0273	62,085.7318	37.4209	0.3240	63,117.7918

	ROG	NOx	CO	SO2	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	2.23	0.20	0.22	0.15	9.24	0.24

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	12.5212	59.0561	144.5601	0.4957	41.5487	0.5261	42.0747	11.1310	0.4940	11.6249	0.0000	45,763.8143	45,763.8143	2.1625	0.0000	45,817.8773
Unmitigated	12.5212	59.0561	144.5601	0.4957	41.5487	0.5261	42.0747	11.1310	0.4940	11.6249	0.0000	45,763.8143	45,763.8143	2.1625	0.0000	45,817.8773

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments High Rise	6,821.76	6,157.14	5398.80	14,413,619	14,413,619
Apartments Mid Rise	5,457.41	4,925.71	4319.04	11,530,895	11,530,895
Condo/Townhouse	1,364.35	1,231.43	1079.76	2,882,724	2,882,724
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	1,465.51	332.73	110.88	2,452,885	2,452,885
Hotel	2,970.31	4,359.74	3336.08	7,116,849	7,116,849

Parking Lot	0.00	0.00	0.00		
Regional Shopping Center	36,411.14	39,327.11	3671.18	71,036,050	71,036,050
Total	54,490.48	56,333.86	17,915.74	109,433,021	109,433,021

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 High Rise	6.07	6.07	6.07	40.20	19.20	40.60	100	0	0
Apartments Mid Rise	6.07	6.07	6.07	40.20	19.20	40.60	100	0	0
Condo/Townhouse	6.07	6.07	6.07	40.20	19.20	40.60	100	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	6.07	6.07	6.07	33.00	48.00	19.00	100	0	0
Hotel	6.07	6.07	6.07	19.40	61.60	19.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Regional Shopping Center	6.07	6.07	6.07	16.30	64.70	19.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments High Rise	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Apartments Mid Rise	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Condo/Townhouse	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Enclosed Parking with Elevator	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
General Office Building	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Hotel	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Parking Lot	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741
Regional Shopping Center	0.568908	0.042250	0.208291	0.102433	0.012079	0.005826	0.028362	0.022028	0.001968	0.001428	0.005032	0.000655	0.000741

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,967.6527	12,967.6527	0.7367	0.1524	13,031.4951
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	12,967.6527	12,967.6527	0.7367	0.1524	13,031.4951
NaturalGas Mitigated	0.2171	1.8813	0.9814	0.0118		0.1500	0.1500		0.1500	0.1500	0.0000	2,148.4292	2,148.4292	0.0412	0.0394	2,161.1963
NaturalGas Unmitigated	0.2171	1.8813	0.9814	0.0118		0.1500	0.1500		0.1500	0.1500	0.0000	2,148.4292	2,148.4292	0.0412	0.0394	2,161.1963

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 High Rise	1.4481e+07	0.0781	0.6673	0.2839	4.2600e-003		0.0540	0.0540		0.0540	0.0540	0.0000	772.7629	772.7629	0.0148	0.0142	777.3551
Apartments Mid Rise	1.15848e+007	0.0625	0.5338	0.2272	3.4100e-003		0.0432	0.0432		0.0432	0.0432	0.0000	618.2103	618.2103	0.0119	0.0113	621.8840
Condo/Townhouse	5.29369e+006	0.0285	0.2439	0.1038	1.5600e-003		0.0197	0.0197		0.0197	0.0197	0.0000	282.4914	282.4914	5.4100e-003	5.1800e-003	284.1701
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	1.1808e+006	6.3700e-003	0.0579	0.0486	3.5000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	63.0120	63.0120	1.2100e-003	1.1600e-003	63.3864
Hotel	5.9653e+006	0.0322	0.2924	0.2456	1.7500e-003		0.0222	0.0222		0.0222	0.0222	0.0000	318.3311	318.3311	6.1000e-003	5.8400e-003	320.2228
Parking Lot	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
Regional Shopping Center	1.7544e+006	9.4600e-003	0.0860	0.0722	5.2000e-004		6.5400e-003	6.5400e-003		6.5400e-003	6.5400e-003	0.0000	93.6215	93.6215	1.7900e-003	1.7200e-003	94.1778
Total		0.2171	1.8813	0.9814	0.0119		0.1500	0.1500		0.1500	0.1500	0.0000	2,148.4292	2,148.4292	0.0412	0.0394	2,161.1963

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 High Rise	1.4481e+07	0.0781	0.6673	0.2839	4.2600e-003		0.0540	0.0540		0.0540	0.0540	0.0000	772.7629	772.7629	0.0148	0.0142	777.3551
Apartments Mid Rise	1.15848e+007	0.0625	0.5338	0.2272	3.4100e-003		0.0432	0.0432		0.0432	0.0432	0.0000	618.2103	618.2103	0.0119	0.0113	621.8840
Condo/Townhouse	5.29369e+006	0.0285	0.2439	0.1038	1.5600e-003		0.0197	0.0197		0.0197	0.0197	0.0000	282.4914	282.4914	5.4100e-003	5.1800e-003	284.1701
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	1.1808e+006	6.3700e-003	0.0579	0.0486	3.5000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	63.0120	63.0120	1.2100e-003	1.1600e-003	63.3864
Hotel	5.9653e+006	0.0322	0.2924	0.2456	1.7500e-003		0.0222	0.0222		0.0222	0.0222	0.0000	318.3311	318.3311	6.1000e-003	5.8400e-003	320.2228
Parking Lot	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
Regional Shopping Center	1.7544e+006	9.4600e-003	0.0860	0.0722	5.2000e-004		6.5400e-003	6.5400e-003		6.5400e-003	6.5400e-003	0.0000	93.6215	93.6215	1.7900e-003	1.7200e-003	94.1778
Total		0.2171	1.8813	0.9814	0.0119		0.1500	0.1500		0.1500	0.1500	0.0000	2,148.4292	2,148.4292	0.0412	0.0394	2,161.1963

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	5.88206e+006	1,361.8821	0.0774	0.0160	1,368.5870
Apartments Mid Rise	4.70564e+006	1,089.5057	0.0619	0.0128	1,094.8696
Condo/Townhouse	1.49056e+006	345.1110	0.0196	4.0600e-003	346.8100
Enclosed Parking with Elevator	1.6021e+006	741.8759	0.0422	8.7200e-003	745.5283
Enclosed Parking with Elevator	3.73824e+006	1,731.0437	0.0984	0.0204	1,739.5660
Enclosed Parking with Elevator	4.12202e+006	954.3777	0.0542	0.0112	959.0763
Enclosed Parking with Elevator	5.46814e+006	1,266.0488	0.0719	0.0149	1,272.2818
Enclosed Parking with Elevator	8.54456e+006	1,978.3357	0.1124	0.0233	1,988.0754

General Office Building	2.2644e+006	524.2804	0.0298	6.1600e-003	526.8615
Hotel	1.91909e+006	444.3296	0.0252	5.2200e-003	446.5171
Parking Lot	159754	36.9881	2.1000e-003	4.3000e-004	37.1702
Regional Shopping Center	1.07712e+007	2,493.8741	0.1417	0.0293	2,506.1520
Total		12,967.6527	0.7368	0.1524	13,031.4951

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments High Rise	5.88206e+006	1,361.8821	0.0774	0.0160	1,368.5870
Apartments Mid Rise	4.70564e+006	1,089.5057	0.0619	0.0128	1,094.8696
Condo/Townhouse	1.49056e+006	345.1110	0.0196	4.0600e-003	346.8100
Enclosed Parking with Elevator	1.6021e+006	741.8759	0.0422	8.7200e-003	745.5283
Enclosed Parking with Elevator	3.73824e+006	1,731.0437	0.0984	0.0204	1,739.5660
Enclosed Parking with Elevator	4.12202e+006	954.3777	0.0542	0.0112	959.0763
Enclosed Parking with Elevator	5.46814e+006	1,266.0488	0.0719	0.0149	1,272.2818
Enclosed Parking with Elevator	8.54456e+006	1,978.3357	0.1124	0.0233	1,988.0754
General Office Building	2.2644e+006	524.2804	0.0298	6.1600e-003	526.8615
Hotel	1.91909e+006	444.3296	0.0252	5.2200e-003	446.5171
Parking Lot	159754	36.9881	2.1000e-003	4.3000e-004	37.1702
Regional Shopping Center	1.07712e+007	2,493.8741	0.1417	0.0293	2,506.1520
Total		12,967.6527	0.7368	0.1524	13,031.4951

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	19.0463	0.3565	30.9065	1.6400e-003		0.1719	0.1719		0.1719	0.1719	0.0000	50.7411	50.7411	0.0486	0.0000	51.9568
Unmitigated	19.0463	0.3565	30.9065	1.6400e-003		0.1719	0.1719		0.1719	0.1719	0.0000	50.7411	50.7411	0.0486	0.0000	51.9568

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	1.6666					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	16.4489					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	0.9308	0.3565	30.9065	1.6400e-003		0.1719	0.1719		0.1719	0.1719	0.0000	50.7411	50.7411	0.0486	0.0000	51.9568
Total	19.0463	0.3565	30.9065	1.6400e-003		0.1719	0.1719		0.1719	0.1719	0.0000	50.7411	50.7411	0.0486	0.0000	51.9568

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	1.6666					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	16.4489					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	0.9308	0.3565	30.9065	1.6400e-003		0.1719	0.1719		0.1719	0.1719	0.0000	50.7411	50.7411	0.0486	0.0000	51.9568
Total	19.0463	0.3565	30.9065	1.6400e-003		0.1719	0.1719		0.1719	0.1719	0.0000	50.7411	50.7411	0.0486	0.0000	51.9568

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	576.3490	0.2289	0.1321	621.4488
Unmitigated	715.8998	0.2859	0.1651	772.2523

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	204.772 / 10.1499	715.8998	0.2859	0.1651	772.2523
Total		715.8998	0.2859	0.1651	772.2523

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments High Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Apartments Mid Rise	0 / 0	0.0000	0.0000	0.0000	0.0000
Condo/Townhouse	0 / 0	0.0000	0.0000	0.0000	0.0000
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	0 / 0	0.0000	0.0000	0.0000	0.0000
Hotel	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	163.818 / 9.53077	576.3490	0.2289	0.1321	621.4488
Total		576.3490	0.2289	0.1321	621.4488

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	578.7455	34.2029	0.0000	1,433.8175
Unmitigated	578.7455	34.2029	0.0000	1,433.8175

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	690	140.0638	8.2775	0.0000	347.0021
Apartments Mid Rise	552	112.0510	6.6220	0.0000	277.6016

Condo/Townhouse	138	28.0128	1.6555	0.0000	69.4004
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	167.4	33.9807	2.0082	0.0000	84.1857
Hotel	232.69	47.2340	2.7915	0.0000	117.0202
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1071	217.4033	12.8482	0.0000	538.6075
Total		578.7455	34.2029	0.0000	1,433.8175

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments High Rise	690	140.0638	8.2775	0.0000	347.0021
Apartments Mid Rise	552	112.0510	6.6220	0.0000	277.6016
Condo/Townhouse	138	28.0128	1.6555	0.0000	69.4004
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	167.4	33.9807	2.0082	0.0000	84.1857
Hotel	232.69	47.2340	2.7915	0.0000	117.0202
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	1071	217.4033	12.8482	0.0000	538.6075
Total		578.7455	34.2029	0.0000	1,433.8175

9.0 Operational Offroad

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