

# APPENDIX I

## Concentration Predictions at Special Receptors Due to On and Offsite Traffic

DRAFT

I-1 - Offsite Traffic Predictions (140,000 tonnes/year)

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
3	Recreational 5	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1933.57	1939.07	0.3%	1946.36	5%	0.7%
			8 Hr	15700	1343.58	1344.27	<0.1%	1346.60	9%	0.2%
			24 Hr	-	1253.20	1253.70	<0.1%	1254.57	-	0.1%
			Annual	-	672.78	672.88	<0.1%	672.91	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	121.63	123.83	1.8%	142.34	36%	14.6%
			24 Hr	200	72.39	72.51	0.2%	74.79	37%	3.2%
			Annual <sup>2</sup>	100	38.32	38.33	<0.1%	38.40	38%	0.2%
		Particulate Matter PM2.5	1 Hr	-	25.02	25.06	0.2%	26.38	-	5.1%
			24 Hr <sup>3</sup>	30	20.67	20.67	<0.1%	20.96	70%	1.4%
			Annual	-	9.80	9.80	<0.1%	9.81	-	<0.1%
		Particulate Matter PM10	1 Hr	-	3.36	3.42	1.6%	7.50	-	55.2%
			24 Hr <sup>3</sup>	50	0.36	0.36	0.8%	0.82	2%	56.5%
			Annual	-	0.03	0.03	0.8%	0.05	-	32.6%
		Total Particulate Matter	1 Hr	-	92.88	92.99	0.1%	113.23	-	18.0%
			24 Hr	120	36.10	36.11	<0.1%	38.39	32%	6.0%
Annual <sup>4</sup>	60		21.34	21.34	<0.1%	21.40	36%	0.3%		
Sulfur Dioxide (SO2)	1 Hr	690	20.12	20.12	<0.1%	25.49	4%	21.1%		
	24 Hr	275	19.62	19.62	<0.1%	20.28	7%	3.3%		
	Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.05	11%	0.3%		
6	ECO 6	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1750.27	1753.94	0.2%	1760.23	5%	0.6%
			8 Hr	15700	1238.19	1238.65	<0.1%	1239.98	8%	0.1%
			24 Hr	-	1175.71	1176.05	<0.1%	1176.59	-	<0.1%
			Annual	-	657.93	657.99	<0.1%	658.01	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	118.98	120.50	1.3%	137.39	34%	13.4%
			24 Hr	200	70.38	70.51	0.2%	71.97	36%	2.2%
			Annual <sup>2</sup>	100	37.90	37.90	<0.1%	37.94	38%	0.1%
		Particulate Matter PM2.5	1 Hr	-	24.50	24.53	0.1%	26.10	-	6.1%
			24 Hr <sup>3</sup>	30	20.61	20.61	<0.1%	20.96	70%	1.7%
			Annual	-	9.79	9.79	<0.1%	9.80	-	<0.1%

Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
		Particulate Matter PM10	1 Hr	-	2.57	2.61	1.4%	5.44	-	52.7%
			24 Hr <sup>3</sup>	50	0.27	0.27	1.3%	0.62	1%	57.3%
			Annual	-	0.02	0.02	1.2%	0.03	-	35.3%
		Total Particulate Matter	1 Hr	-	91.31	91.38	<0.1%	105.42	-	13.4%
			24 Hr	120	35.92	35.92	<0.1%	36.79	31%	2.4%
			Annual <sup>4</sup>	60	21.31	21.31	<0.1%	21.35	36%	0.2%
		Sulfur Dioxide (SO2)	1 Hr	690	19.99	19.99	<0.1%	24.89	4%	19.7%
			24 Hr	275	19.61	19.61	<0.1%	20.03	7%	2.1%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.04	11%	0.1%
11	ECO 11	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1681.54	1685.66	0.2%	1690.40	5%	0.5%
			8 Hr	15700	1200.38	1200.91	<0.1%	1202.62	8%	0.2%
			24 Hr	-	1147.91	1148.30	<0.1%	1149.01	-	<0.1%
			Annual	-	652.60	652.68	<0.1%	652.69	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	117.92	120.02	1.8%	132.76	33%	11.2%
			24 Hr	200	67.42	67.54	0.2%	69.34	35%	2.8%
			Annual <sup>2</sup>	100	37.67	37.68	<0.1%	37.70	38%	<0.1%
		Particulate Matter PM2.5	1 Hr	-	24.35	24.39	0.2%	25.62	-	4.9%
			24 Hr <sup>3</sup>	30	20.57	20.57	<0.1%	20.88	70%	1.5%
			Annual	-	9.79	9.79	<0.1%	9.79	-	<0.1%
		Particulate Matter PM10	1 Hr	-	2.35	2.39	2.0%	4.60	-	49.0%
			24 Hr <sup>3</sup>	50	0.20	0.20	1.3%	0.52	1%	61.1%
			Annual	-	0.04	0.04	0.5%	0.05	-	24.1%
		Total Particulate Matter	1 Hr	-	90.85	90.95	0.1%	101.90	-	10.8%
			24 Hr	120	35.79	35.80	<0.1%	37.00	31%	3.3%
			Annual <sup>4</sup>	60	21.35	21.35	<0.1%	21.40	36%	0.2%
		Sulfur Dioxide (SO2)	1 Hr	690	19.95	19.95	<0.1%	23.65	3%	15.6%
			24 Hr	275	19.60	19.60	<0.1%	20.11	7%	2.6%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.04	11%	<0.1%

Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
12	Recreational 4	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	2105.41	2111.37	0.3%	2119.53	6%	0.7%
			8 Hr	15700	1311.51	1312.26	<0.1%	1313.90	8%	0.2%
			24 Hr	-	1229.61	1230.17	<0.1%	1230.90	-	0.1%
			Annual	-	668.26	668.37	<0.1%	668.40	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	124.05	126.12	1.6%	143.22	36%	13.4%
			24 Hr	200	72.83	72.95	0.2%	74.88	37%	2.7%
			Annual <sup>2</sup>	100	38.60	38.62	<0.1%	38.68	39%	0.2%
		Particulate Matter PM2.5	1 Hr	-	25.38	25.42	0.2%	26.62	-	4.7%
			24 Hr <sup>3</sup>	30	20.66	20.66	<0.1%	20.96	70%	1.5%
			Annual	-	9.81	9.81	<0.1%	9.81	-	<0.1%
		Particulate Matter PM10	1 Hr	-	3.91	3.96	1.3%	7.99	-	51.1%
			24 Hr <sup>3</sup>	50	0.34	0.34	0.9%	0.72	1%	52.6%
			Annual	-	0.04	0.04	0.9%	0.06	-	29.4%
		Total Particulate Matter	1 Hr	-	93.98	94.08	0.1%	114.05	-	17.6%
			24 Hr	120	36.07	36.08	<0.1%	37.93	32%	4.9%
			Annual <sup>4</sup>	60	21.35	21.36	<0.1%	21.42	36%	0.3%
Sulfur Dioxide (SO2)	1 Hr	690	20.21	20.21	<0.1%	25.17	4%	19.7%		
	24 Hr	275	19.62	19.62	<0.1%	20.18	7%	2.8%		
	Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.05	11%	0.3%		
13	Future Industrial 9	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1601.35	1607.99	0.4%	1621.33	4%	1.2%
			8 Hr	15700	1225.59	1226.41	<0.1%	1229.32	8%	0.3%
			24 Hr	-	1166.44	1167.05	<0.1%	1168.09	-	0.1%
			Annual	-	656.15	656.27	<0.1%	656.32	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	116.72	119.49	2.3%	150.82	38%	22.6%
			24 Hr	200	67.17	67.31	0.2%	69.94	35%	4.0%
			Annual <sup>2</sup>	100	37.86	37.87	<0.1%	37.93	38%	0.2%
		Particulate Matter PM2.5	1 Hr	-	24.21	24.26	0.2%	26.39	-	8.3%
			24 Hr <sup>3</sup>	30	20.56	20.56	<0.1%	20.87	70%	1.5%
			Annual	-	9.79	9.79	<0.1%	9.80	-	<0.1%
		Particulate Matter PM10	1 Hr	-	2.12	2.19	3.1%	8.95	-	76.3%
			24 Hr <sup>3</sup>	50	0.20	0.20	1.8%	0.86	2%	77.4%
Annual	-		0.10	0.10	0.3%	0.14	-	26.6%		

Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
		Total Particulate Matter	1 Hr	-	90.40	90.54	0.1%	124.06	-	27.1%
			24 Hr	120	35.78	35.78	<0.1%	39.05	33%	8.4%
			Annual <sup>4</sup>	60	21.48	21.48	<0.1%	21.66	36%	0.8%
		Sulfur Dioxide (SO <sub>2</sub> )	1 Hr	690	19.91	19.92	<0.1%	29.01	4%	31.3%
			24 Hr	275	19.59	19.59	<0.1%	20.35	7%	3.7%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.04	11%	0.2%
14	Future Industrial 10	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	2632.39	2670.65	1.4%	2698.68	7%	2.5%
			8 Hr	15700	1518.86	1523.65	0.3%	1527.52	10%	0.6%
			24 Hr	-	1382.06	1385.58	0.3%	1387.15	-	0.4%
			Annual	-	697.48	698.15	<0.1%	698.22	-	0.1%
		Nitrogen Oxides (NO <sub>x</sub> )	1 Hr	400	131.83	148.49	11.2%	197.35	49%	33.2%
			24 Hr	200	86.65	87.59	1.1%	91.69	46%	5.5%
			Annual <sup>2</sup>	100	41.51	41.70	0.4%	41.76	42%	0.6%
		Particulate Matter PM <sub>2.5</sub>	1 Hr	-	26.62	27.04	1.5%	31.07	-	14.3%
			24 Hr <sup>3</sup>	30	20.85	20.87	0.1%	21.36	71%	2.4%
			Annual	-	9.85	9.85	<0.1%	9.87	-	0.2%
		Particulate Matter PM <sub>10</sub>	1 Hr	-	5.81	6.34	8.5%	20.06	-	71.1%
			24 Hr <sup>3</sup>	50	0.63	0.66	4.5%	1.87	4%	66.2%
			Annual	-	0.11	0.11	5.5%	0.18	-	40.5%
		Total Particulate Matter	1 Hr	-	97.77	98.85	1.1%	166.85	-	41.4%
			24 Hr	120	36.65	36.71	0.2%	42.71	36%	14.2%
			Annual <sup>4</sup>	60	21.48	21.50	<0.1%	21.82	36%	1.5%
		Sulfur Dioxide (SO <sub>2</sub> )	1 Hr	690	20.52	20.56	0.2%	34.63	5%	40.8%
			24 Hr	275	19.67	19.67	<0.1%	20.84	8%	5.7%
			Annual <sup>3</sup>	55	6.04	6.05	<0.1%	6.06	11%	0.2%
		Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	2758.40	2765.74	0.3%	2773.95	8%	0.6%
			8 Hr	15700	1297.76	1298.68	<0.1%	1300.76	8%	0.2%
			24 Hr	-	1219.51	1220.18	<0.1%	1220.96	-	0.1%
			Annual	-	666.32	666.45	<0.1%	666.48	-	<0.1%
		Nitrogen Oxides (NO <sub>x</sub> )	1 Hr	400	134.30	139.20	3.5%	153.92	38%	12.7%
24 Hr	200		73.22	73.52	0.4%	75.61	38%	3.2%		
Annual <sup>2</sup>	100		38.92	38.94	<0.1%	39.01	39%	0.2%		



Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
240	Recreational 1	Particulate Matter PM2.5	1 Hr	-	26.95	27.05	0.4%	28.61	-	5.8%
			24 Hr <sup>3</sup>	30	20.65	20.66	<0.1%	20.98	70%	1.6%
			Annual	-	9.81	9.81	<0.1%	9.82	-	<0.1%
		Particulate Matter PM10	1 Hr	-	6.31	6.44	2.1%	10.86	-	41.9%
			24 Hr <sup>3</sup>	50	0.33	0.34	2.4%	0.68	1%	51.0%
			Annual	-	0.04	0.04	1.2%	0.06	-	25.5%
		Total Particulate Matter	1 Hr	-	98.77	99.05	0.3%	120.92	-	18.3%
			24 Hr	120	36.05	36.07	<0.1%	37.46	31%	3.8%
			Annual <sup>4</sup>	60	21.36	21.36	<0.1%	21.41	36%	0.2%
		Sulfur Dioxide (SO2)	1 Hr	690	20.60	20.61	<0.1%	24.88	4%	17.2%
			24 Hr	275	19.62	19.62	<0.1%	20.22	7%	3.0%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.05	11%	0.3%
241	Recreational 2	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	2231.43	2238.30	0.3%	2246.63	6%	0.7%
			8 Hr	15700	1274.85	1275.72	<0.1%	1277.66	8%	0.2%
			24 Hr	-	1202.66	1203.30	<0.1%	1204.05	-	0.1%
			Annual	-	663.09	663.22	<0.1%	663.25	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	126.36	128.29	1.5%	147.46	37%	14.3%
			24 Hr	200	72.77	72.90	0.2%	74.89	37%	2.8%
			Annual <sup>2</sup>	100	38.67	38.69	<0.1%	38.75	39%	0.2%
		Particulate Matter PM2.5	1 Hr	-	25.72	25.76	0.1%	27.16	-	5.3%
			24 Hr <sup>3</sup>	30	20.65	20.65	<0.1%	20.96	70%	1.5%
			Annual	-	9.80	9.81	<0.1%	9.81	-	<0.1%
		Particulate Matter PM10	1 Hr	-	4.43	4.48	1.0%	8.44	-	47.5%
			24 Hr <sup>3</sup>	50	0.33	0.33	1.0%	0.66	1%	49.9%
			Annual	-	0.04	0.04	1.1%	0.06	-	28.9%
		Total Particulate Matter	1 Hr	-	95.02	95.12	<0.1%	114.75	-	17.2%
			24 Hr	120	36.05	36.06	<0.1%	37.26	31%	3.3%
			Annual <sup>4</sup>	60	21.35	21.35	<0.1%	21.41	36%	0.3%
		Sulfur Dioxide (SO2)	1 Hr	690	20.29	20.30	<0.1%	25.85	4%	21.5%
			24 Hr	275	19.62	19.62	<0.1%	20.19	7%	2.9%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.05	11%	0.3%

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Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
242	Recreational 3	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	2162.69	2169.11	0.3%	2177.44	6%	0.7%
			8 Hr	15700	1269.12	1269.92	<0.1%	1271.68	8%	0.2%
			24 Hr	-	1198.45	1199.04	<0.1%	1199.85	-	0.1%
			Annual	-	662.29	662.40	<0.1%	662.43	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	125.05	126.81	1.4%	144.54	36%	13.5%
			24 Hr	200	72.49	72.61	0.2%	74.74	37%	3.0%
			Annual <sup>2</sup>	100	38.57	38.58	<0.1%	38.65	39%	0.2%
		Particulate Matter PM2.5	1 Hr	-	25.53	25.56	0.1%	26.81	-	4.8%
			24 Hr <sup>3</sup>	30	20.65	20.65	<0.1%	20.96	70%	1.5%
			Annual	-	9.80	9.80	<0.1%	9.81	-	<0.1%
		Particulate Matter PM10	1 Hr	-	4.14	4.18	1.0%	8.22	-	49.7%
			24 Hr <sup>3</sup>	50	0.33	0.33	0.9%	0.65	1%	49.8%
			Annual	-	0.04	0.04	1.0%	0.06	-	28.6%
		Total Particulate Matter	1 Hr	-	94.43	94.52	<0.1%	114.52	-	17.5%
			24 Hr	120	36.04	36.05	<0.1%	37.65	31%	4.3%
			Annual <sup>4</sup>	60	21.36	21.36	<0.1%	21.42	36%	0.3%
		Sulfur Dioxide (SO2)	1 Hr	690	20.24	20.25	<0.1%	25.38	4%	20.3%
			24 Hr	275	19.62	19.62	<0.1%	20.23	7%	3.0%
Annual <sup>3</sup>	55		6.03	6.03	<0.1%	6.05	11%	0.3%		
265	Future Industrial 7	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1819.01	1841.69	1.2%	1887.55	5%	3.6%
			8 Hr	15700	1340.15	1342.99	0.2%	1348.72	9%	0.6%
			24 Hr	-	1250.67	1252.76	0.2%	1254.85	-	0.3%
			Annual	-	672.30	672.70	<0.1%	672.83	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	119.49	130.43	8.4%	165.66	41%	27.9%
			24 Hr	200	72.41	72.96	0.8%	75.01	38%	3.5%
			Annual <sup>2</sup>	100	38.64	38.72	0.2%	38.80	39%	0.4%
		Particulate Matter PM2.5	1 Hr	-	24.73	25.01	1.1%	28.41	-	12.9%
			24 Hr <sup>3</sup>	30	20.66	20.67	<0.1%	21.02	70%	1.7%
			Annual	-	9.81	9.81	<0.1%	9.83	-	0.3%
		Particulate Matter PM10	1 Hr	-	2.92	3.28	10.9%	22.41	-	87.0%
			24 Hr <sup>3</sup>	50	0.34	0.36	5.0%	1.97	4%	82.6%
Annual	-		0.04	0.04	6.0%	0.17	-	76.2%		

Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
		Total Particulate Matter	1 Hr	-	92.00	92.72	0.8%	187.64	-	51.0%
			24 Hr	120	36.07	36.11	0.1%	44.07	37%	18.1%
			Annual <sup>4</sup>	60	21.35	21.36	<0.1%	21.97	37%	2.8%
		Sulfur Dioxide (SO <sub>2</sub> )	1 Hr	690	20.04	20.07	0.1%	30.29	4%	33.8%
			24 Hr	275	19.62	19.62	<0.1%	20.20	7%	2.9%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.04	11%	0.2%
267	Future Industrial 1	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1635.71	1642.13	0.4%	1661.04	5%	1.5%
			8 Hr	15700	1243.92	1244.72	<0.1%	1247.66	8%	0.3%
			24 Hr	-	1179.92	1180.51	<0.1%	1181.57	-	0.1%
			Annual	-	658.74	658.85	<0.1%	658.89	-	<0.1%
		Nitrogen Oxides (NO <sub>x</sub> )	1 Hr	400	117.35	120.34	2.5%	148.87	37%	21.2%
			24 Hr	200	68.37	68.53	0.2%	70.31	35%	2.8%
			Annual <sup>2</sup>	100	37.98	37.99	<0.1%	38.02	38%	0.1%
		Particulate Matter PM <sub>2.5</sub>	1 Hr	-	24.28	24.33	0.2%	26.36	-	7.9%
			24 Hr <sup>3</sup>	30	20.58	20.58	<0.1%	20.92	70%	1.6%
			Annual	-	9.79	9.79	<0.1%	9.80	-	<0.1%
		Particulate Matter PM <sub>10</sub>	1 Hr	-	2.22	2.29	3.2%	11.27	-	80.3%
			24 Hr <sup>3</sup>	50	0.22	0.22	1.8%	1.50	3%	85.2%
			Annual	-	0.02	0.02	1.3%	0.06	-	64.2%
		Total Particulate Matter	1 Hr	-	90.59	90.74	0.2%	135.23	-	33.0%
			24 Hr	120	35.83	35.84	<0.1%	42.14	35%	15.0%
			Annual <sup>4</sup>	60	21.32	21.32	<0.1%	21.49	36%	0.8%
		Sulfur Dioxide (SO <sub>2</sub> )	1 Hr	690	19.93	19.94	<0.1%	28.19	4%	29.3%
			24 Hr	275	19.60	19.60	<0.1%	20.11	7%	2.5%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.04	11%	0.1%
		Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1750.27	1755.77	0.3%	1766.07	5%	0.9%
			8 Hr	15700	1266.83	1267.52	<0.1%	1269.97	8%	0.2%
			24 Hr	-	1196.77	1197.27	<0.1%	1198.09	-	0.1%
			Annual	-	661.96	662.06	<0.1%	662.09	-	<0.1%
		Nitrogen Oxides (NO <sub>x</sub> )	1 Hr	400	118.92	122.70	3.1%	150.37	38%	20.9%
24 Hr	200		69.73	69.93	0.3%	72.12	36%	3.3%		
Annual <sup>2</sup>	100		38.00	38.01	<0.1%	38.03	38%	0.1%		



Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
268	Future Industrial 2	Particulate Matter PM2.5	1 Hr	-	24.51	24.59	0.3%	26.56	-	7.7%
			24 Hr <sup>3</sup>	30	20.60	20.60	<0.1%	20.95	70%	1.7%
			Annual	-	9.79	9.79	<0.1%	9.80	-	<0.1%
		Particulate Matter PM10	1 Hr	-	2.59	2.68	3.4%	6.94	-	62.6%
			24 Hr <sup>3</sup>	50	0.25	0.26	1.9%	0.61	1%	58.4%
			Annual	-	0.07	0.07	0.4%	0.09	-	23.3%
		Total Particulate Matter	1 Hr	-	91.34	91.52	0.2%	112.61	-	18.9%
			24 Hr	120	35.89	35.90	<0.1%	37.65	31%	4.7%
			Annual <sup>4</sup>	60	21.41	21.41	<0.1%	21.50	36%	0.4%
		Sulfur Dioxide (SO2)	1 Hr	690	19.99	20.00	<0.1%	28.02	4%	28.7%
			24 Hr	275	19.60	19.60	<0.1%	20.24	7%	3.1%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.04	11%	0.1%
269	Future Industrial 3	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	2472.00	2480.48	0.3%	2501.22	7%	1.2%
			8 Hr	15700	1380.24	1381.46	<0.1%	1384.23	9%	0.3%
			24 Hr	-	1280.15	1281.04	<0.1%	1282.52	-	0.2%
			Annual	-	677.95	678.12	<0.1%	678.17	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	129.63	134.62	3.7%	174.55	44%	25.7%
			24 Hr	200	80.90	81.21	0.4%	84.49	42%	4.3%
			Annual <sup>2</sup>	100	40.16	40.21	0.1%	40.27	40%	0.3%
		Particulate Matter PM2.5	1 Hr	-	26.19	26.29	0.4%	29.70	-	11.8%
			24 Hr <sup>3</sup>	30	20.76	20.76	<0.1%	21.17	71%	2.0%
			Annual	-	9.82	9.83	<0.1%	9.84	-	0.1%
		Particulate Matter PM10	1 Hr	-	5.16	5.28	2.3%	14.07	-	63.4%
			24 Hr <sup>3</sup>	50	0.49	0.50	1.6%	1.36	3%	63.7%
			Annual	-	0.07	0.07	1.9%	0.12	-	42.3%
		Total Particulate Matter	1 Hr	-	96.47	96.72	0.3%	140.33	-	31.3%
			24 Hr	120	36.37	36.39	<0.1%	40.63	34%	10.5%
			Annual <sup>4</sup>	60	21.41	21.42	<0.1%	21.65	36%	1.1%
		Sulfur Dioxide (SO2)	1 Hr	690	20.41	20.42	<0.1%	32.00	5%	36.2%
			24 Hr	275	19.64	19.64	<0.1%	20.59	7%	4.6%
			Annual <sup>3</sup>	55	6.04	6.04	<0.1%	6.05	11%	0.2%

Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
270	Future Industrial 4	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1681.54	1693.91	0.7%	1708.65	5%	1.6%
			8 Hr	15700	1249.65	1251.20	0.1%	1253.28	8%	0.3%
			24 Hr	-	1184.13	1185.28	<0.1%	1186.01	-	0.2%
			Annual	-	659.54	659.76	<0.1%	659.81	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	117.47	120.77	2.7%	143.23	36%	18.0%
			24 Hr	200	68.39	68.55	0.2%	70.24	35%	2.6%
			Annual <sup>2</sup>	100	37.94	37.95	<0.1%	38.03	38%	0.2%
		Particulate Matter PM2.5	1 Hr	-	24.39	24.45	0.3%	26.50	-	8.0%
			24 Hr <sup>3</sup>	30	20.59	20.59	<0.1%	20.89	70%	1.4%
			Annual	-	9.79	9.79	<0.1%	9.80	-	0.1%
		Particulate Matter PM10	1 Hr	-	2.39	2.48	3.5%	10.34	-	76.9%
			24 Hr <sup>3</sup>	50	0.24	0.24	1.8%	0.87	2%	72.8%
			Annual	-	0.02	0.02	1.5%	0.06	-	58.8%
		Total Particulate Matter	1 Hr	-	90.95	91.12	0.2%	130.07	-	30.1%
			24 Hr	120	35.86	35.87	<0.1%	38.99	32%	8.0%
			Annual <sup>4</sup>	60	21.32	21.32	<0.1%	21.46	36%	0.7%
Sulfur Dioxide (SO2)	1 Hr	690	19.96	19.96	<0.1%	26.40	4%	24.4%		
	24 Hr	275	19.60	19.60	<0.1%	20.09	7%	2.4%		
	Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.05	11%	0.3%		
271	Future Industrial 5	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1773.19	1777.77	0.3%	1787.11	5%	0.8%
			8 Hr	15700	1286.30	1286.88	<0.1%	1288.74	8%	0.2%
			24 Hr	-	1211.08	1211.50	<0.1%	1212.13	-	<0.1%
			Annual	-	664.71	664.79	<0.1%	664.81	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	119.26	123.36	3.3%	148.46	37%	19.7%
			24 Hr	200	70.96	71.18	0.3%	72.85	36%	2.6%
			Annual <sup>2</sup>	100	38.11	38.12	<0.1%	38.15	38%	0.1%
		Particulate Matter PM2.5	1 Hr	-	24.55	24.63	0.3%	26.44	-	7.2%
			24 Hr <sup>3</sup>	30	20.62	20.62	<0.1%	20.98	70%	1.8%
			Annual	-	9.79	9.79	<0.1%	9.80	-	<0.1%
		Particulate Matter PM10	1 Hr	-	2.65	2.74	3.5%	6.78	-	61.0%
			24 Hr <sup>3</sup>	50	0.28	0.28	1.8%	0.65	1%	57.1%
Annual	-		0.10	0.10	0.3%	0.12	-	12.9%		

Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
		Total Particulate Matter	1 Hr	-	91.45	91.64	0.2%	111.64	-	18.1%
			24 Hr	120	35.94	35.95	<0.1%	37.25	31%	3.5%
			Annual <sup>4</sup>	60	21.48	21.48	<0.1%	21.54	36%	0.3%
		Sulfur Dioxide (SO <sub>2</sub> )	1 Hr	690	20.00	20.01	<0.1%	27.29	4%	26.7%
			24 Hr	275	19.61	19.61	<0.1%	20.09	7%	2.4%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.04	11%	0.1%
272	Future Industrial 6	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	2998.98	3009.75	0.4%	3025.10	8%	0.9%
			8 Hr	15700	1591.04	1592.62	<0.1%	1595.19	10%	0.3%
			24 Hr	-	1435.12	1436.28	<0.1%	1437.24	-	0.1%
			Annual	-	707.65	707.87	<0.1%	707.91	-	<0.1%
		Nitrogen Oxides (NO <sub>x</sub> )	1 Hr	400	137.96	144.40	4.5%	164.54	41%	16.2%
			24 Hr	200	100.32	100.73	0.4%	103.20	52%	2.8%
			Annual <sup>2</sup>	100	41.82	41.87	0.1%	41.93	42%	0.3%
		Particulate Matter PM <sub>2.5</sub>	1 Hr	-	27.46	27.58	0.5%	29.78	-	7.8%
			24 Hr <sup>3</sup>	30	21.03	21.04	<0.1%	21.58	72%	2.5%
			Annual	-	9.85	9.85	<0.1%	9.86	-	<0.1%
		Particulate Matter PM <sub>10</sub>	1 Hr	-	7.08	7.24	2.2%	13.65	-	48.1%
			24 Hr <sup>3</sup>	50	0.92	0.93	1.1%	1.47	3%	37.6%
			Annual	-	0.10	0.11	1.3%	0.13	-	20.4%
		Total Particulate Matter	1 Hr	-	100.32	100.64	0.3%	132.35	-	24.2%
			24 Hr	120	37.22	37.24	<0.1%	39.33	33%	5.4%
			Annual <sup>4</sup>	60	21.48	21.49	<0.1%	21.60	36%	0.5%
		Sulfur Dioxide (SO <sub>2</sub> )	1 Hr	690	20.73	20.74	<0.1%	26.58	4%	22.0%
			24 Hr	275	19.71	19.71	<0.1%	20.42	7%	3.5%
			Annual <sup>3</sup>	55	6.04	6.04	<0.1%	6.06	11%	0.2%
		Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1876.29	1882.48	0.3%	1910.09	5%	1.8%
			8 Hr	15700	1286.30	1287.08	<0.1%	1290.71	8%	0.3%
			24 Hr	-	1211.08	1211.66	<0.1%	1212.98	-	0.2%
			Annual	-	664.71	664.82	<0.1%	664.88	-	<0.1%
		Nitrogen Oxides (NO <sub>x</sub> )	1 Hr	400	120.88	124.45	2.9%	163.13	41%	25.9%
24 Hr	200		74.36	74.57	0.3%	77.48	39%	4.0%		
Annual <sup>2</sup>	100		38.52	38.54	<0.1%	38.59	39%	0.2%		



Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
273	Future Industrial 11	Particulate Matter PM2.5	1 Hr	-	24.82	24.89	0.3%	27.81	-	10.8%
			24 Hr <sup>3</sup>	30	20.67	20.67	<0.1%	21.06	70%	1.9%
			Annual	-	9.80	9.80	<0.1%	9.81	-	0.1%
		Particulate Matter PM10	1 Hr	-	3.06	3.15	2.8%	16.57	-	81.5%
			24 Hr <sup>3</sup>	50	0.36	0.36	1.4%	1.29	3%	72.5%
			Annual	-	0.06	0.06	0.8%	0.12	-	48.4%
		Total Particulate Matter	1 Hr	-	92.29	92.46	0.2%	159.00	-	42.0%
			24 Hr	120	36.10	36.11	<0.1%	40.73	34%	11.4%
			Annual <sup>4</sup>	60	21.40	21.40	<0.1%	21.68	36%	1.3%
		Sulfur Dioxide (SO2)	1 Hr	690	20.07	20.07	<0.1%	31.29	5%	35.9%
			24 Hr	275	19.62	19.62	<0.1%	20.46	7%	4.1%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.04	11%	0.1%
274	Future Industrial 12	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	2483.46	2496.52	0.5%	2507.37	7%	1.0%
			8 Hr	15700	1435.23	1436.86	0.1%	1439.06	9%	0.3%
			24 Hr	-	1320.58	1321.77	<0.1%	1322.60	-	0.2%
			Annual	-	685.70	685.92	<0.1%	685.95	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	129.80	134.98	3.8%	157.05	39%	17.4%
			24 Hr	200	86.93	87.23	0.3%	89.44	45%	2.8%
			Annual <sup>2</sup>	100	39.90	39.93	<0.1%	39.98	40%	0.2%
		Particulate Matter PM2.5	1 Hr	-	26.19	26.29	0.4%	28.38	-	7.7%
			24 Hr <sup>3</sup>	30	20.84	20.85	<0.1%	21.30	71%	2.1%
			Annual	-	9.82	9.82	<0.1%	9.83	-	<0.1%
		Particulate Matter PM10	1 Hr	-	5.16	5.28	2.4%	10.39	-	50.4%
			24 Hr <sup>3</sup>	50	0.63	0.63	1.1%	1.09	2%	42.3%
			Annual	-	0.06	0.06	1.3%	0.08	-	24.7%
		Total Particulate Matter	1 Hr	-	96.47	96.73	0.3%	122.02	-	20.9%
			24 Hr	120	36.64	36.66	<0.1%	38.17	32%	4.0%
			Annual <sup>4</sup>	60	21.40	21.40	<0.1%	21.49	36%	0.4%
		Sulfur Dioxide (SO2)	1 Hr	690	20.41	20.42	<0.1%	26.81	4%	23.9%
			24 Hr	275	19.67	19.67	<0.1%	20.30	7%	3.1%
			Annual <sup>3</sup>	55	6.04	6.04	<0.1%	6.05	11%	0.2%

Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
275	Farm D	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	2288.71	2300.16	0.5%	2310.89	6%	1.0%
			8 Hr	15700	1395.14	1396.56	0.1%	1398.80	9%	0.3%
			24 Hr	-	1291.10	1292.14	<0.1%	1292.97	-	0.1%
			Annual	-	680.04	680.25	<0.1%	680.27	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	126.98	133.10	4.6%	155.88	39%	18.5%
			24 Hr	200	83.87	84.20	0.4%	86.41	43%	2.9%
			Annual <sup>2</sup>	100	39.44	39.47	<0.1%	39.52	40%	0.2%
		Particulate Matter PM2.5	1 Hr	-	25.75	25.87	0.5%	27.92	-	7.8%
			24 Hr <sup>3</sup>	30	20.80	20.81	<0.1%	21.24	71%	2.1%
			Annual	-	9.81	9.81	<0.1%	9.82	-	<0.1%
		Particulate Matter PM10	1 Hr	-	4.48	4.62	3.2%	8.80	-	49.1%
			24 Hr <sup>3</sup>	50	0.56	0.57	1.4%	1.01	2%	44.2%
			Annual	-	0.05	0.05	1.3%	0.07	-	26.6%
		Total Particulate Matter	1 Hr	-	95.11	95.41	0.3%	116.10	-	18.1%
			24 Hr	120	36.51	36.53	<0.1%	37.82	32%	3.5%
			Annual <sup>4</sup>	60	21.38	21.38	<0.1%	21.46	36%	0.4%
		Sulfur Dioxide (SO2)	1 Hr	690	20.80	20.31	<0.1%	26.92	4%	24.6%
			24 Hr	275	19.65	19.66	<0.1%	20.29	7%	3.2%
Annual <sup>3</sup>	55		6.04	6.04	<0.1%	6.05	11%	0.2%		
276	Farm E	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	1933.57	1936.09	0.1%	1941.16	5%	0.4%
			8 Hr	15700	1250.79	1251.16	<0.1%	1252.80	8%	0.2%
			24 Hr	-	1184.97	1185.24	<0.1%	1185.82	-	<0.1%
			Annual	-	659.70	659.76	<0.1%	659.78	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	121.96	123.75	1.4%	137.37	34%	11.2%
			24 Hr	200	71.87	71.99	0.2%	73.52	37%	2.2%
			Annual <sup>2</sup>	100	37.75	37.75	<0.1%	37.80	38%	0.1%
		Particulate Matter PM2.5	1 Hr	-	24.97	25.01	0.1%	26.69	-	6.4%
			24 Hr <sup>3</sup>	30	20.63	20.63	<0.1%	20.97	70%	1.6%
			Annual	-	9.79	9.79	<0.1%	9.80	-	<0.1%
		Particulate Matter PM10	1 Hr	-	3.29	3.34	1.4%	6.01	-	45.3%
			24 Hr <sup>3</sup>	50	0.30	0.30	1.0%	0.64	1%	53.3%
Annual	-		0.11	0.11	0.2%	0.11	-	7.6%		

Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
		Total Particulate Matter	1 Hr	-	92.74	92.83	0.1%	106.06	-	12.6%
			24 Hr	120	35.99	35.99	<0.1%	36.79	31%	2.2%
			Annual <sup>4</sup>	60	21.49	21.49	<0.1%	21.51	36%	0.1%
		Sulfur Dioxide (SO <sub>2</sub> )	1 Hr	690	20.10	20.11	<0.1%	24.05	3%	16.4%
			24 Hr	275	19.61	19.61	<0.1%	20.05	7%	2.2%
			Annual <sup>3</sup>	55	6.03	6.03	<0.1%	6.04	11%	0.2%
277	Residence	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	4499.72	4520.11	0.5%	4527.83	13%	0.6%
			8 Hr	15700	2097.39	2100.60	0.2%	2103.04	13%	0.3%
			24 Hr	-	1807.40	1809.75	0.1%	1810.76	-	0.2%
			Annual	-	779.00	779.46	<0.1%	779.50	-	<0.1%
		Nitrogen Oxides (NO <sub>x</sub> )	1 Hr	400	160.39	179.11	10.4%	199.85	50%	19.7%
			24 Hr	200	115.16	116.60	1.2%	119.26	60%	3.4%
			Annual <sup>2</sup>	100	42.10	42.15	0.1%	42.24	42%	0.3%
		Particulate Matter PM <sub>2.5</sub>	1 Hr	-	31.08	31.50	1.3%	33.33	-	6.8%
			24 Hr <sup>3</sup>	30	21.50	21.53	0.1%	21.96	73%	2.1%
			Annual	-	9.85	9.85	<0.1%	9.86	-	<0.1%
		Particulate Matter PM <sub>10</sub>	1 Hr	-	12.57	13.08	3.9%	16.16	-	22.2%
			24 Hr <sup>3</sup>	50	1.63	1.67	2.3%	2.10	4%	22.3%
			Annual	-	0.11	0.11	1.1%	0.13	-	11.2%
		Total Particulate Matter	1 Hr	-	111.30	112.32	0.9%	127.56	-	12.7%
			24 Hr	120	38.66	38.73	0.2%	39.67	33%	2.6%
			Annual <sup>4</sup>	60	21.50	21.50	<0.1%	21.54	36%	0.2%
		Sulfur Dioxide (SO <sub>2</sub> )	1 Hr	690	21.63	21.68	0.2%	27.70	4%	21.9%
			24 Hr	275	19.83	19.83	<0.1%	20.60	7%	3.7%
			Annual <sup>3</sup>	55	6.05	6.05	<0.1%	6.07	11%	0.4%
		Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	3709.26	3717.05	0.2%	3723.72	10%	0.4%
			8 Hr	15700	1860.25	1861.49	<0.1%	1864.08	12%	0.2%
			24 Hr	-	1633.05	1633.96	<0.1%	1634.91	-	0.1%
			Annual	-	745.59	745.76	<0.1%	745.80	-	<0.1%
		Nitrogen Oxides (NO <sub>x</sub> )	1 Hr	400	148.84	156.67	5.0%	174.61	44%	14.8%
24 Hr	200		117.48	118.12	0.5%	120.65	60%	2.6%		
Annual <sup>2</sup>	100		39.48	39.51	<0.1%	39.61	40%	0.3%		



Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
278	Farm F	Particulate Matter PM2.5	1 Hr	-	29.22	29.40	0.6%	31.22	-	6.4%
			24 Hr <sup>3</sup>	30	21.29	21.30	<0.1%	21.70	72%	1.9%
			Annual	-	9.81	9.81	<0.1%	9.82	-	<0.1%
		Particulate Matter PM10	1 Hr	-	9.77	9.99	2.2%	12.13	-	19.5%
			24 Hr <sup>3</sup>	50	1.30	1.32	1.3%	1.73	3%	24.6%
			Annual	-	0.14	0.14	0.5%	0.15	-	8.8%
		Total Particulate Matter	1 Hr	-	105.70	106.14	0.4%	116.75	-	9.5%
			24 Hr	120	37.99	38.03	<0.1%	38.75	32%	2.0%
			Annual <sup>4</sup>	60	21.55	21.55	<0.1%	21.58	36%	0.2%
		Sulfur Dioxide (SO2)	1 Hr	690	21.17	21.19	<0.1%	26.39	4%	19.8%
			24 Hr	275	19.78	19.78	<0.1%	20.50	7%	3.6%
			Annual <sup>3</sup>	55	6.04	6.04	<0.1%	6.07	11%	0.5%
296	Former Restaurant	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	3663.43	3677.64	0.4%	3687.47	10%	0.7%
			8 Hr	15700	1845.36	1847.28	0.1%	1849.39	12%	0.2%
			24 Hr	-	1622.10	1623.52	<0.1%	1624.42	-	0.1%
			Annual	-	743.49	743.76	<0.1%	743.79	-	<0.1%
		Nitrogen Oxides (NOx)	1 Hr	400	148.26	156.46	5.2%	174.52	44%	15.0%
			24 Hr	200	118.89	119.45	0.5%	121.82	61%	2.4%
			Annual <sup>2</sup>	100	43.60	43.68	0.2%	43.75	44%	0.3%
		Particulate Matter PM2.5	1 Hr	-	29.04	29.20	0.6%	31.26	-	7.1%
			24 Hr <sup>3</sup>	30	21.30	21.31	<0.1%	21.80	73%	2.3%
			Annual	-	9.87	9.88	<0.1%	9.88	-	<0.1%
		Particulate Matter PM10	1 Hr	-	9.51	9.72	2.2%	14.35	-	33.7%
			24 Hr <sup>3</sup>	50	1.32	1.34	1.2%	1.83	4%	27.9%
			Annual	-	0.14	0.15	1.5%	0.16	-	10.9%
		Total Particulate Matter	1 Hr	-	105.17	105.60	0.4%	128.52	-	18.2%
			24 Hr	120	38.03	38.06	<0.1%	39.28	33%	3.2%
			Annual <sup>4</sup>	60	21.56	21.57	<0.1%	21.63	36%	0.3%
		Sulfur Dioxide (SO2)	1 Hr	690	21.12	21.14	<0.1%	26.37	4%	19.9%
			24 Hr	275	19.78	19.78	<0.1%	20.46	7%	3.3%
			Annual <sup>3</sup>	55	6.05	6.05	<0.1%	6.07	11%	0.3%

Appendix I-1 - Offsite Traffic Predictions

Receptor ID	Description	Contaminant	Averaging Period	Air Quality Criteria	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
Overall Maxima	Carbon Monoxide (CO)	1 Hr <sup>3</sup>	36200	4499.72	4520.11	1.4%	4527.83	13%	4%	
		8 Hr	15700	2097.39	2100.60	0.3%	2103.04	13%	0.6%	
		24 Hr	-	1807.40	1809.75	0.3%	1810.76	-	0.4%	
		Annual	-	779.00	779.46	<0.1%	779.50	-	0.1%	
	Nitrogen Oxides (NOx)	1 Hr	400	160.39	179.11	11.2%	199.85	50%	33%	
		24 Hr	200	118.89	119.45	1.2%	121.82	61%	5%	
		Annual <sup>2</sup>	100	43.60	43.68	0.4%	43.75	44%	1%	
	Particulate Matter PM2.5	1 Hr	-	31.08	31.50	1.5%	33.33	-	14%	
		24 Hr <sup>3</sup>	30	21.50	21.53	0.1%	21.96	73%	3%	
		Annual	-	9.87	9.88	<0.1%	9.88	-	0.3%	
	Particulate Matter PM10	1 Hr	-	12.57	13.08	10.9%	22.41	-	87%	
		24 Hr <sup>3</sup>	50	1.63	1.67	5.0%	2.10	4%	85%	
		Annual	-	0.14	0.15	6.0%	0.18	-	76%	
	Total Particulate Matter	1 Hr	-	111.30	112.32	1.1%	187.64	-	51%	
		24 Hr	120	38.66	38.73	0.2%	44.07	37%	18%	
		Annual <sup>4</sup>	60	21.56	21.57	<0.1%	21.97	37%	3%	
	Sulfur Dioxide (SO2)	1 Hr	690	21.63	21.68	0.2%	34.63	5%	41%	
		24 Hr	275	19.83	19.83	<0.1%	20.84	8%	6%	
		Annual <sup>3</sup>	55	6.05	6.05	<0.1%	6.07	11%	0.5%	

Notes:

<sup>1</sup> Reg419/05 Schedule 3 Criteria unless

<sup>2</sup> O. Reg. 419 Guidelines

<sup>3</sup> Ontario's ambient air quality criteria

<sup>4</sup> National Ambient Air Quality Objectives

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I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
3	Recreational 5	Carbon Monoxide (CO)	1933.57	1939.07	0.3%	1959.01	5%	1.3%
			1343.58	1344.27	<0.1%	1351.76	9%	0.6%
			1253.20	1253.70	<0.1%	1256.59	-	0.3%
			672.78	672.88	<0.1%	672.98	-	<0.1%
		Nitrogen Oxides (NOx)	121.63	123.83	1.8%	177.48	44%	31.5%
			72.39	72.51	0.2%	80.24	40%	9.8%
			38.32	38.33	<0.1%	38.57	39%	0.7%
		Particulate Matter PM2.5	25.02	25.06	0.2%	29.32	-	14.7%
			20.67	20.67	<0.1%	21.47	72%	3.8%
			9.80	9.80	<0.1%	9.83	-	0.3%
			3.36	3.42	1.6%	7.68	-	56.2%
		Particulate Matter PM10	0.36	0.36	0.8%	1.18	2%	69.7%
			0.03	0.03	0.8%	0.07	-	49.2%
			92.88	92.99	0.1%	113.23	-	18.0%
		Total Particulate Matter	36.10	36.11	<0.1%	38.39	32%	6.0%
			21.34	21.34	<0.1%	21.42	36%	0.4%
Sulfur Dioxide (SO2)	20.12	20.12	<0.1%	35.63	5%	43.5%		
	19.62	19.62	<0.1%	21.85	8%	10.2%		
	6.03	6.03	<0.1%	6.10	11%	1.1%		
6	ECO 6	Carbon Monoxide (CO)	1750.27	1753.94	0.2%	1772.19	5%	1.2%
			1238.19	1238.65	<0.1%	1243.19	8%	0.4%
			1175.71	1176.05	<0.1%	1177.87	-	0.2%
			657.93	657.99	<0.1%	658.04	-	<0.1%
		Nitrogen Oxides (NOx)	118.98	120.50	1.3%	169.59	42%	29.8%
			70.38	70.51	0.2%	75.39	38%	6.6%
			37.90	37.90	<0.1%	38.01	38%	0.3%
		Particulate Matter PM2.5	24.50	24.53	0.1%	29.06	-	15.7%
			20.61	20.61	<0.1%	21.61	72%	4.7%
			9.79	9.79	<0.1%	9.81	-	0.1%
			2.57	2.61	1.4%	7.14	-	64.0%
		Particulate Matter PM10	0.27	0.27	1.3%	1.28	3%	79.2%
			0.02	0.02	1.2%	0.04	-	50.3%
			91.31	91.38	<0.1%	105.42	-	13.4%
		Total Particulate Matter	35.92	35.92	<0.1%	36.94	31%	2.8%
			21.31	21.31	<0.1%	21.36	36%	0.2%
Sulfur Dioxide (SO2)	19.99	19.99	<0.1%	34.18	5%	41.5%		
	19.61	19.61	<0.1%	21.02	8%	6.7%		
	6.03	6.03	<0.1%	6.06	11%	0.5%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
11	ECO 11	Carbon Monoxide (CO)	1681.54	1685.66	0.2%	1700.18	5%	1.1%
			1200.38	1200.91	<0.1%	1206.37	8%	0.5%
			1147.91	1148.30	<0.1%	1150.57	-	0.2%
			652.60	652.68	<0.1%	652.71	-	<0.1%
		Nitrogen Oxides (NOx)	117.92	120.02	1.8%	159.08	40%	25.9%
			67.42	67.54	0.2%	73.55	37%	8.3%
			37.67	37.68	<0.1%	37.75	38%	0.2%
			24.35	24.39	0.2%	28.21	-	13.7%
		Particulate Matter PM2.5	20.57	20.57	<0.1%	21.47	72%	4.2%
			9.79	9.79	<0.1%	9.80	-	0.1%
			2.35	2.39	2.0%	6.22	-	62.3%
			0.20	0.20	1.3%	1.11	2%	81.7%
		Particulate Matter PM10	0.04	0.04	0.5%	0.06	-	32.9%
			90.85	90.95	0.1%	101.90	-	10.8%
			35.79	35.80	<0.1%	37.00	31%	3.3%
			21.35	21.35	<0.1%	21.40	36%	0.2%
Sulfur Dioxide (SO2)	19.95	19.95	<0.1%	31.24	5%	36.1%		
	19.60	19.60	<0.1%	21.33	8%	8.1%		
	6.03	6.03	<0.1%	6.05	11%	0.3%		
	2105.41	2111.37	0.3%	2132.68	6%	1.3%		
12	Recreational 4	Carbon Monoxide (CO)	1311.51	1312.26	<0.1%	1317.59	8%	0.5%
			1229.61	1230.17	<0.1%	1232.59	-	0.2%
			668.26	668.37	<0.1%	668.46	-	<0.1%
			124.05	126.12	1.6%	183.48	46%	32.4%
		Nitrogen Oxides (NOx)	72.83	72.95	0.2%	79.43	40%	8.3%
			38.60	38.62	<0.1%	38.85	39%	0.6%
			25.38	25.42	0.2%	29.94	-	15.2%
			20.66	20.66	<0.1%	21.50	72%	3.9%
		Particulate Matter PM2.5	9.81	9.81	<0.1%	9.83	-	0.3%
			3.91	3.96	1.3%	8.48	-	53.9%
			0.34	0.34	0.9%	1.20	2%	71.7%
			0.04	0.04	0.9%	0.07	-	45.3%
		Total Particulate Matter	93.98	94.08	0.1%	114.05	-	17.6%
			36.07	36.08	<0.1%	37.93	32%	4.9%
			21.35	21.36	<0.1%	21.43	36%	0.4%
			20.21	20.21	<0.1%	36.78	5%	45.1%
Sulfur Dioxide (SO2)	19.62	19.62	<0.1%	21.49	8%	8.7%		
	6.03	6.03	<0.1%	6.10	11%	1.1%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
13	Future Industrial 9	Carbon Monoxide (CO)	1601.35	1607.99	0.4%	1644.29	5%	2.6%
			1225.59	1226.41	<0.1%	1234.16	8%	0.7%
			1166.44	1167.05	<0.1%	1169.71	-	0.3%
			656.15	656.27	<0.1%	656.36	-	<0.1%
		Nitrogen Oxides (NOx)	116.72	119.49	2.3%	217.16	54%	46.2%
			67.17	67.31	0.2%	74.34	37%	9.6%
			37.86	37.87	<0.1%	38.03	38%	0.4%
			24.21	24.26	0.2%	31.63	-	23.5%
		Particulate Matter PM2.5	20.56	20.56	<0.1%	21.45	71%	4.1%
			9.79	9.79	<0.1%	9.81	-	0.2%
			2.12	2.19	3.1%	9.56	-	77.8%
			0.20	0.20	1.8%	1.10	2%	82.3%
		Particulate Matter PM10	0.10	0.10	0.3%	0.15	-	30.2%
			90.40	90.54	0.1%	124.06	-	27.1%
			35.78	35.78	<0.1%	39.07	33%	8.4%
			21.48	21.48	<0.1%	21.67	36%	0.8%
Sulfur Dioxide (SO2)	19.91	19.92	<0.1%	48.15	7%	58.6%		
	19.59	19.59	<0.1%	21.62	8%	9.4%		
	6.03	6.03	<0.1%	6.07	11%	0.7%		
	2632.39	2670.65	1.4%	2716.54	8%	3.1%		
14	Future Industrial 10	Carbon Monoxide (CO)	1518.86	1523.65	0.3%	1534.74	10%	1.0%
			1382.06	1385.58	0.3%	1389.89	-	0.6%
			697.48	698.15	<0.1%	698.25	-	0.1%
			131.83	148.49	11.2%	268.63	67%	50.9%
		Nitrogen Oxides (NOx)	86.65	87.59	1.1%	99.05	50%	12.5%
			41.51	41.70	0.4%	41.86	42%	0.8%
			26.62	27.04	1.5%	37.57	-	29.1%
			20.85	20.87	0.1%	22.20	74%	6.1%
		Particulate Matter PM2.5	9.85	9.85	<0.1%	9.88	-	0.3%
			5.81	6.34	8.5%	20.06	-	71.1%
			0.63	0.66	4.5%	2.11	4%	70.0%
			0.11	0.11	5.5%	0.19	-	43.0%
		Total Particulate Matter	97.77	98.85	1.1%	166.85	-	41.4%
			36.65	36.71	0.2%	42.71	36%	14.2%
			21.49	21.50	<0.1%	21.83	36%	1.5%
			20.52	20.56	0.2%	55.19	8%	62.8%
Sulfur Dioxide (SO2)	19.67	19.67	<0.1%	22.97	8%	14.4%		
	6.04	6.05	<0.1%	6.09	11%	0.7%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
240	Recreational 1	Carbon Monoxide (CO)	2758.40	2765.74	0.3%	2780.20	8%	0.8%
			1297.76	1298.68	<0.1%	1304.76	8%	0.5%
			1219.51	1220.18	<0.1%	1222.56	-	0.2%
			666.32	666.45	<0.1%	666.54	-	<0.1%
		Nitrogen Oxides (NOx)	134.30	139.20	3.5%	178.09	45%	24.6%
			73.22	73.52	0.4%	79.92	40%	8.4%
			38.92	38.94	<0.1%	39.17	39%	0.6%
		Particulate Matter PM2.5	26.95	27.05	0.4%	31.02	-	13.1%
			20.65	20.66	<0.1%	21.55	72%	4.2%
			9.81	9.81	<0.1%	9.83	-	0.3%
		Particulate Matter PM10	6.31	6.44	2.1%	10.86	-	41.9%
			0.33	0.34	2.4%	1.25	3%	73.5%
			0.04	0.04	1.2%	0.08	-	41.8%
		Total Particulate Matter	98.77	99.05	0.3%	120.92	-	18.3%
			36.05	36.07	<0.1%	37.46	31%	3.8%
			21.36	21.36	<0.1%	21.43	36%	0.3%
Sulfur Dioxide (SO2)	20.60	20.61	<0.1%	31.85	5%	35.3%		
	19.62	19.62	<0.1%	21.47	8%	8.6%		
	6.03	6.03	<0.1%	6.10	11%	1.1%		
241	Recreational 2	Carbon Monoxide (CO)	2231.43	2238.30	0.3%	2259.50	6%	1.2%
			1274.85	1275.72	<0.1%	1281.59	8%	0.5%
			1202.66	1203.30	<0.1%	1205.95	-	0.3%
			663.09	663.22	<0.1%	663.31	-	<0.1%
		Nitrogen Oxides (NOx)	126.36	128.29	1.5%	184.17	46%	31.4%
			72.77	72.90	0.2%	79.97	40%	9.0%
			38.67	38.69	<0.1%	38.91	39%	0.6%
		Particulate Matter PM2.5	25.72	25.76	0.1%	29.97	-	14.2%
			20.65	20.65	<0.1%	21.52	72%	4.1%
			9.80	9.81	<0.1%	9.83	-	0.2%
		Particulate Matter PM10	4.43	4.48	1.0%	8.69	-	49.0%
			0.33	0.33	1.0%	1.22	2%	72.8%
			0.04	0.04	1.1%	0.07	-	44.8%
		Total Particulate Matter	95.02	95.12	<0.1%	114.75	-	17.2%
			36.05	36.06	<0.1%	37.26	31%	3.3%
			21.35	21.35	<0.1%	21.42	36%	0.3%
Sulfur Dioxide (SO2)	20.29	20.30	<0.1%	36.44	5%	44.3%		
	19.62	19.62	<0.1%	21.66	8%	9.4%		
	6.03	6.03	<0.1%	6.10	11%	1.0%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
242	Recreational 3	Carbon Monoxide (CO)	2162.69	2169.11	0.3%	2190.18	6%	1.3%
			1269.12	1269.92	<0.1%	1275.47	8%	0.5%
			1198.45	1199.04	<0.1%	1201.75	-	0.3%
			662.29	662.40	<0.1%	662.49	-	<0.1%
		Nitrogen Oxides (NOx)	125.05	126.81	1.4%	183.52	46%	31.9%
			72.49	72.61	0.2%	79.87	40%	9.2%
			38.57	38.58	<0.1%	38.81	39%	0.6%
			25.53	25.56	0.1%	30.02	-	15.0%
		Particulate Matter PM2.5	20.65	20.65	<0.1%	21.50	72%	4.0%
			9.80	9.80	<0.1%	9.83	-	0.2%
			4.14	4.18	1.0%	8.64	-	52.1%
			0.33	0.33	0.9%	1.20	2%	72.6%
		Particulate Matter PM10	0.04	0.04	1.0%	0.07	-	44.5%
			94.43	94.52	<0.1%	114.52	-	17.5%
			36.04	36.05	<0.1%	37.65	31%	4.3%
			21.36	21.36	<0.1%	21.43	36%	0.3%
Sulfur Dioxide (SO2)	20.24	20.25	<0.1%	36.64	5%	44.7%		
	19.62	19.62	<0.1%	21.71	8%	9.7%		
	6.03	6.03	<0.1%	6.10	11%	1.0%		
	1819.01	1841.69	1.2%	1887.55	5%	3.6%		
265	Future Industrial 7	Carbon Monoxide (CO)	1340.15	1342.99	0.2%	1349.59	9%	0.7%
			1250.67	1252.76	0.2%	1255.23	-	0.4%
			672.30	672.70	<0.1%	672.85	-	<0.1%
			119.49	130.43	8.4%	203.15	51%	41.2%
		Nitrogen Oxides (NOx)	72.41	72.96	0.8%	78.99	39%	8.3%
			38.64	38.72	0.2%	38.87	39%	0.6%
			24.73	25.01	1.1%	32.13	-	23.0%
			20.66	20.67	<0.1%	21.64	72%	4.6%
		Particulate Matter PM2.5	9.81	9.81	<0.1%	9.84	-	0.4%
			2.92	3.28	10.9%	22.41	-	87.0%
			0.34	0.36	5.0%	1.97	4%	82.6%
			0.04	0.04	6.0%	0.18	-	77.3%
		Total Particulate Matter	92.00	92.72	0.8%	187.64	-	51.0%
			36.07	36.11	0.1%	44.07	37%	18.1%
			21.35	21.36	<0.1%	21.97	37%	2.8%
			20.04	20.07	0.1%	41.09	6%	51.2%
Sulfur Dioxide (SO2)	19.62	19.62	<0.1%	21.35	8%	8.1%		
	6.03	6.03	<0.1%	6.07	11%	0.5%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
267	Future Industrial 1	Carbon Monoxide (CO)	1635.71	1642.13	0.4%	1669.25	5%	2.0%
			1243.92	1244.72	<0.1%	1251.14	8%	0.6%
			1179.92	1180.51	<0.1%	1182.77	-	0.2%
			658.74	658.85	<0.1%	658.91	-	<0.1%
		Nitrogen Oxides (NOx)	117.35	120.34	2.5%	193.28	48%	39.3%
			68.37	68.53	0.2%	74.52	37%	8.2%
			37.98	37.99	<0.1%	38.07	38%	0.3%
		Particulate Matter PM2.5	24.28	24.33	0.2%	30.83	-	21.3%
			20.58	20.58	<0.1%	21.55	72%	4.5%
			9.79	9.79	<0.1%	9.81	-	0.2%
		Particulate Matter PM10	2.22	2.29	3.2%	11.27	-	80.3%
			0.22	0.22	1.8%	1.50	3%	85.2%
			0.02	0.02	1.3%	0.07	-	68.0%
		Total Particulate Matter	90.59	90.74	0.2%	135.23	-	33.0%
			35.83	35.84	<0.1%	42.14	35%	15.0%
			21.32	21.32	<0.1%	21.50	36%	0.9%
Sulfur Dioxide (SO2)	19.93	19.94	<0.1%	41.02	6%	51.4%		
	19.60	19.60	<0.1%	21.32	8%	8.1%		
	6.03	6.03	<0.1%	6.05	11%	0.4%		
268	Future Industrial 2	Carbon Monoxide (CO)	1750.27	1755.77	0.3%	1785.82	5%	2.0%
			1266.83	1267.52	<0.1%	1274.43	8%	0.6%
			1196.77	1197.27	<0.1%	1199.60	-	0.2%
			661.96	662.06	<0.1%	662.10	-	<0.1%
		Nitrogen Oxides (NOx)	118.92	122.70	3.1%	203.54	51%	41.6%
			69.73	69.93	0.3%	76.18	38%	8.5%
			38.00	38.01	<0.1%	38.08	38%	0.2%
		Particulate Matter PM2.5	24.51	24.59	0.3%	30.92	-	20.7%
			20.60	20.60	<0.1%	21.61	72%	4.7%
			9.79	9.79	<0.1%	9.81	-	0.1%
		Particulate Matter PM10	2.59	2.68	3.4%	9.02	-	71.3%
			0.25	0.26	1.9%	1.26	3%	79.9%
			0.07	0.07	0.4%	0.09	-	28.7%
		Total Particulate Matter	91.34	91.52	0.2%	112.62	-	18.9%
			35.89	35.90	<0.1%	37.65	31%	4.7%
			21.41	21.41	<0.1%	21.50	36%	0.4%
Sulfur Dioxide (SO2)	19.99	20.00	<0.1%	43.36	6%	53.9%		
	19.60	19.60	<0.1%	21.41	8%	8.4%		
	6.03	6.03	<0.1%	6.05	11%	0.3%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
269	Future Industrial 3	Carbon Monoxide (CO)	2472.00	2480.48	0.3%	2521.19	7%	2.0%
			1380.24	1381.46	<0.1%	1390.24	9%	0.7%
			1280.15	1281.04	<0.1%	1284.23	-	0.3%
			677.95	678.12	<0.1%	678.21	-	<0.1%
		Nitrogen Oxides (NOx)	129.63	134.62	3.7%	244.12	61%	46.9%
			80.90	81.21	0.4%	89.71	45%	9.8%
			40.16	40.21	0.1%	40.37	40%	0.5%
			26.19	26.29	0.4%	36.54	-	28.3%
		Particulate Matter PM2.5	20.76	20.76	<0.1%	21.87	73%	5.1%
			9.82	9.83	<0.1%	9.85	-	0.3%
			5.16	5.28	2.3%	15.55	-	66.8%
			0.49	0.50	1.6%	1.71	3%	71.2%
		Particulate Matter PM10	0.07	0.07	1.9%	0.13	-	46.9%
			96.47	96.72	0.3%	140.33	-	31.3%
			36.37	36.39	<0.1%	40.63	34%	10.5%
			21.41	21.42	<0.1%	21.66	36%	1.1%
Sulfur Dioxide (SO2)	20.41	20.42	<0.1%	52.07	8%	60.8%		
	19.64	19.64	<0.1%	22.09	8%	11.1%		
	6.04	6.04	<0.1%	6.08	11%	0.7%		
	1681.54	1693.91	0.7%	1716.18	5%	2.0%		
270	Future Industrial 4	Carbon Monoxide (CO)	1249.65	1251.20	0.1%	1256.72	8%	0.6%
			1184.13	1185.28	<0.1%	1187.60	-	0.3%
			659.54	659.76	<0.1%	659.88	-	<0.1%
			117.47	120.77	2.7%	180.56	45%	34.9%
		Nitrogen Oxides (NOx)	68.39	68.55	0.2%	74.63	37%	8.4%
			37.94	37.95	<0.1%	38.22	38%	0.7%
			24.39	24.45	0.3%	30.34	-	19.6%
			20.59	20.59	<0.1%	21.43	71%	3.9%
		Particulate Matter PM2.5	9.79	9.79	<0.1%	9.82	-	0.3%
			2.39	2.48	3.5%	10.34	-	76.9%
			0.24	0.24	1.8%	1.11	2%	78.6%
			0.02	0.02	1.5%	0.07	-	67.0%
		Total Particulate Matter	90.95	91.12	0.2%	130.07	-	30.1%
			35.86	35.87	<0.1%	38.99	32%	8.0%
			21.32	21.32	<0.1%	21.48	36%	0.7%
			19.96	19.96	<0.1%	37.18	5%	46.3%
Sulfur Dioxide (SO2)	19.60	19.60	<0.1%	21.35	8%	8.2%		
	6.03	6.03	<0.1%	6.11	11%	1.2%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
271	Future Industrial 5	Carbon Monoxide (CO)	1773.19	1777.77	0.3%	1806.22	5%	1.8%
			1286.30	1286.88	<0.1%	1292.70	8%	0.5%
			1211.08	1211.50	<0.1%	1213.70	-	0.2%
		Nitrogen Oxides (NOx)	664.71	664.79	<0.1%	664.83	-	<0.1%
			119.26	123.36	3.3%	199.91	50%	40.3%
			70.96	71.18	0.3%	77.04	39%	7.9%
			38.11	38.12	<0.1%	38.21	38%	0.3%
			24.55	24.63	0.3%	30.71	-	20.0%
			20.62	20.62	<0.1%	21.67	72%	4.8%
		Particulate Matter PM2.5	9.79	9.79	<0.1%	9.81	-	0.1%
			2.65	2.74	3.5%	8.82	-	70.0%
			0.28	0.28	1.8%	1.33	3%	79.1%
		Particulate Matter PM10	0.10	0.10	0.3%	0.12	-	18.1%
			91.45	91.64	0.2%	111.64	-	18.1%
			35.94	35.95	<0.1%	37.25	31%	3.5%
		Total Particulate Matter	21.48	21.48	<0.1%	21.54	36%	0.3%
20.00	20.01		<0.1%	42.14	6%	52.5%		
19.61	19.61		<0.1%	21.30	8%	7.9%		
Sulfur Dioxide (SO2)	6.03	6.03	<0.1%	6.05	11%	0.4%		
	2998.98	3009.75	0.4%	3034.98	8%	1.2%		
	1591.04	1592.62	<0.1%	1599.74	10%	0.5%		
272	Future Industrial 6	Carbon Monoxide (CO)	1435.12	1436.28	<0.1%	1439.71	-	0.3%
			707.65	707.87	<0.1%	707.94	-	<0.1%
			137.96	144.40	4.5%	212.09	53%	35.0%
		Nitrogen Oxides (NOx)	100.32	100.73	0.4%	109.75	55%	8.6%
			41.82	41.87	0.1%	42.02	42%	0.5%
			27.46	27.58	0.5%	34.23	-	19.8%
		Particulate Matter PM2.5	21.03	21.04	<0.1%	22.64	75%	7.1%
			9.85	9.85	<0.1%	9.87	-	0.2%
			7.08	7.24	2.2%	13.89	-	49.0%
		Particulate Matter PM10	0.92	0.93	1.1%	2.53	5%	63.7%
			0.10	0.11	1.3%	0.14	-	26.5%
			100.32	100.64	0.3%	132.35	-	24.2%
		Total Particulate Matter	37.22	37.24	<0.1%	39.33	33%	5.4%
			21.48	21.49	<0.1%	21.60	36%	0.6%
			20.73	20.74	<0.1%	40.30	6%	48.6%
		Sulfur Dioxide (SO2)	19.71	19.71	<0.1%	22.30	8%	11.6%
6.04	6.04		<0.1%	6.09	11%	0.7%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
273	Future Industrial 11	Carbon Monoxide (CO)	1876.29	1882.48	0.3%	1927.06	5%	2.6%
			1286.30	1287.08	<0.1%	1295.44	8%	0.7%
			1211.08	1211.66	<0.1%	1214.47	-	0.3%
			664.71	664.82	<0.1%	664.90	-	<0.1%
		Nitrogen Oxides (NOx)	120.88	124.45	2.9%	244.36	61%	50.5%
			74.36	74.57	0.3%	82.12	41%	9.4%
			38.52	38.54	<0.1%	38.65	39%	0.3%
		Particulate Matter PM2.5	24.82	24.89	0.3%	34.55	-	28.2%
			20.67	20.67	<0.1%	21.79	73%	5.2%
			9.80	9.80	<0.1%	9.82	-	0.2%
			3.06	3.15	2.8%	16.57	-	81.5%
		Particulate Matter PM10	0.36	0.36	1.4%	1.49	3%	76.1%
			0.06	0.06	0.8%	0.13	-	50.6%
			92.29	92.46	0.2%	159.00	-	42.0%
		Total Particulate Matter	36.10	36.11	<0.1%	40.73	34%	11.4%
			21.40	21.40	<0.1%	21.68	36%	1.3%
20.07	20.07		<0.1%	54.69	8%	63.3%		
19.62	19.62		<0.1%	21.80	8%	10.0%		
Sulfur Dioxide (SO2)	6.03	6.03	<0.1%	6.06	11%	0.4%		
	2483.46	2496.52	0.5%	2520.03	7%	1.5%		
	1435.23	1436.86	0.1%	1443.66	9%	0.6%		
274	Future Industrial 12	Carbon Monoxide (CO)	1320.58	1321.77	<0.1%	1324.33	-	0.3%
			685.70	685.92	<0.1%	685.99	-	<0.1%
			129.80	134.98	3.8%	198.18	50%	34.5%
			86.93	87.23	0.3%	94.09	47%	7.6%
		Nitrogen Oxides (NOx)	39.90	39.93	<0.1%	40.08	40%	0.4%
			26.19	26.29	0.4%	32.42	-	19.2%
			20.84	20.85	<0.1%	22.17	74%	6.0%
		Particulate Matter PM2.5	9.82	9.82	<0.1%	9.84	-	0.2%
			5.16	5.28	2.4%	11.42	-	54.8%
			0.63	0.63	1.1%	1.96	4%	68.0%
			0.06	0.06	1.3%	0.09	-	31.8%
		Total Particulate Matter	96.47	96.73	0.3%	122.03	-	20.9%
			36.64	36.66	<0.1%	38.17	32%	4.0%
			21.40	21.40	<0.1%	21.50	36%	0.4%
		Sulfur Dioxide (SO2)	20.41	20.42	<0.1%	38.67	6%	47.2%
			19.67	19.67	<0.1%	21.64	8%	9.1%
6.04	6.04		<0.1%	6.08	11%	0.7%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
275	Farm D	Carbon Monoxide (CO)	2288.71	2300.16	0.5%	2329.82	6%	1.8%
			1395.14	1396.56	0.1%	1403.80	9%	0.6%
			1291.10	1292.14	<0.1%	1294.78	-	0.3%
			680.04	680.25	<0.1%	680.31	-	<0.1%
		Nitrogen Oxides (NOx)	126.98	133.10	4.6%	212.88	53%	40.3%
			83.87	84.20	0.4%	91.29	46%	8.1%
			39.44	39.47	<0.1%	39.62	40%	0.4%
		Particulate Matter PM2.5	25.75	25.87	0.5%	32.26	-	20.2%
			20.80	20.81	<0.1%	22.07	74%	5.8%
			9.81	9.81	<0.1%	9.83	-	0.2%
		Particulate Matter PM10	4.48	4.62	3.2%	11.01	-	59.4%
			0.56	0.57	1.4%	1.84	4%	69.4%
			0.05	0.05	1.3%	0.08	-	34.9%
		Total Particulate Matter	95.11	95.41	0.3%	116.11	-	18.1%
			36.51	36.53	<0.1%	37.82	32%	3.5%
			21.38	21.38	<0.1%	21.47	36%	0.4%
Sulfur Dioxide (SO2)	20.30	20.31	<0.1%	43.37	6%	53.2%		
	19.65	19.66	<0.1%	21.70	8%	9.4%		
	6.04	6.04	<0.1%	6.08	11%	0.7%		
276	Farm E	Carbon Monoxide (CO)	1933.57	1936.09	0.1%	1952.54	5%	1.0%
			1250.79	1251.16	<0.1%	1256.32	8%	0.4%
			1184.97	1185.24	<0.1%	1187.09	-	0.2%
			659.70	659.76	<0.1%	659.82	-	<0.1%
		Nitrogen Oxides (NOx)	121.96	123.75	1.4%	167.96	42%	27.4%
			71.87	71.99	0.2%	76.94	38%	6.6%
			37.75	37.75	<0.1%	37.91	38%	0.4%
		Particulate Matter PM2.5	24.97	25.01	0.1%	30.37	-	17.8%
			20.63	20.63	<0.1%	21.61	72%	4.5%
			9.79	9.79	<0.1%	9.81	-	0.2%
		Particulate Matter PM10	3.29	3.34	1.4%	8.81	-	62.7%
			0.30	0.30	1.0%	1.28	3%	76.6%
			0.11	0.11	0.2%	0.13	-	16.7%
		Total Particulate Matter	92.74	92.83	0.1%	106.06	-	12.6%
			35.99	35.99	<0.1%	36.98	31%	2.7%
			21.49	21.49	<0.1%	21.52	36%	0.2%
Sulfur Dioxide (SO2)	20.10	20.11	<0.1%	32.87	5%	38.8%		
	19.61	19.61	<0.1%	21.04	8%	6.8%		
	6.03	6.03	<0.1%	6.07	11%	0.7%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
277	Residence	Carbon Monoxide (CO)	4499.72	4520.11	0.5%	4539.85	13%	0.9%
			2097.39	2100.60	0.2%	2107.43	13%	0.5%
			1807.40	1809.75	0.1%	1812.76	-	0.3%
			779.00	779.46	<0.1%	779.57	-	<0.1%
		Nitrogen Oxides (NOx)	160.39	179.11	10.4%	232.19	58%	30.9%
			115.16	116.60	1.2%	124.67	62%	7.6%
			42.10	42.15	0.1%	42.45	42%	0.8%
			31.08	31.50	1.3%	36.95	-	15.9%
		Particulate Matter PM2.5	21.50	21.53	0.1%	22.77	76%	5.6%
			9.85	9.85	<0.1%	9.88	-	0.3%
			12.57	13.08	3.9%	18.54	-	32.2%
			1.63	1.67	2.3%	2.91	6%	43.8%
		Particulate Matter PM10	0.11	0.11	1.1%	0.14	-	22.3%
			111.30	112.32	0.9%	127.57	-	12.8%
			38.66	38.73	0.2%	39.98	33%	3.3%
			21.50	21.50	<0.1%	21.56	36%	0.3%
Sulfur Dioxide (SO2)	21.63	21.68	0.2%	37.03	5%	41.6%		
	19.83	19.83	<0.1%	22.16	8%	10.5%		
	6.05	6.05	<0.1%	6.13	11%	1.4%		
	3709.26	3717.05	0.2%	3733.22	10%	0.6%		
278	Farm F	Carbon Monoxide (CO)	1860.25	1861.49	<0.1%	1869.28	12%	0.5%
			1633.05	1633.96	<0.1%	1636.79	-	0.2%
			745.59	745.76	<0.1%	745.89	-	<0.1%
			148.84	156.67	5.0%	200.17	50%	25.6%
		Nitrogen Oxides (NOx)	117.48	118.12	0.5%	125.72	63%	6.6%
			39.48	39.51	<0.1%	39.84	40%	0.9%
			29.22	29.40	0.6%	34.46	-	15.2%
			21.29	21.30	<0.1%	22.46	75%	5.2%
		Particulate Matter PM2.5	9.81	9.81	<0.1%	9.84	-	0.3%
			9.77	9.99	2.2%	15.13	-	35.4%
			1.30	1.32	1.3%	2.48	5%	47.6%
			0.14	0.14	0.5%	0.17	-	19.6%
		Total Particulate Matter	105.70	106.14	0.4%	116.75	-	9.5%
			37.99	38.03	<0.1%	39.20	33%	3.1%
			21.55	21.55	<0.1%	21.60	36%	0.2%
			21.17	21.19	<0.1%	33.76	5%	37.3%
Sulfur Dioxide (SO2)	19.78	19.78	<0.1%	21.97	8%	10.0%		
	6.04	6.04	<0.1%	6.13	11%	1.6%		



I-2 - Offsite Traffic Predictions (400,000 tonnes/year)

Receptor ID	Description	Contaminant	Baseline Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Baseline Off-Site Traffic + Project Off-Site Traffic + Background Ambient Concentration (ug/m <sup>3</sup> )	Percent Change from Baseline with Addition of Project Off-Site Traffic (%)	Total Project Impact (Measured Background + Baseline Off-Site Traffic + Project On-Site Traffic + Project On-Site Stationary) (ug/m <sup>3</sup> )	Percent of Air Quality Criteria (%)	Percent Change from Baseline to Project (%)
296	Former Restaurant	Carbon Monoxide (CO)	3663.43	3677.64	0.4%	3696.74	10%	0.9%
			1845.36	1847.28	0.1%	1854.53	12%	0.5%
			1622.10	1623.52	<0.1%	1625.94	-	0.2%
			743.49	743.76	<0.1%	743.84	-	<0.1%
		Nitrogen Oxides (NOx)	148.26	156.46	5.2%	207.84	52%	28.7%
			118.89	119.45	0.5%	125.96	63%	5.6%
			43.60	43.68	0.2%	43.88	44%	0.6%
			29.04	29.20	0.6%	35.32	-	17.8%
		Particulate Matter PM2.5	21.30	21.31	<0.1%	22.76	76%	6.4%
			9.87	9.88	<0.1%	9.90	-	0.2%
			9.51	9.72	2.2%	15.85	-	40.0%
			1.32	1.34	1.2%	2.79	6%	52.6%
		Particulate Matter PM10	0.14	0.15	1.5%	0.18	-	17.9%
			105.17	105.60	0.4%	128.52	-	18.2%
			38.03	38.06	<0.1%	39.52	33%	3.8%
			21.56	21.57	<0.1%	21.64	36%	0.4%
Sulfur Dioxide (SO2)	21.12	21.14	<0.1%	35.99	5%	41.3%		
	19.78	19.78	<0.1%	21.66	8%	8.7%		
	6.05	6.05	<0.1%	6.11	11%	0.9%		
	4499.72	4520.11	1.4%	4539.85	13%	4%		
Overall Maxima	Carbon Monoxide (CO)	2097.39	2100.60	0.3%	2107.43	13%	1%	
		1807.40	1809.75	0.3%	1812.76	-	1%	
		779.00	779.46	<0.1%	779.57	-	0.1%	
		160.39	179.11	11.2%	268.63	67%	51%	
	Nitrogen Oxides (NOx)	118.89	119.45	1.2%	125.96	63%	13%	
		43.60	43.68	0.4%	43.88	44%	1%	
		31.08	31.50	1.5%	37.57	-	29%	
		21.50	21.53	0.1%	22.77	76%	7%	
	Particulate Matter PM2.5	9.87	9.88	<0.1%	9.90	-	0%	
		12.57	13.08	10.9%	22.41	-	87%	
		1.63	1.67	5.0%	2.91	6%	85%	
		0.14	0.15	6.0%	0.19	-	77%	
	Total Particulate Matter	111.30	112.32	1.1%	187.64	-	51%	
		38.66	38.73	0.2%	44.07	37%	18%	
		21.56	21.57	<0.1%	21.97	37%	3%	
		21.63	21.68	0.2%	55.19	8%	63%	
Sulfur Dioxide (SO2)	19.83	19.83	<0.1%	22.97	8%	14%		
	6.05	6.05	<0.1%	6.13	11%	2%		

Notes:

<sup>1</sup> Reg419/05 Schedule 3 Criteria unless

<sup>2</sup> O. Reg. 419 Guidelines

<sup>3</sup> Ontario's ambient air quality criteria

<sup>4</sup> National Ambient Air Quality Objectives

