

APPENDIX H

Concentration Predictions at Special Receptors Due to Onsite Traffic

Appendix H - 1: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.52	64.60	1040.00		22.82	86.16
1	Campground 10	678526.8	4859996.8		24.55	81.96	1046.46	2.59	25.35	91.34
2	ECO 2	675490.4	4860360.1		22.08	73.42	1043.28	2.23	25.05	88.39
3	Recreational 5	681642.0	4860349.3		29.67	99.59	1053.02	4.10	25.36	106.45
4	ECO 4	676831.5	4859840.9		21.97	73.05	1043.18	1.22	24.01	87.55
5	Bow. Valley Cons. 3	685767.2	4863879.0		21.26	70.58	1042.23	1.24	24.05	87.41
6	ECO 6	679647.8	4859989.3		26.41	88.37	1048.84	2.84	24.70	100.25
7	ECO 7	681578.8	4862070.1		24.05	80.22	1045.81	1.92	24.70	94.67
8	ECO 8	679735.5	4861048.6		28.94	97.17	1052.13	2.68	25.48	98.85
9	ECO 9	687219.7	4864249.3		20.96	69.57	1041.85	1.29	24.10	87.45
10	ECO 10	686519.0	4861987.6		21.28	70.67	1042.26	0.89	23.69	87.14
11	ECO 11	679870.4	4859737.9		24.17	80.64	1045.97	2.21	24.58	97.11
12	Recreational 4	681575.5	4860557.7		31.78	106.89	1055.73	4.03	25.77	106.14
13	Future Industrial 9	680704.5	4859857.8		25.27	84.49	1053.47	6.76	25.96	119.71
14	Future Industrial 10	680608.0	4860719.6		35.28	118.99	1068.03	13.72	28.25	154.17
15	Harmony Creek	673992.4	4865641.4		20.47	67.87	1041.22	0.90	23.72	87.10
16	Farewell Creek	678079.2	4868822.7		20.55	68.13	1041.31	1.31	24.13	87.47
17	Farmer	681378.6	4860335.0		29.52	99.09	1052.83	6.43	25.36	117.99
18	Watson Farm	682883.4	4864219.7		22.71	75.59	1044.09	1.52	24.33	89.80
19	Racanski Farm	678929.2	4865530.2		21.04	69.83	1041.94	1.22	24.04	88.30
20	Zoo	687216.8	4864835.3		20.66	68.54	1041.47	1.30	24.12	87.47
21	Cedar Crest Beach	686652.1	4861660.9		21.63	71.88	1042.71	0.93	23.75	87.16
22	Darlington Prov Park Bea	677844.6	4859718.2		22.40	74.52	1043.69	1.91	24.70	88.39
23	OPG 1	682258.1	4860045.0		23.55	78.51	1045.17	2.21	25.00	96.23
24	OPG 2	682551.4	4859889.1		24.44	81.55	1046.31	1.98	24.78	91.22
25	OPG 3	682824.6	4859759.3		22.58	75.14	1043.93	1.77	24.57	90.02
26	OPG 4	683021.6	4859937.3		23.27	77.55	1044.83	1.72	24.52	90.64
27	OPG 5	683318.2	4859677.8		22.37	74.41	1043.65	1.50	24.32	88.54
28	OPG 6	683306.9	4860023.0		22.87	76.15	1044.34	1.56	24.36	90.16
29	OPG 7	683718.6	4859915.8		22.71	75.60	1044.09	1.35	24.17	88.43
30	OPG 8	682702.0	4859998.6		23.29	77.61	1044.84	1.94	24.73	91.09
31	OPG 9	684347.7	4861184.6		22.16	73.71	1043.39	1.10	23.90	87.39
32	OPG 10	682157.2	4861228.2		25.08	83.80	1047.16	2.27	24.97	97.41
33	St. Mary s 1	684557.0	4861070.0		22.76	75.77	1044.15	1.02	23.83	87.34
34	St. Mary s 2	684657.3	4861320.8		21.95	72.98	1043.12	1.00	23.79	87.33



Appendix H - 1: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.52	64.60	1040.00			22.82
35	St. Mary s 3	684905.3	4861154.4		22.39	74.50	1043.68	1.02	23.81	87.32
36	Court. Subdivision 1	677328.4	4862976.1		22.10	73.51	1043.32	3.61	26.42	89.79
37	Court. Subdivision 2	676187.9	4862611.1		23.38	77.91	1044.95	1.31	24.13	87.50
38	Court. Subdivision 3	675974.8	4863484.1		21.29	70.71	1042.27	1.26	24.08	87.42
39	Court. Subdivision 4	676606.1	4863214.1		21.40	71.07	1042.41	2.09	24.90	88.29
40	Court. Subdivision 5	676827.1	4863591.4		22.42	74.61	1043.73	2.77	25.58	88.95
41	Court. Subdivision 6	677200.4	4864074.9		23.11	76.97	1044.60	2.97	25.78	89.14
42	Court. Subdivision 7	677719.8	4863625.1		23.76	79.22	1045.44	3.09	25.91	89.27
43	Court. Subdivision 8	678271.6	4864200.6		22.46	74.72	1043.77	1.73	24.55	88.68
44	Court. Subdivision 9	678184.4	4863373.6		24.66	82.32	1046.59	2.17	24.99	88.34
45	Court. Subdivision 10	677179.7	4862499.5		22.00	73.15	1043.21	3.18	26.00	89.34
46	Bow. Subdivision 1	683536.7	4864215.2		22.14	73.62	1043.36	1.36	24.17	90.08
47	Bow. Subdivision 2	683770.0	4863915.1		22.61	75.25	1043.96	1.39	24.20	89.58
48	Bow. Subdivision 3	683671.0	4863534.1		21.83	72.57	1043.02	1.49	24.30	90.25
49	Bow. Subdivision 4	684501.9	4863847.4		21.38	71.04	1042.40	1.11	23.92	87.86
50	Bow. Subdivision 5	684242.9	4863518.8		21.42	71.15	1042.44	1.21	24.02	88.36
51	Bow. Subdivision 6	684271.4	4863201.5		22.69	75.55	1044.08	1.12	23.93	88.36
52	Bow. Subdivision 7	683992.6	4862628.1		22.21	73.88	1043.45	1.15	23.96	88.64
53	Bow. Subdivision 8	684608.2	4862956.8		22.23	73.94	1043.47	1.02	23.83	87.67
54	Bow. Subdivision 9	684777.3	4863330.5		22.42	74.61	1043.72	1.04	23.86	87.63
55	Bow. Subdivision 10	685266.0	4863243.1		21.94	72.95	1043.11	1.26	24.08	87.43
56	Osh/Court Subdivision 1	677396.8	4860977.3		23.51	78.36	1045.12	3.43	26.25	89.59
57	Osh/Court Subdivision 2	676633.5	4860816.8		22.34	74.33	1043.62	1.93	24.75	88.12
58	Osh/Court Subdivision 3	676916.0	4861925.0		22.23	73.95	1043.48	2.11	24.93	88.27
59	Osh/Court Subdivision 4	676730.5	4861317.1		22.08	73.44	1043.29	1.90	24.72	88.06
60	Osh/Court Subdivision 5	676087.2	4861392.3		21.89	72.76	1043.04	1.64	24.42	87.95
61	Osh/Court Subdivision 6	676177.1	4861722.2		22.16	73.69	1043.38	1.51	24.30	87.81
62	Osh/Court Subdivision 7	675670.7	4861783.2		21.53	71.52	1042.57	1.45	24.25	87.74
63	Osh/Court Subdivision 8	676050.8	4862055.7		23.16	77.15	1044.67	1.33	24.12	87.62
64	Osh/Court Subdivision 9	676636.9	4862134.3		22.24	73.96	1043.49	1.72	24.54	87.88
65	Osh/Court Subdivision 10	676571.3	4861634.8		21.91	72.85	1043.07	1.75	24.57	87.91
66	Bow. Subdivision 11	684649.2	4863182.7		22.58	75.14	1043.92	1.01	23.82	87.74
67	Daycare B	685172.4	4863933.1		21.18	70.32	1042.15	1.08	23.90	87.26
68	Daycare C	685452.0	4863104.4		21.89	72.77	1043.04	1.35	24.17	87.52



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Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.52	64.60	1040.00		22.82	86.16
69	Daycare D	685527.7	4864693.3		20.78	68.95	1041.63	1.01	23.82	87.18
70	Daycare E	685735.4	4864790.8		20.78	68.93	1041.61	1.04	23.86	87.22
71	Daycare F	685520.3	4864854.3		20.69	68.62	1041.50	0.97	23.78	87.15
72	Daycare G	685441.9	4864878.0		20.71	68.69	1041.52	0.99	23.80	87.17
73	Daycare H	686364.8	4864707.8		20.76	68.87	1041.59	1.22	24.04	87.39
74	Daycare I	685721.6	4865127.3		20.59	68.29	1041.37	0.96	23.78	87.15
75	Daycare J	678256.3	4863565.4		26.08	87.24	1048.42	1.81	24.63	88.57
76	Daycare K	677694.1	4864043.7		22.10	73.50	1043.31	2.76	25.57	88.93
77	Daycare L	676479.5	4862526.2		22.89	76.23	1044.33	1.77	24.59	87.93
78	Daycare M	678320.9	4864763.5		21.41	71.12	1042.45	1.70	24.52	88.68
79	Daycare N	678513.4	4865058.0		21.47	71.34	1042.51	1.51	24.33	88.64
80	Daycare O	672788.7	4863936.6		21.01	69.73	1041.91	0.81	23.63	87.02
81	Daycare P	673952.8	4863592.5		21.50	71.42	1042.54	1.01	23.83	87.19
82	Daycare Q	671751.8	4864887.7		20.57	68.23	1041.35	0.80	23.60	87.02
83	Daycare R	685714.4	4864667.4		20.86	69.21	1041.73	1.06	23.88	87.24
84	Daycare S	684177.9	4863618.2		21.71	72.14	1042.81	1.24	24.05	88.39
85	Daycare T	678423.6	4864480.4		21.79	72.43	1042.92	1.53	24.34	88.77
86	Daycare U	685330.5	4863435.1		21.74	72.25	1042.85	1.23	24.04	87.40
87	Daycare V	685153.2	4863236.9		22.35	74.36	1043.63	1.22	24.04	87.39
88	Daycare W	672679.0	4862044.9		20.60	68.31	1041.38	1.19	24.01	87.35
89	Daycare X	672076.5	4865285.8		20.40	67.63	1041.13	0.83	23.65	87.02
90	Daycare Y	672638.0	4859664.4		20.36	67.51	1041.10	0.97	23.78	87.17
91	Daycare Z	673735.9	4858958.0		20.89	69.32	1041.76	0.99	23.80	87.21
92	Daycare AA	673121.8	4863385.9		21.09	70.02	1042.02	0.98	23.80	87.14
93	Daycare BB	673904.8	4862282.2		21.25	70.58	1042.22	1.47	24.29	87.63
94	Daycare CC	671471.6	4861795.3		20.45	67.80	1041.19	0.95	23.76	87.16
95	Daycare DD	673057.3	4862625.6		20.53	68.07	1041.29	1.17	23.99	87.33
96	Daycare EE	674917.1	4863957.2		21.18	70.32	1042.13	0.97	23.78	87.21
97	Daycare FF	671356.6	4862954.4		20.54	68.12	1041.31	0.98	23.79	87.19
98	Daycare GG	671675.5	4862705.8		20.62	68.37	1041.40	0.99	23.80	87.21
99	Daycare HH	671604.8	4860138.1		20.66	68.53	1041.46	1.10	23.91	87.29
100	Daycare II	670945.2	4857983.8		20.44	67.77	1041.18	0.66	23.47	86.84
101	Daycare JJ	677514.6	4864744.1		21.72	72.19	1042.82	2.50	25.32	88.67
102	Daycare KK	676519.9	4862680.1		22.31	74.22	1043.58	1.92	24.74	88.08



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Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
103	Daycare LL	677660.6	4863601.3		24.12	80.47	1045.90	3.21	26.02	89.38
104	Court. Subdivision 11	677665.8	4863406.6		24.30	81.08	1046.13	3.43	26.24	89.60
105	Daycare NN	674866.3	4864667.2		20.58	68.25	1041.36	1.03	23.84	87.24
106	Daycare OO	673201.0	4864746.4		20.52	68.05	1041.28	0.89	23.70	87.08
107	Daycare PP	674794.5	4864915.4		20.65	68.51	1041.45	1.01	23.82	87.22
108	Hospital	686324.2	4864395.8		20.94	69.49	1041.82	1.26	24.08	87.43
109	Hospital (Children s)	676057.8	4862180.9		23.70	79.00	1045.36	1.26	24.08	87.54
110	Hospital	671233.2	4863615.9		20.65	68.49	1041.45	0.93	23.74	87.14
111	Comm. Resp. Services	676045.4	4863902.5		22.45	74.71	1043.76	1.51	24.32	87.70
112	Hospital	671712.7	4862364.1		20.45	67.79	1041.19	0.99	23.80	87.21
113	Retirement Residence A	684199.9	4864120.3		22.58	75.13	1043.92	1.17	23.98	88.46
114	Retirement Residence B	685483.9	4865150.9		21.05	69.89	1041.97	1.00	23.81	87.19
115	Retirement Residence C	686844.0	4864732.1		20.78	68.94	1041.61	1.29	24.11	87.46
116	Retirement Residence D	673481.7	4863343.4		21.11	70.09	1042.04	1.05	23.87	87.21
117	Retirement Residence E	671825.2	4864399.0		20.78	68.93	1041.61	0.84	23.65	87.07
118	Retirement Residence F	671606.3	4864536.0		20.70	68.68	1041.52	0.85	23.66	87.08
119	Retirement Residence G	671357.1	4862958.7		20.54	68.11	1041.31	0.98	23.79	87.19
120	Retirement Residence H	671514.0	4862262.9		20.48	67.91	1041.23	0.98	23.79	87.20
121	Retirement Residence I	672602.2	4863075.9		20.91	69.38	1041.79	0.96	23.77	87.18
122	Retirement Residence J	671719.1	4862893.1		20.60	68.32	1041.38	0.98	23.79	87.20
123	Retirement Residence K	686718.0	4865648.7		20.64	68.47	1041.48	1.10	23.92	87.27
124	Retirement Residence L	676168.7	4865669.9		21.03	69.80	1041.94	1.82	24.63	87.99
125	Retirement Residence M	676118.5	4863980.7		22.69	75.54	1044.07	1.66	24.48	87.85
126	Bow. Subdivision 12	684649.2	4863182.7		22.58	75.14	1043.92	1.01	23.82	87.74
127	Primary School B	685384.8	4863575.3	21.42	71.17	1042.44	1.21	24.03	87.38	
128	Primary School C	685021.6	4863952.9	21.64	71.91	1042.74	1.03	23.85	87.31	
129	Primary School D	686237.0	4864085.5	21.09	70.01	1042.01	1.29	24.11	87.46	
130	Primary School E	686719.0	4863734.7	20.96	69.56	1041.85	1.29	24.11	87.46	
131	Primary School F	686357.0	4864754.9	20.74	68.79	1041.56	1.21	24.03	87.38	
132	Primary School G	685502.0	4865013.4	20.69	68.64	1041.51	0.99	23.80	87.17	
133	Primary School H	686726.7	4866061.5	20.48	67.90	1041.23	1.01	23.83	87.18	
134	Primary School I	685186.2	4866568.2	22.25	74.01	1043.54	0.89	23.71	87.06	
135	Primary School J	685965.3	4866979.0	20.77	68.89	1041.60	0.81	23.62	87.00	
136	Primary School K	677709.9	4864726.5	21.90	72.79	1043.05	2.37	25.19	88.54	



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Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
137	Primary School L	675988.3	4864270.2		22.33	74.29	1043.61	1.60	24.42	87.79
138	Primary School M	676608.7	4862739.0		21.97	73.05	1043.14	2.09	24.91	88.25
139	Primary School N	677222.2	4863759.1		23.69	78.96	1045.34	3.17	25.99	89.35
140	Primary School O	678154.9	4863872.7		23.18	77.24	1044.70	2.01	24.83	88.49
141	Court. Subdivision 12	678309.6	4863600.8		25.87	86.50	1048.15	1.65	24.47	88.67
142	Primary School Q	677010.6	4862470.6		21.90	72.83	1043.10	2.85	25.67	89.01
143	Primary School R	677431.3	4866694.7		20.73	68.79	1041.56	1.81	24.63	87.97
144	Primary School S	675266.2	4863562.9		21.96	73.02	1043.13	1.01	23.81	87.27
145	Primary School T	673479.2	4860029.4		20.92	69.43	1041.80	1.14	23.95	87.36
146	Primary School U	670856.0	4860710.6		20.25	67.12	1040.94	0.98	23.80	87.17
147	Primary School V	672660.2	4863909.2		20.87	69.26	1041.73	0.83	23.63	87.04
148	Primary School W	672735.2	4859232.9		20.72	68.75	1041.54	0.94	23.75	87.14
149	Primary School X	673575.8	4862688.6		21.04	69.83	1041.96	1.26	24.08	87.42
150	Primary School Y	673710.3	4861969.0		21.60	71.76	1042.66	1.57	24.39	87.73
151	Primary School Z	672366.0	4859928.1		20.68	68.60	1041.49	0.94	23.76	87.15
152	Primary School AA	672561.7	4866047.1		20.20	66.95	1040.87	0.83	23.64	87.02
153	Primary School BB	675095.1	4862930.4		22.38	74.45	1043.66	1.08	23.88	87.35
154	Primary School CC	673242.6	4865197.9		20.31	67.33	1041.02	0.90	23.72	87.10
155	Primary School DD	674164.9	4863031.3		21.43	71.19	1042.46	1.17	23.99	87.33
156	Primary School EE	671905.6	4864697.8		20.74	68.80	1041.56	0.80	23.60	87.02
157	Primary School FF	673294.9	4858774.5		20.55	68.15	1041.32	0.92	23.73	87.14
158	Primary School GG	671659.7	4863120.0		20.46	67.84	1041.20	0.97	23.78	87.19
159	Primary School HH	673853.4	4866711.0		20.82	69.09	1041.67	0.82	23.64	87.02
160	Primary School II	672616.7	4862114.9		20.66	68.54	1041.47	1.15	23.97	87.31
161	Primary School JJ	673567.2	4861899.5		21.35	70.90	1042.34	1.56	24.38	87.72
162	Primary School KK	671791.0	4861954.2		20.54	68.11	1041.31	0.96	23.77	87.18
163	Primary School LL	673762.3	4864210.6		20.92	69.43	1041.80	0.88	23.69	87.12
164	Primary School MM	672238.8	4864621.3		20.76	68.88	1041.59	0.79	23.61	86.99
165	Primary School NN	673213.6	4858677.0		20.56	68.17	1041.33	0.90	23.71	87.11
166	Primary School OO	675474.8	4863221.7		23.02	76.68	1044.49	1.05	23.85	87.31
167	Primary School PP	672441.8	4858748.6		20.86	69.23	1041.72	0.85	23.66	87.05
168	Primary School QQ	672796.8	4864438.2		20.91	69.37	1041.78	0.81	23.63	87.01
169	Primary School RR	671351.4	4863284.0		20.41	67.66	1041.14	0.96	23.77	87.17
170	Primary School SS	673213.9	4862125.5		21.04	69.86	1041.96	1.37	24.19	87.53



Appendix H - 1: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
171	Primary School TT	671017.9	4860953.7		20.18	66.87	1040.84	0.92	23.73	87.10
172	Primary School UU	670991.0	4861089.8		20.27	67.18	1040.96	0.87	23.68	87.07
173	Primary School VV	674150.1	4862294.8		21.20	70.38	1042.15	1.47	24.29	87.63
174	Primary School WW	672005.2	4861707.9		20.51	68.02	1041.27	0.95	23.77	87.15
175	Primary School XX	684172.1	4863615.6		21.73	72.21	1042.83	1.25	24.06	88.41
176	Primary School YY	683923.3	4866636.4		20.72	68.74	1041.55	1.03	23.85	88.26
177	Primary School ZZ	680446.0	4865770.5		21.37	70.99	1042.38	1.34	24.16	88.00
178	Vacant School	685612.9	4864520.0		21.01	69.73	1041.92	1.07	23.89	87.24
179	Secondary School A	686291.4	4865064.3		20.70	68.67	1041.51	1.13	23.95	87.30
180	Secondary School B	683875.0	4864741.7		21.72	72.17	1042.82	1.08	23.90	89.52
181	Secondary School C	684650.3	4866460.3		21.02	69.78	1041.95	0.96	23.78	87.25
182	Secondary School D	678099.5	4864838.2		21.17	70.28	1042.14	1.96	24.78	88.48
183	Secondary School E	678467.0	4863431.2		25.56	85.43	1047.75	1.39	24.21	88.99
184	Secondary School F	674144.9	4862762.7		21.68	72.04	1042.78	1.27	24.09	87.43
185	Secondary School G	673816.0	4864357.1		20.62	68.38	1041.41	0.90	23.71	87.11
186	Secondary School H	673145.4	4858569.0		20.66	68.53	1041.46	0.88	23.69	87.09
187	Secondary School I	671291.7	4863581.3		20.64	68.45	1041.43	0.93	23.74	87.14
188	Secondary School J	671443.2	4861664.9		20.45	67.80	1041.19	0.94	23.74	87.15
189	Secondary School K	673235.3	4860885.0		20.73	68.78	1041.55	1.58	24.40	87.74
190	Secondary School L	684252.7	4866500.5		21.07	69.94	1041.99	1.01	23.83	88.56
191	Secondary School M	673914.1	4859551.7		21.01	69.74	1041.91	1.13	23.93	87.36
192	Secondary School N	675051.5	4864177.2		20.96	69.58	1041.85	1.04	23.84	87.25
193	Adult School	685276.1	4866019.8		21.47	71.33	1042.55	0.94	23.75	87.13
194	Bow. Valley Cons. 1	685356.6	4864521.2		21.01	69.75	1041.93	1.00	23.81	87.17
195	Bow. Valley Cons. 2	685627.7	4864167.8		21.07	69.94	1041.99	1.15	23.97	87.33
196	Bow. Valley Cons. 4	685852.7	4863640.2		21.17	70.28	1042.13	1.29	24.10	87.46
197	Bow. Valley Cons. 5	686163.1	4863621.5		21.14	70.20	1042.08	1.32	24.14	87.49
198	Bow. Valley Cons. 6	685931.9	4863380.6		21.06	69.92	1042.01	1.34	24.16	87.51
199	Maple Grove 1	681688.5	4864717.0		22.43	74.64	1043.74	2.10	24.55	96.54
200	Maple Grove 2	681768.9	4864631.8		22.64	75.35	1044.00	1.98	24.57	95.92
201	Maple Grove 3	681894.9	4864506.8		21.79	72.43	1042.91	1.77	24.56	94.64
202	Maple Grove 4	681974.8	4864443.2		21.64	71.90	1042.72	1.76	24.55	93.78
203	Maple Grove 5	681942.2	4864676.7		21.46	71.28	1042.49	1.92	24.49	95.65
204	Maple Grove 6	682053.2	4864586.2		21.55	71.59	1042.60	1.72	24.47	94.64



Appendix H - 1: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.52	64.60	1040.00		22.82	86.16
205	Maple Grove 7	682168.5	4864631.3		21.56	71.62	1042.61	1.61	24.40	92.72
206	Maple Grove 8	682261.7	4864520.9		21.85	72.62	1042.99	1.61	24.41	92.35
207	Maple Grove 9	682382.1	4864589.4		21.90	72.82	1043.09	1.53	24.33	89.77
208	Maple Grove 10	682459.8	4864499.2		21.99	73.11	1043.20	1.56	24.36	89.71
209	Port Darlington 1	686227.8	4861159.0		22.01	73.18	1043.19	1.03	23.85	87.23
210	Port Darlington 2	686184.8	4861252.0		21.50	71.44	1042.54	1.05	23.87	87.23
211	Port Darlington 3	686151.2	4861286.8		21.35	70.92	1042.35	1.05	23.87	87.23
212	Port Darlington 4	686351.1	4861341.6		21.49	71.40	1042.53	0.98	23.80	87.21
213	Port Darlington 5	686406.8	4861448.7		21.20	70.38	1042.15	0.97	23.79	87.20
214	Port Darlington 6	686504.5	4861604.0		21.28	70.66	1042.25	0.96	23.78	87.18
215	Port Darlington 7	686703.0	4861789.3		21.49	71.40	1042.53	0.91	23.73	87.14
216	Port Darlington 8	686895.8	4861960.2		21.03	69.82	1041.94	0.91	23.73	87.11
217	Port Darlington 9	686867.4	4862119.7		20.80	69.00	1041.64	0.89	23.71	87.10
218	Port Darlington 10	687190.7	4862048.8		20.93	69.45	1041.80	0.83	23.64	87.07
219	Port Darlington 11	687524.4	4862126.8		21.04	69.86	1041.96	0.83	23.65	87.03
220	Campground 1	678646.3	4860337.7		24.13	80.48	1045.91	2.45	25.22	91.77
221	Campground 2	678410.2	4860148.6		23.62	78.75	1045.27	2.61	25.39	91.20
222	Campground 3	678651.0	4860054.4		24.56	81.98	1046.47	2.62	25.38	92.38
223	Campground 4	678725.9	4859860.7		24.29	81.04	1046.12	2.39	25.14	91.92
224	Campground 5	678511.1	4859808.6		24.08	80.31	1045.85	2.36	25.12	90.62
225	Campground 6	678869.5	4859696.0		24.33	81.19	1046.17	1.98	24.72	91.12
226	Campground 7	678723.9	4860201.8		24.15	80.58	1045.96	2.61	25.37	92.59
227	Campground 8	678796.0	4860011.4		24.88	83.07	1046.87	2.56	25.31	92.84
228	Campground 9	678852.7	4859854.2		24.70	82.45	1046.64	2.30	25.05	92.15
229	Solina 1	681099.6	4861677.2		25.41	84.91	1047.56	3.32	25.67	102.63
230	Solina 2	681115.7	4861857.7		26.46	88.53	1048.90	3.20	25.50	102.02
231	Solina 3	680987.4	4861983.5		24.01	80.07	1045.76	2.78	25.42	99.95
232	Solina 4	680965.0	4862068.1		23.98	79.97	1045.72	2.88	25.46	100.43
233	Solina 5	681021.5	4862086.7		23.62	78.73	1045.78	2.79	25.44	99.98
234	Solina 6	680939.8	4862124.3		24.03	80.15	1045.79	2.72	25.47	99.61
235	Solina 7	680988.2	4862183.6		23.64	78.82	1045.29	2.71	25.48	98.16
236	Solina 8	680984.6	4862209.8		23.63	78.78	1045.28	2.70	25.48	97.87
237	Solina 9	680958.6	4862294.9		23.54	78.46	1045.16	2.71	25.48	96.65
238	Solina 10	680858.0	4862324.3		23.73	79.11	1045.40	2.60	25.38	96.07



Appendix H - 1: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
239	Solina 11	680990.3	4862403.5		23.67	78.95	1045.34	2.72	25.50	94.56
240	Recreational 1	681545.0	4860865.0		25.46	85.07	1048.18	4.40	25.25	107.98
241	Recreational 2	681563.7	4860687.4		29.84	100.20	1053.24	3.96	25.34	105.78
242	Recreational 3	681579.7	4860610.0		31.29	105.17	1055.09	4.04	25.64	106.17
243	Recreational 6	681876.6	4860254.4		27.04	90.53	1049.65	3.38	25.26	102.91
244	Recreational 7	682166.9	4860324.4		25.26	84.39	1047.36	2.37	25.16	97.41
245	Darlington 1	679565.4	4861052.9		28.35	95.13	1051.37	2.50	25.31	97.81
246	Darlington 2	679452.9	4861051.4		26.53	88.85	1049.03	2.37	25.18	97.72
247	Darlington 3	679130.5	4860948.8		26.59	88.98	1049.07	2.29	25.11	93.09
248	Darlington 4	679112.6	4860941.9		27.30	91.42	1049.98	2.34	25.16	92.77
249	Darlington 5	679057.6	4860994.1		28.71	96.29	1051.79	2.30	25.12	91.40
250	Darlington 6	679075.2	4860931.6		28.29	94.85	1051.25	2.40	25.22	92.33
251	Darlington 7	678814.3	4860843.1		25.39	84.84	1047.53	2.62	25.44	89.41
252	Darlington 8	678840.4	4860777.1		25.42	84.93	1047.56	2.41	25.23	89.90
253	Light Ind. 1	680000.1	4861034.1		27.08	90.68	1051.13	4.96	25.58	110.72
254	Light Ind. 2	680060.7	4861056.4		27.55	92.28	1051.67	5.57	25.57	113.70
255	Light Ind. 3	680291.2	4861151.6		27.98	93.80	1050.87	5.83	25.39	115.03
256	Light Ind. 4	680536.3	4861204.6		27.04	90.64	1053.00	7.38	25.61	122.74
257	Light Ind. 5	680350.4	4861290.6		27.77	93.10	1050.61	6.48	25.24	118.27
258	Light Ind. 6	680306.9	4861275.6		27.86	93.40	1050.72	6.04	25.29	116.07
259	Light Ind. 7	680267.2	4861262.4		27.64	92.61	1050.43	5.49	25.35	113.37
260	Light Ind. 8	680233.6	4861250.7		27.47	92.03	1050.21	4.95	25.39	110.64
261	Light Ind. 9	680175.3	4861227.5		27.08	90.67	1049.70	5.09	25.44	111.37
262	Light Ind. 10	680092.5	4861185.1		27.28	91.36	1049.96	4.99	25.52	110.86
263	Light Ind. 11	680071.6	4861246.6		27.28	91.36	1049.96	4.55	25.48	108.66
264	Light Ind. 12	680021.4	4861186.9		26.94	90.20	1049.72	4.72	25.53	109.52
265	Future Industrial 7	680816.2	4860219.3		30.53	102.58	1085.81	19.02	27.50	180.52
266	Future Industrial 8	680398.0	4860731.8		30.20	101.53	1061.59	13.94	26.31	155.16
267	Future Industrial 1	680359.6	4859959.2		29.35	98.52	1058.94	8.99	25.69	130.73
268	Future Industrial 2	680083.7	4859985.7		27.12	90.80	1049.75	4.23	25.06	107.14
269	Future Industrial 3	680819.9	4860705.3		30.77	103.38	1060.73	8.81	27.13	129.86
270	Future Industrial 4	681070.0	4859937.2		28.05	94.06	1054.75	7.80	25.58	124.81
271	Future Industrial 5	679898.8	4860067.4		28.13	94.29	1051.05	4.02	25.25	106.10
272	Future Industrial 6	680134.8	4860694.1		31.63	106.39	1055.62	6.44	25.91	118.03



Appendix H - 1: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.52	64.60	1040.00		22.82	86.16
273	Future Industrial 11	680253.7	4860255.2		39.12	132.31	1067.63	13.43	27.60	152.71
274	Future Industrial 12	679901.2	4860511.8		29.03	97.39	1052.20	5.11	25.37	111.47
275	Commercial Farmer	679867.8	4860445.4		30.17	101.34	1053.67	4.19	25.38	106.90
276	Farmer	679277.0	4859981.5		26.13	87.38	1048.47	2.68	24.98	99.40
277	Residence	679387.2	4860648.9		24.57	82.02	1046.50	3.06	24.99	101.31
278	Barn	679261.9	4860574.2		24.35	81.25	1046.19	2.12	24.81	96.65
279	Residence	680150.7	4861295.7		26.83	89.82	1049.38	4.63	25.40	109.05
280	Residence	679939.8	4861213.4		26.57	88.89	1049.18	4.13	25.51	106.59
281	Farmer	680855.7	4861456.9		27.45	91.93	1050.17	3.93	25.78	105.62
282	Farmer	681386.2	4861673.3		25.59	85.55	1047.80	2.89	24.92	100.47
283	Residence	680683.5	4861597.9		26.06	87.17	1048.43	3.89	25.46	105.44
284	Business	680064.3	4861343.7		26.96	90.25	1049.54	4.07	25.41	106.29
285	Farmer	679680.1	4861213.5		26.96	90.25	1049.54	2.55	25.36	98.49
286	Farmer	681344.8	4861792.9		23.79	79.32	1045.51	2.62	25.14	99.13
287	Youth Centre	685644.2	4864814.8		20.76	68.88	1041.59	1.01	23.83	87.18
288	Bowmanville Arena	685462.9	4864615.2		20.87	69.26	1041.74	1.00	23.82	87.18
289	Bowmanville Rec Comple	684160.3	4864604.5		21.35	70.90	1042.34	1.15	23.96	88.93
290	Recreation Complex	684586.6	4862406.3		21.58	71.71	1042.65	0.93	23.74	87.30
291	Superdog Central	681487.7	4865723.3		21.37	71.00	1042.39	1.40	24.22	88.11
292	Equestrian Centre	681567.1	4863670.7		24.47	81.68	1046.35	2.37	25.15	92.51
293	Flea Market	678574.6	4862819.4		22.84	76.04	1044.26	1.55	24.36	89.73
294	Equestrian Centre	680030.8	4867320.2		20.59	68.30	1041.38	0.92	23.74	87.16
295	Courtice Community Com	678099.3	4864629.8		21.24	70.54	1042.21	1.99	24.80	88.54
296	Former Restaurant	679830.2	4860702.2		26.61	89.12	1049.84	4.63	25.31	109.10
297	Commercial	679364.8	4861016.0		26.26	87.87	1048.67	2.26	25.07	96.69
298	GM Oshawa Headquarte	676418.3	4860463.7		22.35	74.37	1043.63	2.04	24.86	88.20
299	Farm A?	682972.3	4862201.9		23.19	77.25	1044.71	1.48	24.26	91.46
300	Farm B?	683546.9	4861959.7		22.15	73.67	1043.37	1.34	24.13	88.83
301	Farm C?	682547.5	4862321.1		22.82	75.97	1044.23	1.52	24.28	91.78
302	Farm D?	683238.3	4862393.3		23.00	76.61	1044.47	1.33	24.11	90.69
303	Farm E?	682512.6	4862858.0		23.31	77.67	1044.89	1.88	24.68	90.67
304	Farm F?	683129.1	4863649.4		22.37	74.41	1043.70	1.77	24.58	90.87
305	Bennett 1	688209.3	4862512.1		20.79	68.96	1041.62	0.89	23.70	87.08
306	Bennett 2	687990.0	4863221.3		20.66	68.53	1041.46	1.05	23.87	87.25



Appendix H - 1: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
307	Bennett 3	688818.4	4862836.3		20.42	67.70	1041.15	1.09	23.91	87.28
308	Bennett 4	689045.1	4863365.5		20.51	68.02	1041.29	1.23	24.05	87.42
309	Bennett 5	688270.5	4863763.1		20.66	68.54	1041.47	1.02	23.83	87.22
310	Bennett 6	689908.5	4863100.5		20.25	67.13	1040.94	1.14	23.96	87.32
311	Bennett 7	688929.9	4864392.0		20.87	69.27	1041.74	1.05	23.86	87.24
312	Bennett 8	689684.2	4863837.7		20.42	67.72	1041.16	1.27	24.08	87.45
313	Soper 1	687557.9	4862512.4		20.73	68.77	1041.55	0.89	23.70	87.08
314	Soper 2	687241.9	4863171.7		20.87	69.24	1041.73	0.94	23.76	87.11
315	Soper 3	687023.2	4863903.8		20.88	69.30	1041.75	1.27	24.09	87.44
316	Soper 4	688158.2	4865389.3		20.78	68.93	1041.61	1.19	24.01	87.36
317	Soper 5	685027.3	4868253.9		20.41	67.66	1041.14	0.87	23.69	87.04
318	Soper 6	687287.4	4867037.3		20.50	67.99	1041.26	0.91	23.73	87.08
319	Soper 7	685683.2	4867148.1		20.95	69.54	1041.88	0.85	23.67	87.02
320	Soper 8	686748.7	4865874.7		20.51	68.00	1041.26	1.06	23.88	87.23
321	Bowmanville 1	687026.3	4862368.4		20.76	68.88	1041.59	0.81	23.62	87.06
322	Bowmanville 2	686625.7	4863020.3		21.37	70.96	1042.37	1.12	23.94	87.29
323	Bowmanville 3	683380.3	4865365.9		21.25	70.56	1042.22	1.17	23.99	88.77
324	Bowmanville 4	683111.4	4867150.3		21.01	69.73	1041.91	0.89	23.70	87.06
325	Bowmanville 5	682452.2	4869417.5		20.45	67.80	1041.19	0.84	23.65	87.01
326	Bowmanville 6	684778.5	4864888.2		21.04	69.84	1041.95	1.09	23.91	87.28
327	Bowmanville 7	684549.5	4866404.4		20.95	69.53	1041.83	0.98	23.79	87.61
328	Upper Tooley 1	679944.8	4864883.1		21.51	71.46	1042.55	1.36	24.15	88.81
329	Upper Tooley 2	679055.1	4863885.8		24.68	82.41	1046.63	1.77	24.59	89.46
330	Upper Tooley 3	679714.0	4862767.4		23.17	77.19	1044.68	1.32	24.11	92.23
331	Upper Tooley 4	678898.8	4861800.6		24.82	82.87	1046.80	2.81	25.63	93.12
332	Upper Tooley 5	680353.5	4862156.5		25.52	85.31	1047.75	3.67	24.93	104.33
333	Upper Tooley 6	679818.1	4861625.7		25.17	84.09	1047.25	2.38	25.20	96.46
334	Robinson 1	678434.8	4860943.1		24.65	82.30	1046.58	2.88	25.70	89.04
335	Robinson 2	677752.6	4861240.6		24.04	80.17	1045.79	3.85	26.67	90.01
336	Robinson 3	677642.2	4861787.2		22.87	76.15	1044.30	3.17	25.99	89.33
337	Robinson 4	678532.7	4862143.6		24.46	81.62	1046.34	2.89	25.71	89.67
338	Robinson 5	678005.1	4862784.9		22.34	74.34	1043.66	3.12	25.94	89.29
339	Robinson 6	677882.7	4860587.7		23.23	77.38	1044.75	2.02	24.84	88.54
340	F/B 1	677443.1	4867862.1		20.87	69.26	1041.73	1.52	24.34	87.68



Appendix H - 1: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.52	64.60	1040.00		22.82	86.16
341	F/B 2	679667.4	4866611.4		21.01	69.73	1041.91	0.99	23.81	87.49
342	F/B 3	678655.0	4867470.1		20.58	68.27	1041.40	1.39	24.21	87.55
343	F/B 4	676191.2	4866844.7		20.48	67.91	1041.23	1.58	24.40	87.74
344	F/B 5	678273.3	4866093.0		21.53	71.52	1042.57	1.68	24.50	87.85
345	F/B 6	681241.2	4867098.8		20.97	69.61	1041.86	1.17	23.99	87.35
346	F/B 7	682165.3	4868082.3		20.87	69.28	1041.74	1.00	23.82	87.17
347	F/B 8	679366.6	4868628.3		20.82	69.10	1041.68	1.15	23.97	87.31
348	F/B 9	680310.1	4869967.1		20.58	68.26	1041.36	0.96	23.78	87.12
349	F/B 10	676487.3	4869291.6		20.61	68.34	1041.39	1.16	23.98	87.32
350	F/B 11	676851.4	4865409.3		20.72	68.74	1041.54	2.22	25.04	88.40
351	F/B 12	681153.3	4868682.2		20.64	68.45	1041.43	0.88	23.70	87.06
352	F/B 13	675416.3	4859833.9		21.30	70.73	1042.28	1.30	24.09	87.58
353	Second 1	675153.4	4860552.8		22.04	73.28	1043.23	2.36	25.18	88.52
354	Second 2	675297.5	4860891.3		22.07	73.38	1043.27	2.40	25.22	88.56
355	Second 3	675647.2	4860644.9		22.51	74.90	1043.83	2.55	25.37	88.71
356	Second 4	675670.5	4860076.5		21.46	71.29	1042.49	1.42	24.23	87.71
357	Second 5	676043.3	4860319.1		22.02	73.24	1043.21	1.96	24.78	88.12
358	Second 6	675923.4	4859821.4		22.00	73.16	1043.19	1.31	24.11	87.61
359	McLaughlin Bay 1	676714.7	4860903.8		22.12	73.56	1043.33	1.78	24.56	88.13
360	McLaughlin Bay 2	677310.8	4860528.2		22.60	75.22	1043.95	1.75	24.57	88.10
361	McLaughlin Bay 3	676563.5	4860260.1		22.03	73.25	1043.22	1.54	24.32	87.87
362	McLaughlin Bay 4	676699.5	4859696.6		22.76	75.76	1044.15	1.14	23.93	87.46
363	McLaughlin Bay 5	677560.0	4860060.1		22.95	76.44	1044.40	1.73	24.53	88.16
364	McLaughlin Bay 6	678204.5	4859832.5		23.66	78.87	1045.31	2.28	25.06	89.88
365	Harmony Creek 1	674178.3	4861024.2		21.41	71.11	1042.42	2.25	25.07	88.41
366	Harmony Creek 2	674592.0	4862605.3		21.77	72.35	1042.90	1.24	24.06	87.40
367	Harmony Creek 3	672863.4	4862808.0		20.64	68.46	1041.45	1.07	23.89	87.23
368	Harmony Creek 4	675671.6	4864469.0		21.72	72.19	1042.82	1.28	24.09	87.46
369	Harmony Creek 5	672443.1	4864713.0		20.73	68.78	1041.55	0.82	23.63	87.01
370	Harmony Creek 6	674830.5	4866909.6		20.77	68.91	1041.61	0.96	23.78	87.13
371	Harmony Creek 7	675799.9	4868594.1		20.59	68.27	1041.37	1.14	23.96	87.31
372	Westside 1	686082.6	4862776.6		21.82	72.54	1042.95	1.29	24.11	87.46
373	Westside 2	685778.7	4862137.9		21.44	71.22	1042.46	0.94	23.75	87.19
374	Westside 3	685084.2	4862827.4		21.69	72.09	1042.79	1.31	24.12	87.48



Appendix H - 1: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
375	Darlington 1	680977.5	4865674.4		21.51	71.48	1042.56	1.47	24.29	87.83
376	Darlington 2	680913.9	4863967.1		22.37	74.42	1043.65	2.10	24.89	91.54
377	Darlington 3	682602.8	4863659.6		22.51	74.92	1043.84	1.95	24.76	89.23
378	Darlington 4	682206.4	4862910.4		23.46	78.18	1045.05	1.95	24.75	90.53
379	Darlington 5	683223.2	4861114.0		22.16	73.71	1043.39	1.68	24.46	88.60
380	Darlington 6	683947.7	4862362.0		22.07	73.39	1043.27	1.10	23.90	88.43
381	Darlington 7	685361.9	4861143.4		21.74	72.27	1042.85	1.01	23.81	87.30
382	Bennett ECO/HH	688606.4	4862634.8		20.70	68.65	1041.51	0.96	23.78	87.15
383	Oshawa ECO/HH	673884.9	4859128.9		21.35	70.89	1042.34	1.03	23.84	87.26
384	Oshawa Creek 1	671671.2	4862793.7		20.62	68.38	1041.40	0.99	23.79	87.20
385	Oshawa Creek 2	671668.5	4861589.5		20.46	67.85	1041.21	0.92	23.73	87.13
386	Oshawa Creek 3	672820.2	4861287.2		20.50	67.98	1041.26	1.35	24.17	87.51
387	Oshawa Creek 4	672360.3	4860262.6		20.61	68.36	1041.40	0.95	23.77	87.15
388	Oshawa Creek 5	673921.2	4860115.0		20.92	69.43	1041.80	1.34	24.16	87.50
389	Oshawa Creek 6	673154.0	4859421.9		20.73	68.76	1041.55	1.01	23.82	87.22
390	Farmer	677409.8	4861051.4		23.60	78.65	1045.23	3.57	26.39	89.73
391	Commercial Market	688276.3	4864698.5		20.76	68.86	1041.59	1.12	23.94	87.28



Appendix H - 2: Maximum 8-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
1	Campground 10	678526.8	4859996.8		1042.08
2	ECO 2	675490.4	4860360.1		1040.96
3	Recreational 5	681642.0	4860349.3		1043.92
4	ECO 4	676831.5	4859840.9		1041.78
5	Bow. Valley Cons. 3	685767.2	4863879.0		1040.78
6	ECO 6	679647.8	4859989.3		1042.94
7	ECO 7	681578.8	4862070.1		1043.14
8	ECO 8	679735.5	4861048.6		1046.72
9	ECO 9	687219.7	4864249.3		1040.80
10	ECO 10	686519.0	4861987.6		1040.76
11	ECO 11	679870.4	4859737.9		1042.73
12	Recreational 4	681575.5	4860557.7		1042.78
13	Future Industrial 9	680704.5	4859857.8		1043.22
14	Future Industrial 10	680608.0	4860719.6		1046.39
15	Harmony Creek	673992.4	4865641.4		1040.72
16	Farewell Creek	678079.2	4868822.7		1040.54
17	Farmer	681378.6	4860335.0		1044.34
18	Watson Farm	682883.4	4864219.7		1042.33
19	Racanski Farm	678929.2	4865530.2		1040.79
20	Zoo	687216.8	4864835.3		1040.79
21	Cedar Crest Beach	686652.1	4861660.9		1041.02
22	Darlington Prov Park Beach	677844.6	4859718.2		1041.77
23	OPG 1	682258.1	4860045.0		1042.23
24	OPG 2	682551.4	4859889.1		1041.85
25	OPG 3	682824.6	4859759.3		1041.91
26	OPG 4	683021.6	4859937.3		1041.78
27	OPG 5	683318.2	4859677.8		1041.73
28	OPG 6	683306.9	4860023.0		1042.31
29	OPG 7	683718.6	4859915.8		1041.96
30	OPG 8	682702.0	4859998.6		1041.80
31	OPG 9	684347.7	4861184.6		1041.80
32	OPG 10	682157.2	4861228.2		1043.06
33	St. Mary s 1	684557.0	4861070.0		1042.05
34	St. Mary s 2	684657.3	4861320.8		1041.61
35	St. Mary s 3	684905.3	4861154.4		1042.05
36	Court. Subdivision 1	677328.4	4862976.1		1041.49
37	Court. Subdivision 2	676187.9	4862611.1		1041.53
38	Court. Subdivision 3	675974.8	4863484.1		1040.80
39	Court. Subdivision 4	676606.1	4863214.1		1040.87
40	Court. Subdivision 5	676827.1	4863591.4		1040.85
41	Court. Subdivision 6	677200.4	4864074.9		1041.40
42	Court. Subdivision 7	677719.8	4863625.1		1041.62



Appendix H - 2: Maximum 8-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
43	Court. Subdivision 8	678271.6	4864200.6		1041.45
44	Court. Subdivision 9	678184.4	4863373.6		1041.57
45	Court. Subdivision 10	677179.7	4862499.5		1041.33
46	Bow. Subdivision 1	683536.7	4864215.2		1041.26
47	Bow. Subdivision 2	683770.0	4863915.1		1041.15
48	Bow. Subdivision 3	683671.0	4863534.1		1042.05
49	Bow. Subdivision 4	684501.9	4863847.4		1041.26
50	Bow. Subdivision 5	684242.9	4863518.8		1041.23
51	Bow. Subdivision 6	684271.4	4863201.5		1041.42
52	Bow. Subdivision 7	683992.6	4862628.1		1041.59
53	Bow. Subdivision 8	684608.2	4862956.8		1041.26
54	Bow. Subdivision 9	684777.3	4863330.5		1041.34
55	Bow. Subdivision 10	685266.0	4863243.1		1040.79
56	Osh/Court Subdivision 1	677396.8	4860977.3		1042.46
57	Osh/Court Subdivision 2	676633.5	4860816.8		1041.81
58	Osh/Court Subdivision 3	676916.0	4861925.0		1041.36
59	Osh/Court Subdivision 4	676730.5	4861317.1		1041.78
60	Osh/Court Subdivision 5	676087.2	4861392.3		1041.35
61	Osh/Court Subdivision 6	676177.1	4861722.2		1041.04
62	Osh/Court Subdivision 7	675670.7	4861783.2		1040.86
63	Osh/Court Subdivision 8	676050.8	4862055.7		1041.43
64	Osh/Court Subdivision 9	676636.9	4862134.3		1041.60
65	Osh/Court Subdivision 10	676571.3	4861634.8		1041.32
66	Bow. Subdivision 11	684649.2	4863182.7		1041.36
67	Daycare B	685172.4	4863933.1		1040.78
68	Daycare C	685452.0	4863104.4		1041.21
69	Daycare D	685527.7	4864693.3		1040.74
70	Daycare E	685735.4	4864790.8		1040.68
71	Daycare F	685520.3	4864854.3		1040.79
72	Daycare G	685441.9	4864878.0		1040.81
73	Daycare H	686364.8	4864707.8		1040.68
74	Daycare I	685721.6	4865127.3		1040.75
75	Daycare J	678256.3	4863565.4		1041.22
76	Daycare K	677694.1	4864043.7		1041.19
77	Daycare L	676479.5	4862526.2		1041.48
78	Daycare M	678320.9	4864763.5		1041.01
79	Daycare N	678513.4	4865058.0		1040.73
80	Daycare O	672788.7	4863936.6		1040.49
81	Daycare P	673952.8	4863592.5		1040.76
82	Daycare Q	671751.8	4864887.7		1040.42
83	Daycare R	685714.4	4864667.4		1040.72
84	Daycare S	684177.9	4863618.2		1041.76



Appendix H - 2: Maximum 8-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
85	Daycare T	678423.6	4864480.4		1041.26
86	Daycare U	685330.5	4863435.1		1040.90
87	Daycare V	685153.2	4863236.9		1040.92
88	Daycare W	672679.0	4862044.9		1040.58
89	Daycare X	672076.5	4865285.8		1040.45
90	Daycare Y	672638.0	4859664.4		1040.65
91	Daycare Z	673735.9	4858958.0		1040.79
92	Daycare AA	673121.8	4863385.9		1040.84
93	Daycare BB	673904.8	4862282.2		1040.65
94	Daycare CC	671471.6	4861795.3		1040.51
95	Daycare DD	673057.3	4862625.6		1040.60
96	Daycare EE	674917.1	4863957.2		1040.67
97	Daycare FF	671356.6	4862954.4		1040.51
98	Daycare GG	671675.5	4862705.8		1040.49
99	Daycare HH	671604.8	4860138.1		1040.52
100	Daycare II	670945.2	4857983.8		1040.65
101	Daycare JJ	677514.6	4864744.1		1040.74
102	Daycare KK	676519.9	4862680.1		1041.08
103	Daycare LL	677660.6	4863601.3		1041.65
104	Court. Subdivision 11	677665.8	4863406.6		1041.70
105	Daycare NN	674866.3	4864667.2		1040.75
106	Daycare OO	673201.0	4864746.4		1040.50
107	Daycare PP	674794.5	4864915.4		1040.81
108	Hospital	686324.2	4864395.8		1040.78
109	Hospital (Children s)	676057.8	4862180.9		1041.73
110	Hospital	671233.2	4863615.9		1040.53
111	Comm. Resp. Services	676045.4	4863902.5		1041.02
112	Hospital	671712.7	4862364.1		1040.48
113	Retirement Residence A	684199.9	4864120.3		1041.23
114	Retirement Residence B	685483.9	4865150.9		1040.69
115	Retirement Residence C	686844.0	4864732.1		1040.80
116	Retirement Residence D	673481.7	4863343.4		1040.87
117	Retirement Residence E	671825.2	4864399.0		1040.45
118	Retirement Residence F	671606.3	4864536.0		1040.44
119	Retirement Residence G	671357.1	4862958.7		1040.51
120	Retirement Residence H	671514.0	4862262.9		1040.55
121	Retirement Residence I	672602.2	4863075.9		1040.55
122	Retirement Residence J	671719.1	4862893.1		1040.53
123	Retirement Residence K	686718.0	4865648.7		1040.52
124	Retirement Residence L	676168.7	4865669.9		1040.81
125	Retirement Residence M	676118.5	4863980.7		1041.01
126	Bow. Subdivision 12	684649.2	4863182.7		1041.36



Appendix H - 2: Maximum 8-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
127	Primary School B	685384.8	4863575.3		1040.89
128	Primary School C	685021.6	4863952.9		1040.68
129	Primary School D	686237.0	4864085.5		1040.82
130	Primary School E	686719.0	4863734.7		1040.94
131	Primary School F	686357.0	4864754.9		1040.67
132	Primary School G	685502.0	4865013.4		1040.76
133	Primary School H	686726.7	4866061.5		1040.56
134	Primary School I	685186.2	4866568.2		1040.68
135	Primary School J	685965.3	4866979.0		1040.58
136	Primary School K	677709.9	4864726.5		1040.75
137	Primary School L	675988.3	4864270.2		1040.91
138	Primary School M	676608.7	4862739.0		1040.92
139	Primary School N	677222.2	4863759.1		1041.40
140	Primary School O	678154.9	4863872.7		1041.03
141	Court. Subdivision 12	678309.6	4863600.8		1041.20
142	Primary School Q	677010.6	4862470.6		1041.27
143	Primary School R	677431.3	4866694.7		1040.74
144	Primary School S	675266.2	4863562.9		1040.77
145	Primary School T	673479.2	4860029.4		1040.69
146	Primary School U	670856.0	4860710.6		1040.47
147	Primary School V	672660.2	4863909.2		1040.54
148	Primary School W	672735.2	4859232.9		1040.89
149	Primary School X	673575.8	4862688.6		1040.65
150	Primary School Y	673710.3	4861969.0		1040.89
151	Primary School Z	672366.0	4859928.1		1040.60
152	Primary School AA	672561.7	4866047.1		1040.47
153	Primary School BB	675095.1	4862930.4		1041.12
154	Primary School CC	673242.6	4865197.9		1040.49
155	Primary School DD	674164.9	4863031.3		1041.01
156	Primary School EE	671905.6	4864697.8		1040.41
157	Primary School FF	673294.9	4858774.5		1040.72
158	Primary School GG	671659.7	4863120.0		1040.57
159	Primary School HH	673853.4	4866711.0		1040.83
160	Primary School II	672616.7	4862114.9		1040.54
161	Primary School JJ	673567.2	4861899.5		1040.76
162	Primary School KK	671791.0	4861954.2		1040.61
163	Primary School LL	673762.3	4864210.6		1040.54
164	Primary School MM	672238.8	4864621.3		1040.48
165	Primary School NN	673213.6	4858677.0		1040.79
166	Primary School OO	675474.8	4863221.7		1040.87
167	Primary School PP	672441.8	4858748.6		1040.66
168	Primary School QQ	672796.8	4864438.2		1040.58



Appendix H - 2: Maximum 8-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
169	Primary School RR	671351.4	4863284.0		1040.55
170	Primary School SS	673213.9	4862125.5		1040.71
171	Primary School TT	671017.9	4860953.7		1040.45
172	Primary School UU	670991.0	4861089.8		1040.40
173	Primary School VV	674150.1	4862294.8		1040.68
174	Primary School WW	672005.2	4861707.9		1040.57
175	Primary School XX	684172.1	4863615.6		1041.79
176	Primary School YY	683923.3	4866636.4		1040.86
177	Primary School ZZ	680446.0	4865770.5		1040.84
178	Vacant School	685612.9	4864520.0		1040.75
179	Secondary School A	686291.4	4865064.3		1040.61
180	Secondary School B	683875.0	4864741.7		1041.02
181	Secondary School C	684650.3	4866460.3		1040.93
182	Secondary School D	678099.5	4864838.2		1040.94
183	Secondary School E	678467.0	4863431.2		1041.09
184	Secondary School F	674144.9	4862762.7		1040.84
185	Secondary School G	673816.0	4864357.1		1040.54
186	Secondary School H	673145.4	4858569.0		1040.89
187	Secondary School I	671291.7	4863581.3		1040.54
188	Secondary School J	671443.2	4861664.9		1040.44
189	Secondary School K	673235.3	4860885.0		1040.51
190	Secondary School L	684252.7	4866500.5		1040.71
191	Secondary School M	673914.1	4859551.7		1040.89
192	Secondary School N	675051.5	4864177.2		1040.65
193	Adult School	685276.1	4866019.8		1040.71
194	Bow. Valley Cons. 1	685356.6	4864521.2		1040.79
195	Bow. Valley Cons. 2	685627.7	4864167.8		1040.70
196	Bow. Valley Cons. 4	685852.7	4863640.2		1040.76
197	Bow. Valley Cons. 5	686163.1	4863621.5		1040.81
198	Bow. Valley Cons. 6	685931.9	4863380.6		1041.10
199	Maple Grove 1	681688.5	4864717.0		1041.05
200	Maple Grove 2	681768.9	4864631.8		1041.06
201	Maple Grove 3	681894.9	4864506.8		1041.29
202	Maple Grove 4	681974.8	4864443.2		1041.45
203	Maple Grove 5	681942.2	4864676.7		1041.17
204	Maple Grove 6	682053.2	4864586.2		1041.37
205	Maple Grove 7	682168.5	4864631.3		1041.34
206	Maple Grove 8	682261.7	4864520.9		1041.26
207	Maple Grove 9	682382.1	4864589.4		1041.03
208	Maple Grove 10	682459.8	4864499.2		1041.07
209	Port Darlington 1	686227.8	4861159.0		1041.73
210	Port Darlington 2	686184.8	4861252.0		1041.33



Appendix H - 2: Maximum 8-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
211	Port Darlington 3	686151.2	4861286.8		1041.37
212	Port Darlington 4	686351.1	4861341.6		1041.36
213	Port Darlington 5	686406.8	4861448.7		1041.27
214	Port Darlington 6	686504.5	4861604.0		1040.99
215	Port Darlington 7	686703.0	4861789.3		1040.96
216	Port Darlington 8	686895.8	4861960.2		1040.73
217	Port Darlington 9	686867.4	4862119.7		1040.72
218	Port Darlington 10	687190.7	4862048.8		1040.67
219	Port Darlington 11	687524.4	4862126.8		1040.64
220	Campground 1	678646.3	4860337.7		1044.24
221	Campground 2	678410.2	4860148.6		1043.40
222	Campground 3	678651.0	4860054.4		1042.30
223	Campground 4	678725.9	4859860.7		1042.56
224	Campground 5	678511.1	4859808.6		1041.65
225	Campground 6	678869.5	4859696.0		1042.26
226	Campground 7	678723.9	4860201.8		1043.79
227	Campground 8	678796.0	4860011.4		1042.01
228	Campground 9	678852.7	4859854.2		1042.50
229	Solina 1	681099.6	4861677.2		1042.85
230	Solina 2	681115.7	4861857.7		1042.86
231	Solina 3	680987.4	4861983.5		1042.71
232	Solina 4	680965.0	4862068.1		1042.56
233	Solina 5	681021.5	4862086.7		1042.59
234	Solina 6	680939.8	4862124.3		1042.56
235	Solina 7	680988.2	4862183.6		1042.41
236	Solina 8	680984.6	4862209.8		1042.37
237	Solina 9	680958.6	4862294.9		1042.47
238	Solina 10	680858.0	4862324.3		1042.68
239	Solina 11	680990.3	4862403.5		1042.53
240	Recreational 1	681545.0	4860865.0		1042.52
241	Recreational 2	681563.7	4860687.4		1042.85
242	Recreational 3	681579.7	4860610.0		1042.75
243	Recreational 6	681876.6	4860254.4		1043.60
244	Recreational 7	682166.9	4860324.4		1043.04
245	Darlington 1	679565.4	4861052.9		1046.54
246	Darlington 2	679452.9	4861051.4		1045.80
247	Darlington 3	679130.5	4860948.8		1044.52
248	Darlington 4	679112.6	4860941.9		1044.52
249	Darlington 5	679057.6	4860994.1		1044.37
250	Darlington 6	679075.2	4860931.6		1044.47
251	Darlington 7	678814.3	4860843.1		1042.95
252	Darlington 8	678840.4	4860777.1		1042.82



Appendix H - 2: Maximum 8-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
253	Light Ind. 1	680000.1	4861034.1		1043.75
254	Light Ind. 2	680060.7	4861056.4		1043.57
255	Light Ind. 3	680291.2	4861151.6		1044.88
256	Light Ind. 4	680536.3	4861204.6		1044.42
257	Light Ind. 5	680350.4	4861290.6		1045.01
258	Light Ind. 6	680306.9	4861275.6		1045.07
259	Light Ind. 7	680267.2	4861262.4		1044.90
260	Light Ind. 8	680233.6	4861250.7		1044.55
261	Light Ind. 9	680175.3	4861227.5		1043.93
262	Light Ind. 10	680092.5	4861185.1		1043.56
263	Light Ind. 11	680071.6	4861246.6		1043.65
264	Light Ind. 12	680021.4	4861186.9		1043.13
265	Future Industrial 7	680816.2	4860219.3		1045.73
266	Future Industrial 8	680398.0	4860731.8		1048.30
267	Future Industrial 1	680359.6	4859959.2		1042.95
268	Future Industrial 2	680083.7	4859985.7		1042.91
269	Future Industrial 3	680819.9	4860705.3		1047.13
270	Future Industrial 4	681070.0	4859937.2		1042.86
271	Future Industrial 5	679898.8	4860067.4		1043.21
272	Future Industrial 6	680134.8	4860694.1		1043.91
273	Future Industrial 11	680253.7	4860255.2		1044.44
274	Future Industrial 12	679901.2	4860511.8		1043.59
275	Commercial Farmer	679867.8	4860445.4		1043.55
276	Farmer	679277.0	4859981.5		1042.79
277	Residence	679387.2	4860648.9		1043.21
278	Barn	679261.9	4860574.2		1043.15
279	Residence	680150.7	4861295.7		1043.85
280	Residence	679939.8	4861213.4		1043.17
281	Farmer	680855.7	4861456.9		1043.14
282	Farmer	681386.2	4861673.3		1043.25
283	Residence	680683.5	4861597.9		1042.88
284	Business	680064.3	4861343.7		1043.75
285	Farmer	679680.1	4861213.5		1045.35
286	Farmer	681344.8	4861792.9		1043.17
287	Youth Centre	685644.2	4864814.8		1040.72
288	Bowmanville Arena	685462.9	4864615.2		1040.76
289	Bowmanville Rec Complex	684160.3	4864604.5		1041.08
290	Recreation Complex	684586.6	4862406.3		1040.98
291	Superdog Central	681487.7	4865723.3		1040.89
292	Equestrian Centre	681567.1	4863670.7		1041.55
293	Flea Market	678574.6	4862819.4		1042.25
294	Equestrian Centre	680030.8	4867320.2		1040.69



Appendix H - 2: Maximum 8-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
295	Courtice Community Com	678099.3	4864629.8		1041.06
296	Former Restaurant	679830.2	4860702.2		1043.23
297	Commercial	679364.8	4861016.0		1044.56
298	GM Oshawa Headquarte	676418.3	4860463.7		1041.20
299	Farm A?	682972.3	4862201.9		1041.81
300	Farm B?	683546.9	4861959.7		1041.52
301	Farm C?	682547.5	4862321.1		1042.29
302	Farm D?	683238.3	4862393.3		1041.75
303	Farm E?	682512.6	4862858.0		1042.00
304	Farm F?	683129.1	4863649.4		1041.72
305	Bennett 1	688209.3	4862512.1		1040.57
306	Bennett 2	687990.0	4863221.3		1040.57
307	Bennett 3	688818.4	4862836.3		1040.51
308	Bennett 4	689045.1	4863365.5		1040.52
309	Bennett 5	688270.5	4863763.1		1040.62
310	Bennett 6	689908.5	4863100.5		1040.41
311	Bennett 7	688929.9	4864392.0		1041.08
312	Bennett 8	689684.2	4863837.7		1040.55
313	Soper 1	687557.9	4862512.4		1040.62
314	Soper 2	687241.9	4863171.7		1040.57
315	Soper 3	687023.2	4863903.8		1040.83
316	Soper 4	688158.2	4865389.3		1040.58
317	Soper 5	685027.3	4868253.9		1040.67
318	Soper 6	687287.4	4867037.3		1040.43
319	Soper 7	685683.2	4867148.1		1040.59
320	Soper 8	686748.7	4865874.7		1040.55
321	Bowmanville 1	687026.3	4862368.4		1040.68
322	Bowmanville 2	686625.7	4863020.3		1040.65
323	Bowmanville 3	683380.3	4865365.9		1041.18
324	Bowmanville 4	683111.4	4867150.3		1040.70
325	Bowmanville 5	682452.2	4869417.5		1040.58
326	Bowmanville 6	684778.5	4864888.2		1040.75
327	Bowmanville 7	684549.5	4866404.4		1040.88
328	Upper Tooley 1	679944.8	4864883.1		1041.21
329	Upper Tooley 2	679055.1	4863885.8		1041.30
330	Upper Tooley 3	679714.0	4862767.4		1041.59
331	Upper Tooley 4	678898.8	4861800.6		1043.47
332	Upper Tooley 5	680353.5	4862156.5		1042.42
333	Upper Tooley 6	679818.1	4861625.7		1042.61
334	Robinson 1	678434.8	4860943.1		1042.45
335	Robinson 2	677752.6	4861240.6		1041.94
336	Robinson 3	677642.2	4861787.2		1041.88



Appendix H - 2: Maximum 8-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
337	Robinson 4	678532.7	4862143.6		1042.64
338	Robinson 5	678005.1	4862784.9		1041.81
339	Robinson 6	677882.7	4860587.7		1042.47
340	F/B 1	677443.1	4867862.1		1040.69
341	F/B 2	679667.4	4866611.4		1041.05
342	F/B 3	678655.0	4867470.1		1040.77
343	F/B 4	676191.2	4866844.7		1040.65
344	F/B 5	678273.3	4866093.0		1040.84
345	F/B 6	681241.2	4867098.8		1040.76
346	F/B 7	682165.3	4868082.3		1040.71
347	F/B 8	679366.6	4868628.3		1040.75
348	F/B 9	680310.1	4869967.1		1040.54
349	F/B 10	676487.3	4869291.6		1040.56
350	F/B 11	676851.4	4865409.3		1040.83
351	F/B 12	681153.3	4868682.2		1040.60
352	F/B 13	675416.3	4859833.9		1041.50
353	Second 1	675153.4	4860552.8		1040.85
354	Second 2	675297.5	4860891.3		1041.20
355	Second 3	675647.2	4860644.9		1041.20
356	Second 4	675670.5	4860076.5		1041.53
357	Second 5	676043.3	4860319.1		1041.31
358	Second 6	675923.4	4859821.4		1041.63
359	McLaughlin Bay 1	676714.7	4860903.8		1041.67
360	McLaughlin Bay 2	677310.8	4860528.2		1041.84
361	McLaughlin Bay 3	676563.5	4860260.1		1041.81
362	McLaughlin Bay 4	676699.5	4859696.6		1042.27
363	McLaughlin Bay 5	677560.0	4860060.1		1042.68
364	McLaughlin Bay 6	678204.5	4859832.5		1041.36
365	Harmony Creek 1	674178.3	4861024.2		1040.72
366	Harmony Creek 2	674592.0	4862605.3		1040.88
367	Harmony Creek 3	672863.4	4862808.0		1040.60
368	Harmony Creek 4	675671.6	4864469.0		1040.90
369	Harmony Creek 5	672443.1	4864713.0		1040.52
370	Harmony Creek 6	674830.5	4866909.6		1040.61
371	Harmony Creek 7	675799.9	4868594.1		1040.69
372	Westside 1	686082.6	4862776.6		1040.73
373	Westside 2	685778.7	4862137.9		1041.03
374	Westside 3	685084.2	4862827.4		1040.91
375	Darlington 1	680977.5	4865674.4		1040.99
376	Darlington 2	680913.9	4863967.1		1041.81
377	Darlington 3	682602.8	4863659.6		1042.29
378	Darlington 4	682206.4	4862910.4		1042.38



Appendix H - 2: Maximum 8-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
379	Darlington 5	683223.2	4861114.0		1041.62
380	Darlington 6	683947.7	4862362.0		1041.75
381	Darlington 7	685361.9	4861143.4		1041.58
382	Bennett ECO/HH	688606.4	4862634.8		1040.52
383	Oshawa ECO/HH	673884.9	4859128.9		1040.98
384	Oshawa Creek 1	671671.2	4862793.7		1040.50
385	Oshawa Creek 2	671668.5	4861589.5		1040.43
386	Oshawa Creek 3	672820.2	4861287.2		1040.47
387	Oshawa Creek 4	672360.3	4860262.6		1040.53
388	Oshawa Creek 5	673921.2	4860115.0		1040.71
389	Oshawa Creek 6	673154.0	4859421.9		1040.77
390	Farmer	677409.8	4861051.4		1042.51
391	Commercial Market	688276.3	4864698.5		1040.58

Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
1	Campground 10	678526.8	4859996.8		20.07	60.86	1030.99	0.30	20.69	35.76
2	ECO 2	675490.4	4860360.1		19.67	59.49	1030.48	0.20	20.60	35.59
3	Recreational 5	681642.0	4860349.3		20.60	62.69	1031.69	0.46	20.74	37.66
4	ECO 4	676831.5	4859840.9		20.12	61.02	1031.05	0.25	20.65	35.66
5	Bow. Valley Cons. 3	685767.2	4863879.0		19.67	59.46	1030.47	0.13	20.53	35.53
6	ECO 6	679647.8	4859989.3		20.22	61.38	1031.19	0.37	20.77	36.26
7	ECO 7	681578.8	4862070.1		20.22	61.38	1031.19	0.35	20.74	36.00
8	ECO 8	679735.5	4861048.6		21.03	64.19	1032.24	0.58	20.98	36.24
9	ECO 9	687219.7	4864249.3		19.64	59.36	1030.43	0.12	20.52	35.52
10	ECO 10	686519.0	4861987.6		19.67	59.47	1030.48	0.14	20.53	35.53
11	ECO 11	679870.4	4859737.9		20.19	61.27	1031.18	0.34	20.74	36.59
12	Recreational 4	681575.5	4860557.7		20.13	61.06	1031.08	0.37	20.71	37.24
13	Future Industrial 9	680704.5	4859857.8		20.15	61.13	1031.14	0.67	20.74	38.67
14	Future Industrial 10	680608.0	4860719.6		21.01	64.12	1032.25	1.21	20.92	41.39
15	Harmony Creek	673992.4	4865641.4		19.66	59.43	1030.46	0.13	20.52	35.53
16	Farewell Creek	678079.2	4868822.7		19.60	59.22	1030.38	0.21	20.61	35.60
17	Farmer	681378.6	4860335.0		20.66	62.91	1031.78	0.67	20.76	38.73
18	Watson Farm	682883.4	4864219.7		20.11	60.99	1031.04	0.23	20.62	35.64
19	Racanski Farm	678929.2	4865530.2		19.82	60.00	1030.68	0.23	20.62	35.63
20	Zoo	687216.8	4864835.3		19.57	59.14	1030.35	0.13	20.53	35.53
21	Cedar Crest Beach	686652.1	4861660.9		19.84	60.08	1030.70	0.14	20.53	35.55
22	Darlington Prov Park Beach	677844.6	4859718.2		20.15	61.13	1031.10	0.25	20.64	35.67
23	OPG 1	682258.1	4860045.0		20.19	61.28	1031.15	0.27	20.67	36.04
24	OPG 2	682551.4	4859889.1		19.96	60.47	1030.85	0.24	20.64	35.75
25	OPG 3	682824.6	4859759.3		19.84	60.08	1030.71	0.22	20.62	35.70
26	OPG 4	683021.6	4859937.3		19.92	60.35	1030.80	0.21	20.61	35.69
27	OPG 5	683318.2	4859677.8		19.77	59.84	1030.61	0.19	20.59	35.62
28	OPG 6	683306.9	4860023.0		19.90	60.27	1030.78	0.21	20.61	35.65
29	OPG 7	683718.6	4859915.8		19.81	59.95	1030.66	0.20	20.60	35.59
30	OPG 8	682702.0	4859998.6		20.02	60.69	1030.93	0.23	20.63	35.74
31	OPG 9	684347.7	4861184.6		19.82	60.00	1030.68	0.17	20.57	35.58
32	OPG 10	682157.2	4861228.2		20.19	61.27	1031.15	0.30	20.69	36.12
33	St. Mary's 1	684557.0	4861070.0		19.87	60.15	1030.73	0.17	20.56	35.57
34	St. Mary's 2	684657.3	4861320.8		19.77	59.83	1030.61	0.16	20.56	35.57



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
35	St. Mary's 3	684905.3	4861154.4		19.87	60.16	1030.73	0.16	20.55	35.56
36	Court. Subdivision 1	677328.4	4862976.1		19.88	60.21	1030.75	0.40	20.80	35.80
37	Court. Subdivision 2	676187.9	4862611.1		19.77	59.83	1030.61	0.18	20.58	35.58
38	Court. Subdivision 3	675974.8	4863484.1		19.58	59.16	1030.36	0.21	20.61	35.60
39	Court. Subdivision 4	676606.1	4863214.1		19.73	59.69	1030.56	0.29	20.69	35.68
40	Court. Subdivision 5	676827.1	4863591.4		19.80	59.94	1030.65	0.32	20.72	35.72
41	Court. Subdivision 6	677200.4	4864074.9		19.80	59.92	1030.64	0.32	20.72	35.72
42	Court. Subdivision 7	677719.8	4863625.1		19.80	59.93	1030.65	0.33	20.73	35.73
43	Court. Subdivision 8	678271.6	4864200.6		19.75	59.74	1030.58	0.23	20.63	35.63
44	Court. Subdivision 9	678184.4	4863373.6		19.74	59.73	1030.57	0.27	20.67	35.67
45	Court. Subdivision 10	677179.7	4862499.5		19.77	59.81	1030.60	0.37	20.77	35.77
46	Bow. Subdivision 1	683536.7	4864215.2		19.97	60.52	1030.87	0.19	20.59	35.60
47	Bow. Subdivision 2	683770.0	4863915.1		19.66	59.45	1030.47	0.18	20.58	35.59
48	Bow. Subdivision 3	683671.0	4863534.1		20.01	60.66	1030.92	0.19	20.59	35.62
49	Bow. Subdivision 4	684501.9	4863847.4		19.77	59.81	1030.60	0.16	20.56	35.56
50	Bow. Subdivision 5	684242.9	4863518.8		19.75	59.76	1030.59	0.17	20.57	35.57
51	Bow. Subdivision 6	684271.4	4863201.5		19.73	59.67	1030.55	0.18	20.57	35.58
52	Bow. Subdivision 7	683992.6	4862628.1		19.79	59.89	1030.64	0.19	20.59	35.59
53	Bow. Subdivision 8	684608.2	4862956.8		19.66	59.45	1030.47	0.17	20.56	35.57
54	Bow. Subdivision 9	684777.3	4863330.5		19.73	59.67	1030.55	0.16	20.56	35.56
55	Bow. Subdivision 10	685266.0	4863243.1		19.72	59.66	1030.55	0.15	20.55	35.55
56	Osh/Court Subdivision 1	677396.8	4860977.3		20.39	61.95	1031.40	0.31	20.71	35.71
57	Osh/Court Subdivision 2	676633.5	4860816.8		19.80	59.92	1030.64	0.23	20.63	35.63
58	Osh/Court Subdivision 3	676916.0	4861925.0		19.76	59.80	1030.60	0.25	20.65	35.65
59	Osh/Court Subdivision 4	676730.5	4861317.1		20.11	60.99	1031.04	0.24	20.63	35.65
60	Osh/Court Subdivision 5	676087.2	4861392.3		19.88	60.20	1030.74	0.21	20.61	35.61
61	Osh/Court Subdivision 6	676177.1	4861722.2		19.72	59.64	1030.54	0.22	20.61	35.62
62	Osh/Court Subdivision 7	675670.7	4861783.2		19.69	59.55	1030.50	0.20	20.60	35.61
63	Osh/Court Subdivision 8	676050.8	4862055.7		19.78	59.84	1030.61	0.20	20.59	35.60
64	Osh/Court Subdivision 9	676636.9	4862134.3		19.82	59.98	1030.67	0.22	20.61	35.62
65	Osh/Court Subdivision 10	676571.3	4861634.8		19.78	59.84	1030.61	0.23	20.62	35.64
66	Bow. Subdivision 11	684649.2	4863182.7		19.73	59.68	1030.56	0.16	20.56	35.56
67	Daycare B	685172.4	4863933.1		19.60	59.25	1030.39	0.15	20.54	35.54
68	Daycare C	685452.0	4863104.4		19.68	59.52	1030.50	0.14	20.54	35.54



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
69	Daycare D	685527.7	4864693.3		19.70	59.59	1030.52	0.13	20.53	35.53
70	Daycare E	685735.4	4864790.8		19.68	59.49	1030.48	0.13	20.53	35.53
71	Daycare F	685520.3	4864854.3		19.71	59.60	1030.52	0.13	20.53	35.53
72	Daycare G	685441.9	4864878.0		19.69	59.56	1030.51	0.14	20.53	35.54
73	Daycare H	686364.8	4864707.8		19.55	59.06	1030.32	0.14	20.53	35.54
74	Daycare I	685721.6	4865127.3		19.67	59.48	1030.48	0.13	20.53	35.53
75	Daycare J	678256.3	4863565.4		19.69	59.55	1030.50	0.26	20.65	35.65
76	Daycare K	677694.1	4864043.7		19.64	59.38	1030.44	0.30	20.70	35.70
77	Daycare L	676479.5	4862526.2		19.79	59.89	1030.63	0.22	20.62	35.62
78	Daycare M	678320.9	4864763.5		19.63	59.34	1030.42	0.23	20.63	35.62
79	Daycare N	678513.4	4865058.0		19.58	59.18	1030.37	0.21	20.61	35.61
80	Daycare O	672788.7	4863936.6		19.47	58.80	1030.23	0.13	20.52	35.53
81	Daycare P	673952.8	4863592.5		19.54	59.04	1030.31	0.13	20.53	35.53
82	Daycare Q	671751.8	4864887.7		19.48	58.82	1030.23	0.13	20.53	35.52
83	Daycare R	685714.4	4864667.4		19.66	59.43	1030.46	0.13	20.53	35.53
84	Daycare S	684177.9	4863618.2		19.94	60.39	1030.82	0.17	20.57	35.57
85	Daycare T	678423.6	4864480.4		19.67	59.48	1030.48	0.22	20.61	35.61
86	Daycare U	685330.5	4863435.1		19.70	59.58	1030.52	0.15	20.54	35.54
87	Daycare V	685153.2	4863236.9		19.69	59.56	1030.51	0.15	20.55	35.55
88	Daycare W	672679.0	4862044.9		19.52	58.97	1030.29	0.15	20.55	35.54
89	Daycare X	672076.5	4865285.8		19.50	58.90	1030.26	0.12	20.52	35.52
90	Daycare Y	672638.0	4859664.4		19.55	59.05	1030.32	0.16	20.56	35.56
91	Daycare Z	673735.9	4858958.0		19.74	59.72	1030.57	0.18	20.58	35.58
92	Daycare AA	673121.8	4863385.9		19.55	59.06	1030.32	0.13	20.52	35.53
93	Daycare BB	673904.8	4862282.2		19.56	59.10	1030.33	0.17	20.56	35.57
94	Daycare CC	671471.6	4861795.3		19.46	58.76	1030.21	0.13	20.52	35.52
95	Daycare DD	673057.3	4862625.6		19.51	58.92	1030.27	0.15	20.55	35.55
96	Daycare EE	674917.1	4863957.2		19.55	59.07	1030.32	0.14	20.54	35.54
97	Daycare FF	671356.6	4862954.4		19.49	58.85	1030.24	0.14	20.54	35.54
98	Daycare GG	671675.5	4862705.8		19.49	58.85	1030.24	0.14	20.54	35.54
99	Daycare HH	671604.8	4860138.1		19.50	58.88	1030.25	0.14	20.54	35.53
100	Daycare II	670945.2	4857983.8		19.48	58.81	1030.23	0.12	20.51	35.51
101	Daycare JJ	677514.6	4864744.1		19.51	58.94	1030.28	0.28	20.68	35.68
102	Daycare KK	676519.9	4862680.1		19.70	59.57	1030.51	0.24	20.64	35.64



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.30	58.20	1030.00		20.40	35.39
103	Daycare LL	677660.6	4863601.3		19.83	60.03	1030.69	0.34	20.74	35.73
104	Court. Subdivision 11	677665.8	4863406.6		19.89	60.24	1030.76	0.36	20.76	35.75
105	Daycare NN	674866.3	4864667.2		19.62	59.30	1030.41	0.16	20.56	35.55
106	Daycare OO	673201.0	4864746.4		19.51	58.93	1030.27	0.12	20.52	35.52
107	Daycare PP	674794.5	4864915.4		19.68	59.51	1030.49	0.16	20.55	35.55
108	Hospital	686324.2	4864395.8		19.63	59.34	1030.43	0.14	20.53	35.54
109	Hospital (Children s)	676057.8	4862180.9		19.83	60.03	1030.68	0.18	20.58	35.59
110	Hospital	671233.2	4863615.9		19.47	58.78	1030.22	0.13	20.53	35.53
111	Comm. Resp. Services	676045.4	4863902.5		19.75	59.76	1030.58	0.23	20.63	35.63
112	Hospital	671712.7	4862364.1		19.49	58.85	1030.24	0.14	20.54	35.54
113	Retirement Residence A	684199.9	4864120.3		19.73	59.70	1030.56	0.17	20.56	35.57
114	Retirement Residence B	685483.9	4865150.9		19.63	59.34	1030.43	0.14	20.53	35.54
115	Retirement Residence C	686844.0	4864732.1		19.59	59.19	1030.37	0.13	20.53	35.53
116	Retirement Residence D	673481.7	4863343.4		19.56	59.10	1030.34	0.13	20.52	35.53
117	Retirement Residence E	671825.2	4864399.0		19.46	58.75	1030.21	0.13	20.53	35.53
118	Retirement Residence F	671606.3	4864536.0		19.46	58.76	1030.21	0.13	20.53	35.53
119	Retirement Residence G	671357.1	4862958.7	19.49	58.85	1030.24	0.14	20.54	35.54	
120	Retirement Residence H	671514.0	4862262.9	19.50	58.87	1030.25	0.14	20.54	35.53	
121	Retirement Residence I	672602.2	4863075.9	19.50	58.88	1030.25	0.14	20.54	35.54	
122	Retirement Residence J	671719.1	4862893.1	19.49	58.86	1030.25	0.14	20.54	35.54	
123	Retirement Residence K	686718.0	4865648.7	19.59	59.21	1030.38	0.11	20.51	35.51	
124	Retirement Residence L	676168.7	4865669.9	19.60	59.24	1030.39	0.24	20.64	35.63	
125	Retirement Residence M	676118.5	4863980.7	19.78	59.84	1030.61	0.24	20.64	35.64	
126	Bow. Subdivision 12	684649.2	4863182.7	19.73	59.68	1030.56	0.16	20.56	35.56	
127	Primary School B	685384.8	4863575.3	19.70	59.60	1030.52	0.14	20.54	35.54	
128	Primary School C	685021.6	4863952.9	19.60	59.23	1030.38	0.15	20.55	35.55	
129	Primary School D	686237.0	4864085.5	19.65	59.41	1030.45	0.13	20.53	35.53	
130	Primary School E	686719.0	4863734.7	19.64	59.36	1030.43	0.12	20.52	35.52	
131	Primary School F	686357.0	4864754.9	19.54	59.01	1030.31	0.13	20.53	35.53	
132	Primary School G	685502.0	4865013.4	19.67	59.48	1030.48	0.14	20.53	35.54	
133	Primary School H	686726.7	4866061.5	19.58	59.16	1030.36	0.11	20.51	35.51	
134	Primary School I	685186.2	4866568.2	19.55	59.07	1030.33	0.14	20.54	35.54	
135	Primary School J	685965.3	4866979.0	19.56	59.08	1030.33	0.13	20.52	35.52	
136	Primary School K	677709.9	4864726.5	19.57	59.13	1030.35	0.27	20.67	35.67	



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
137	Primary School L	675988.3	4864270.2		19.83	60.04	1030.69	0.23	20.63	35.63
138	Primary School M	676608.7	4862739.0		19.65	59.41	1030.46	0.26	20.66	35.66
139	Primary School N	677222.2	4863759.1		19.87	60.18	1030.74	0.34	20.74	35.73
140	Primary School O	678154.9	4863872.7		19.63	59.33	1030.42	0.25	20.65	35.65
141	Court. Subdivision 12	678309.6	4863600.8		19.69	59.55	1030.51	0.26	20.66	35.65
142	Primary School Q	677010.6	4862470.6		19.75	59.74	1030.58	0.33	20.73	35.73
143	Primary School R	677431.3	4866694.7		19.63	59.35	1030.43	0.24	20.64	35.63
144	Primary School S	675266.2	4863562.9		19.58	59.17	1030.37	0.16	20.55	35.55
145	Primary School T	673479.2	4860029.4		19.54	59.04	1030.31	0.17	20.57	35.56
146	Primary School U	670856.0	4860710.6		19.48	58.83	1030.24	0.12	20.52	35.51
147	Primary School V	672660.2	4863909.2		19.48	58.81	1030.23	0.13	20.53	35.53
148	Primary School W	672735.2	4859232.9		19.76	59.79	1030.59	0.17	20.57	35.57
149	Primary School X	673575.8	4862688.6		19.52	58.95	1030.28	0.16	20.55	35.55
150	Primary School Y	673710.3	4861969.0		19.62	59.31	1030.41	0.16	20.56	35.56
151	Primary School Z	672366.0	4859928.1		19.52	58.95	1030.28	0.15	20.55	35.54
152	Primary School AA	672561.7	4866047.1		19.53	58.99	1030.29	0.12	20.52	35.51
153	Primary School BB	675095.1	4862930.4		19.65	59.40	1030.45	0.14	20.54	35.54
154	Primary School CC	673242.6	4865197.9		19.54	59.04	1030.31	0.12	20.52	35.52
155	Primary School DD	674164.9	4863031.3		19.60	59.24	1030.39	0.14	20.53	35.54
156	Primary School EE	671905.6	4864697.8		19.48	58.81	1030.23	0.13	20.53	35.52
157	Primary School FF	673294.9	4858774.5	19.61	59.26	1030.40	0.16	20.56	35.56	
158	Primary School GG	671659.7	4863120.0	19.49	58.86	1030.25	0.14	20.54	35.54	
159	Primary School HH	673853.4	4866711.0	19.69	59.56	1030.51	0.15	20.54	35.55	
160	Primary School II	672616.7	4862114.9	19.52	58.96	1030.28	0.15	20.55	35.54	
161	Primary School JJ	673567.2	4861899.5	19.58	59.17	1030.36	0.16	20.56	35.55	
162	Primary School KK	671791.0	4861954.2	19.50	58.89	1030.26	0.13	20.53	35.53	
163	Primary School LL	673762.3	4864210.6	19.51	58.92	1030.27	0.13	20.53	35.53	
164	Primary School MM	672238.8	4864621.3	19.48	58.83	1030.23	0.13	20.53	35.52	
165	Primary School NN	673213.6	4858677.0	19.58	59.17	1030.36	0.16	20.55	35.55	
166	Primary School OO	675474.8	4863221.7	19.63	59.33	1030.42	0.16	20.55	35.55	
167	Primary School PP	672441.8	4858748.6	19.64	59.36	1030.43	0.16	20.56	35.55	
168	Primary School QQ	672796.8	4864438.2	19.49	58.84	1030.24	0.13	20.52	35.52	
169	Primary School RR	671351.4	4863284.0	19.48	58.83	1030.24	0.14	20.53	35.53	
170	Primary School SS	673213.9	4862125.5	19.57	59.13	1030.35	0.16	20.55	35.55	



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.30	58.20	1030.00		20.40	35.39
171	Primary School TT	671017.9	4860953.7		19.46	58.74	1030.20	0.12	20.52	35.51
172	Primary School UU	670991.0	4861089.8		19.44	58.68	1030.18	0.12	20.52	35.51
173	Primary School VV	674150.1	4862294.8		19.57	59.12	1030.34	0.17	20.57	35.57
174	Primary School WW	672005.2	4861707.9		19.48	58.82	1030.23	0.13	20.53	35.53
175	Primary School XX	684172.1	4863615.6		19.95	60.43	1030.83	0.17	20.57	35.57
176	Primary School YY	683923.3	4866636.4		19.63	59.32	1030.42	0.17	20.57	35.57
177	Primary School ZZ	680446.0	4865770.5		19.54	59.02	1030.31	0.26	20.66	35.67
178	Vacant School	685612.9	4864520.0		19.62	59.30	1030.41	0.13	20.53	35.53
179	Secondary School A	686291.4	4865064.3		19.58	59.15	1030.35	0.12	20.52	35.52
180	Secondary School B	683875.0	4864741.7		19.87	60.16	1030.73	0.18	20.58	35.59
181	Secondary School C	684650.3	4866460.3		19.56	59.11	1030.34	0.15	20.55	35.56
182	Secondary School D	678099.5	4864838.2		19.63	59.35	1030.43	0.25	20.64	35.64
183	Secondary School E	678467.0	4863431.2		19.73	59.69	1030.56	0.28	20.67	35.67
184	Secondary School F	674144.9	4862762.7		19.54	59.04	1030.32	0.15	20.55	35.55
185	Secondary School G	673816.0	4864357.1		19.52	58.95	1030.28	0.13	20.53	35.53
186	Secondary School H	673145.4	4858569.0		19.57	59.14	1030.35	0.15	20.55	35.54
187	Secondary School I	671291.7	4863581.3		19.47	58.80	1030.22	0.13	20.53	35.53
188	Secondary School J	671443.2	4861664.9		19.44	58.69	1030.18	0.12	20.52	35.52
189	Secondary School K	673235.3	4860885.0		19.49	58.86	1030.25	0.15	20.55	35.54
190	Secondary School L	684252.7	4866500.5		19.60	59.24	1030.39	0.16	20.56	35.57
191	Secondary School M	673914.1	4859551.7		19.69	59.55	1030.50	0.19	20.59	35.59
192	Secondary School N	675051.5	4864177.2		19.56	59.09	1030.33	0.16	20.56	35.55
193	Adult School	685276.1	4866019.8		19.62	59.29	1030.41	0.14	20.54	35.54
194	Bow. Valley Cons. 1	685356.6	4864521.2		19.67	59.49	1030.48	0.14	20.54	35.54
195	Bow. Valley Cons. 2	685627.7	4864167.8	19.58	59.17	1030.36	0.14	20.54	35.54	
196	Bow. Valley Cons. 4	685852.7	4863640.2	19.66	59.43	1030.46	0.13	20.53	35.53	
197	Bow. Valley Cons. 5	686163.1	4863621.5	19.68	59.52	1030.49	0.13	20.53	35.53	
198	Bow. Valley Cons. 6	685931.9	4863380.6	19.66	59.43	1030.46	0.13	20.53	35.53	
199	Maple Grove 1	681688.5	4864717.0	19.64	59.38	1030.44	0.30	20.70	36.05	
200	Maple Grove 2	681768.9	4864631.8	19.70	59.57	1030.51	0.30	20.69	36.03	
201	Maple Grove 3	681894.9	4864506.8	19.69	59.54	1030.50	0.30	20.69	35.96	
202	Maple Grove 4	681974.8	4864443.2	19.72	59.66	1030.55	0.29	20.69	35.92	
203	Maple Grove 5	681942.2	4864676.7	19.67	59.49	1030.48	0.29	20.68	36.01	
204	Maple Grove 6	682053.2	4864586.2	19.71	59.60	1030.53	0.28	20.68	35.97	



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.30	58.20	1030.00		20.40	35.39
205	Maple Grove 7	682168.5	4864631.3		19.72	59.66	1030.55	0.28	20.67	35.85
206	Maple Grove 8	682261.7	4864520.9		19.73	59.69	1030.56	0.27	20.66	35.83
207	Maple Grove 9	682382.1	4864589.4		19.71	59.63	1030.54	0.26	20.65	35.68
208	Maple Grove 10	682459.8	4864499.2		19.74	59.71	1030.57	0.26	20.65	35.68
209	Port Darlington 1	686227.8	4861159.0		19.79	59.88	1030.63	0.13	20.52	35.56
210	Port Darlington 2	686184.8	4861252.0		19.78	59.87	1030.62	0.13	20.53	35.53
211	Port Darlington 3	686151.2	4861286.8		19.77	59.81	1030.61	0.13	20.53	35.53
212	Port Darlington 4	686351.1	4861341.6		19.85	60.10	1030.71	0.14	20.53	35.55
213	Port Darlington 5	686406.8	4861448.7		19.86	60.15	1030.73	0.14	20.54	35.55
214	Port Darlington 6	686504.5	4861604.0		19.86	60.12	1030.72	0.14	20.54	35.55
215	Port Darlington 7	686703.0	4861789.3		19.78	59.86	1030.62	0.13	20.53	35.53
216	Port Darlington 8	686895.8	4861960.2		19.67	59.49	1030.48	0.13	20.53	35.53
217	Port Darlington 9	686867.4	4862119.7		19.63	59.35	1030.43	0.13	20.53	35.53
218	Port Darlington 10	687190.7	4862048.8		19.62	59.29	1030.41	0.13	20.52	35.52
219	Port Darlington 11	687524.4	4862126.8		19.60	59.24	1030.39	0.12	20.52	35.52
220	Campground 1	678646.3	4860337.7		20.52	62.41	1031.57	0.36	20.75	35.79
221	Campground 2	678410.2	4860148.6		20.35	61.82	1031.35	0.32	20.72	35.74
222	Campground 3	678651.0	4860054.4		20.13	61.05	1031.06	0.31	20.71	35.81
223	Campground 4	678725.9	4859860.7		20.12	61.02	1031.06	0.31	20.71	35.81
224	Campground 5	678511.1	4859808.6		19.89	60.25	1030.77	0.28	20.68	35.73
225	Campground 6	678869.5	4859696.0		20.03	60.70	1030.94	0.29	20.69	35.80
226	Campground 7	678723.9	4860201.8		20.45	62.17	1031.48	0.34	20.74	35.84
227	Campground 8	678796.0	4860011.4		20.06	60.84	1030.99	0.33	20.73	35.89
228	Campground 9	678852.7	4859854.2		20.06	60.84	1030.99	0.31	20.71	35.88
229	Solina 1	681099.6	4861677.2		20.25	61.46	1031.22	0.43	20.81	36.17
230	Solina 2	681115.7	4861857.7		20.23	61.42	1031.20	0.42	20.80	36.21
231	Solina 3	680987.4	4861983.5		20.25	61.48	1031.22	0.43	20.82	36.57
232	Solina 4	680965.0	4862068.1		20.16	61.15	1031.10	0.43	20.82	36.57
233	Solina 5	681021.5	4862086.7		20.21	61.35	1031.18	0.42	20.81	36.47
234	Solina 6	680939.8	4862124.3		20.04	60.74	1030.95	0.43	20.82	36.51
235	Solina 7	680988.2	4862183.6		20.10	60.97	1031.04	0.42	20.81	36.40
236	Solina 8	680984.6	4862209.8		20.06	60.81	1030.98	0.41	20.81	36.37
237	Solina 9	680958.6	4862294.9		20.01	60.65	1030.92	0.41	20.80	36.27
238	Solina 10	680858.0	4862324.3		20.12	61.04	1031.06	0.42	20.81	36.24



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
239	Solina 11	680990.3	4862403.5		19.99	60.57	1030.89	0.40	20.79	36.13
240	Recreational 1	681545.0	4860865.0		20.13	61.07	1031.07	0.35	20.73	36.77
241	Recreational 2	681563.7	4860687.4		20.43	62.11	1031.48	0.33	20.72	36.58
242	Recreational 3	681579.7	4860610.0		20.30	61.64	1031.30	0.33	20.72	36.97
243	Recreational 6	681876.6	4860254.4		20.62	62.77	1031.71	0.33	20.73	36.76
244	Recreational 7	682166.9	4860324.4		20.45	62.16	1031.48	0.30	20.69	36.39
245	Darlington 1	679565.4	4861052.9		20.99	64.03	1032.19	0.55	20.94	36.09
246	Darlington 2	679452.9	4861051.4		20.79	63.37	1031.94	0.52	20.91	36.01
247	Darlington 3	679130.5	4860948.8		20.73	63.13	1031.84	0.44	20.84	35.89
248	Darlington 4	679112.6	4860941.9		20.75	63.22	1031.87	0.43	20.83	35.89
249	Darlington 5	679057.6	4860994.1		20.69	62.98	1031.79	0.43	20.83	35.83
250	Darlington 6	679075.2	4860931.6		20.77	63.27	1031.89	0.43	20.83	35.87
251	Darlington 7	678814.3	4860843.1		20.42	62.07	1031.45	0.38	20.78	35.77
252	Darlington 8	678840.4	4860777.1		20.27	61.56	1031.25	0.38	20.78	35.80
253	Light Ind. 1	680000.1	4861034.1		20.51	62.37	1031.56	0.63	21.03	36.60
254	Light Ind. 2	680060.7	4861056.4		20.44	62.15	1031.48	0.64	21.04	36.85
255	Light Ind. 3	680291.2	4861151.6		20.81	63.42	1031.95	0.64	21.03	38.12
256	Light Ind. 4	680536.3	4861204.6		20.70	63.04	1031.83	0.59	20.96	38.30
257	Light Ind. 5	680350.4	4861290.6		20.78	63.31	1031.92	0.61	21.00	38.05
258	Light Ind. 6	680306.9	4861275.6		20.80	63.38	1031.93	0.62	21.01	37.96
259	Light Ind. 7	680267.2	4861262.4		20.76	63.26	1031.88	0.63	21.02	37.84
260	Light Ind. 8	680233.6	4861250.7		20.66	62.90	1031.75	0.63	21.03	37.68
261	Light Ind. 9	680175.3	4861227.5		20.47	62.26	1031.52	0.64	21.04	37.46
262	Light Ind. 10	680092.5	4861185.1		20.43	62.12	1031.46	0.64	21.04	37.02
263	Light Ind. 11	680071.6	4861246.6		20.46	62.21	1031.50	0.64	21.04	36.93
264	Light Ind. 12	680021.4	4861186.9		20.50	62.33	1031.54	0.64	21.04	36.71
265	Future Industrial 7	680816.2	4860219.3		20.09	60.94	1032.44	1.61	20.83	43.35
266	Future Industrial 8	680398.0	4860731.8	21.59	66.18	1033.07	1.16	21.04	41.11	
267	Future Industrial 1	680359.6	4859959.2	20.10	60.98	1031.08	1.27	20.77	41.70	
268	Future Industrial 2	680083.7	4859985.7	20.21	61.35	1031.22	0.39	20.78	37.13	
269	Future Industrial 3	680819.9	4860705.3	21.10	64.45	1032.38	0.86	20.87	39.64	
270	Future Industrial 4	681070.0	4859937.2	20.21	61.37	1031.26	0.63	20.72	38.50	
271	Future Industrial 5	679898.8	4860067.4	20.39	61.96	1031.42	0.40	20.80	36.68	
272	Future Industrial 6	680134.8	4860694.1	20.84	63.55	1032.07	0.58	20.98	37.48	



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.30	58.20	1030.00		20.40	35.39
273	Future Industrial 11	680253.7	4860255.2		20.46	62.22	1031.50	0.93	20.85	40.02
274	Future Industrial 12	679901.2	4860511.8		20.32	61.72	1031.32	0.48	20.88	36.90
275	Commercial Farmer	679867.8	4860445.4		20.27	61.54	1031.25	0.48	20.86	36.68
276	Farmer	679277.0	4859981.5		20.12	61.05	1031.07	0.36	20.76	36.21
277	Residence	679387.2	4860648.9		20.36	61.86	1031.37	0.46	20.86	36.32
278	Barn	679261.9	4860574.2		20.21	61.37	1031.20	0.43	20.83	36.11
279	Residence	680150.7	4861295.7		20.38	61.93	1031.41	0.64	21.03	37.26
280	Residence	679939.8	4861213.4		20.56	62.55	1031.62	0.63	21.03	36.43
281	Farmer	680855.7	4861456.9		20.56	62.54	1031.62	0.48	20.86	36.89
282	Farmer	681386.2	4861673.3		20.42	62.08	1031.45	0.38	20.77	36.35
283	Residence	680683.5	4861597.9		20.41	62.04	1031.45	0.51	20.89	36.93
284	Business	680064.3	4861343.7		20.52	62.40	1031.57	0.63	21.03	36.87
285	Farmer	679680.1	4861213.5		20.69	62.99	1031.79	0.58	20.98	36.16
286	Farmer	681344.8	4861792.9		20.22	61.39	1031.20	0.39	20.78	36.17
287	Youth Centre	685644.2	4864814.8		19.70	59.58	1030.51	0.13	20.53	35.53
288	Bowmanville Arena	685462.9	4864615.2		19.70	59.57	1030.51	0.14	20.53	35.54
289	Bowmanville Rec Complex	684160.3	4864604.5		19.75	59.76	1030.58	0.17	20.57	35.58
290	Recreation Complex	684586.6	4862406.3		19.71	59.61	1030.53	0.17	20.57	35.57
291	Superdog Central	681487.7	4865723.3		19.58	59.18	1030.37	0.26	20.66	35.67
292	Equestrian Centre	681567.1	4863670.7		19.90	60.27	1030.77	0.33	20.72	35.79
293	Flea Market	678574.6	4862819.4		19.95	60.44	1030.84	0.32	20.72	35.72
294	Equestrian Centre	680030.8	4867320.2		19.51	58.92	1030.27	0.20	20.60	35.60
295	Courtice Community Centre	678099.3	4864629.8		19.66	59.45	1030.47	0.25	20.65	35.64
296	Former Restaurant	679830.2	4860702.2		20.25	61.49	1031.24	0.53	20.93	36.62
297	Commercial	679364.8	4861016.0		20.57	62.59	1031.64	0.49	20.89	35.96
298	GM Oshawa Headquarters	676418.3	4860463.7		19.86	60.13	1030.72	0.24	20.64	35.64
299	Farm A?	682972.3	4862201.9		19.88	60.20	1030.76	0.24	20.63	35.77
300	Farm B?	683546.9	4861959.7		19.87	60.18	1030.74	0.21	20.61	35.62
301	Farm C?	682547.5	4862321.1		20.07	60.85	1030.99	0.27	20.66	35.90
302	Farm D?	683238.3	4862393.3		19.84	60.05	1030.70	0.22	20.62	35.71
303	Farm E?	682512.6	4862858.0		20.02	60.67	1030.92	0.26	20.65	35.74
304	Farm F?	683129.1	4863649.4		19.93	60.37	1030.81	0.21	20.61	35.62
305	Bennett 1	688209.3	4862512.1		19.56	59.10	1030.34	0.12	20.52	35.51
306	Bennett 2	687990.0	4863221.3		19.54	59.03	1030.31	0.11	20.51	35.51



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
307	Bennett 3	688818.4	4862836.3		19.55	59.07	1030.33	0.11	20.51	35.51
308	Bennett 4	689045.1	4863365.5		19.57	59.14	1030.35	0.11	20.50	35.50
309	Bennett 5	688270.5	4863763.1		19.55	59.06	1030.32	0.10	20.50	35.49
310	Bennett 6	689908.5	4863100.5		19.52	58.95	1030.28	0.10	20.50	35.50
311	Bennett 7	688929.9	4864392.0		19.69	59.53	1030.50	0.13	20.53	35.53
312	Bennett 8	689684.2	4863837.7		19.53	59.00	1030.30	0.10	20.50	35.49
313	Soper 1	687557.9	4862512.4		19.59	59.20	1030.37	0.12	20.52	35.52
314	Soper 2	687241.9	4863171.7		19.57	59.12	1030.34	0.11	20.51	35.51
315	Soper 3	687023.2	4863903.8		19.62	59.32	1030.42	0.11	20.51	35.51
316	Soper 4	688158.2	4865389.3		19.57	59.12	1030.35	0.12	20.52	35.52
317	Soper 5	685027.3	4868253.9		19.56	59.11	1030.34	0.13	20.53	35.53
318	Soper 6	687287.4	4867037.3		19.51	58.92	1030.27	0.11	20.50	35.50
319	Soper 7	685683.2	4867148.1		19.53	58.99	1030.29	0.13	20.53	35.53
320	Soper 8	686748.7	4865874.7		19.59	59.21	1030.37	0.11	20.51	35.51
321	Bowmanville 1	687026.3	4862368.4		19.61	59.25	1030.39	0.13	20.53	35.53
322	Bowmanville 2	686625.7	4863020.3		19.57	59.14	1030.35	0.12	20.52	35.52
323	Bowmanville 3	683380.3	4865365.9		19.75	59.74	1030.57	0.20	20.60	35.61
324	Bowmanville 4	683111.4	4867150.3		19.72	59.64	1030.54	0.18	20.58	35.58
325	Bowmanville 5	682452.2	4869417.5		19.46	58.75	1030.21	0.15	20.55	35.55
326	Bowmanville 6	684778.5	4864888.2		19.60	59.22	1030.39	0.15	20.55	35.56
327	Bowmanville 7	684549.5	4866404.4		19.58	59.15	1030.35	0.16	20.55	35.56
328	Upper Tooley 1	679944.8	4864883.1		19.68	59.52	1030.49	0.30	20.69	35.71
329	Upper Tooley 2	679055.1	4863885.8		19.70	59.58	1030.51	0.28	20.67	35.67
330	Upper Tooley 3	679714.0	4862767.4		19.95	60.46	1030.84	0.42	20.82	35.89
331	Upper Tooley 4	678898.8	4861800.6		20.36	61.85	1031.36	0.42	20.82	35.82
332	Upper Tooley 5	680353.5	4862156.5		20.20	61.31	1031.17	0.49	20.89	36.69
333	Upper Tooley 6	679818.1	4861625.7		20.24	61.43	1031.20	0.58	20.98	36.15
334	Robinson 1	678434.8	4860943.1		20.21	61.36	1031.18	0.33	20.73	35.73
335	Robinson 2	677752.6	4861240.6		20.05	60.80	1030.97	0.33	20.73	35.74
336	Robinson 3	677642.2	4861787.2		19.93	60.39	1030.82	0.35	20.75	35.76
337	Robinson 4	678532.7	4862143.6		20.19	61.26	1031.14	0.36	20.76	35.75
338	Robinson 5	678005.1	4862784.9		20.01	60.65	1030.92	0.38	20.77	35.78
339	Robinson 6	677882.7	4860587.7		19.99	60.59	1030.89	0.30	20.69	35.71
340	F/B 1	677443.1	4867862.1		19.52	58.96	1030.29	0.22	20.62	35.61



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.30	58.20	1030.00		20.40	35.39
341	F/B 2	679667.4	4866611.4		19.62	59.30	1030.41	0.22	20.61	35.62
342	F/B 3	678655.0	4867470.1		19.64	59.37	1030.44	0.21	20.61	35.60
343	F/B 4	676191.2	4866844.7		19.53	58.99	1030.30	0.22	20.62	35.61
344	F/B 5	678273.3	4866093.0		19.60	59.25	1030.39	0.23	20.63	35.62
345	F/B 6	681241.2	4867098.8		19.55	59.07	1030.32	0.21	20.60	35.61
346	F/B 7	682165.3	4868082.3		19.49	58.87	1030.25	0.18	20.57	35.58
347	F/B 8	679366.6	4868628.3		19.55	59.05	1030.32	0.19	20.59	35.58
348	F/B 9	680310.1	4869967.1		19.45	58.71	1030.19	0.18	20.58	35.57
349	F/B 10	676487.3	4869291.6		19.59	59.20	1030.37	0.19	20.59	35.59
350	F/B 11	676851.4	4865409.3		19.59	59.21	1030.38	0.27	20.66	35.66
351	F/B 12	681153.3	4868682.2		19.49	58.85	1030.24	0.17	20.57	35.57
352	F/B 13	675416.3	4859833.9		19.87	60.15	1030.73	0.25	20.65	35.65
353	Second 1	675153.4	4860552.8		19.68	59.51	1030.49	0.18	20.58	35.57
354	Second 2	675297.5	4860891.3		19.65	59.42	1030.46	0.19	20.59	35.59
355	Second 3	675647.2	4860644.9		19.70	59.60	1030.52	0.19	20.59	35.59
356	Second 4	675670.5	4860076.5		19.84	60.08	1030.70	0.23	20.63	35.63
357	Second 5	676043.3	4860319.1		19.73	59.69	1030.56	0.23	20.62	35.62
358	Second 6	675923.4	4859821.4		19.91	60.30	1030.78	0.26	20.65	35.66
359	McLaughlin Bay 1	676714.7	4860903.8		19.76	59.78	1030.59	0.23	20.63	35.63
360	McLaughlin Bay 2	677310.8	4860528.2		20.01	60.66	1030.92	0.28	20.67	35.68
361	McLaughlin Bay 3	676563.5	4860260.1	19.89	60.23	1030.76	0.25	20.65	35.65	
362	McLaughlin Bay 4	676699.5	4859696.6	20.58	62.61	1031.64	0.31	20.70	35.72	
363	McLaughlin Bay 5	677560.0	4860060.1	20.18	61.25	1031.14	0.29	20.68	35.69	



Appendix H - 3: Maximum 24-Hour Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	19.30	58.20	1030.00		20.40	35.39
364	McLaughlin Bay 6	678204.5	4859832.5		19.92	60.34	1030.80	0.26	20.66	35.70
365	Harmony Creek 1	674178.3	4861024.2		19.52	58.95	1030.28	0.17	20.57	35.56
366	Harmony Creek 2	674592.0	4862605.3		19.56	59.09	1030.33	0.16	20.56	35.56
367	Harmony Creek 3	672863.4	4862808.0		19.50	58.91	1030.26	0.15	20.55	35.55
368	Harmony Creek 4	675671.6	4864469.0		19.79	59.89	1030.63	0.21	20.61	35.60
369	Harmony Creek 5	672443.1	4864713.0		19.49	58.84	1030.24	0.13	20.52	35.52
370	Harmony Creek 6	674830.5	4866909.6		19.54	59.01	1030.30	0.16	20.56	35.56
371	Harmony Creek 7	675799.9	4868594.1		19.55	59.07	1030.33	0.19	20.58	35.58
372	Westside 1	686082.6	4862776.6		19.60	59.25	1030.39	0.13	20.53	35.53
373	Westside 2	685778.7	4862137.9		19.68	59.51	1030.49	0.14	20.54	35.54
374	Westside 3	685084.2	4862827.4		19.62	59.32	1030.42	0.15	20.55	35.55
375	Darlington 1	680977.5	4865674.4		19.62	59.29	1030.41	0.27	20.67	35.68
376	Darlington 2	680913.9	4863967.1		19.78	59.84	1030.61	0.36	20.75	35.78
377	Darlington 3	682602.8	4863659.6		20.15	61.12	1031.09	0.23	20.63	35.66
378	Darlington 4	682206.4	4862910.4		20.20	61.29	1031.15	0.28	20.67	35.72
379	Darlington 5	683223.2	4861114.0		20.05	60.80	1030.97	0.22	20.62	35.63
380	Darlington 6	683947.7	4862362.0		19.86	60.13	1030.72	0.19	20.59	35.60
381	Darlington 7	685361.9	4861143.4		19.75	59.76	1030.58	0.14	20.54	35.55
382	Bennett ECO/HH	688606.4	4862634.8		19.54	59.03	1030.31	0.11	20.51	35.51
383	Oshawa ECO/HH	673884.9	4859128.9		19.84	60.07	1030.70	0.19	20.59	35.59
384	Oshawa Creek 1	671671.2	4862793.7		19.49	58.85	1030.24	0.14	20.54	35.54
385	Oshawa Creek 2	671668.5	4861589.5		19.44	58.68	1030.18	0.12	20.52	35.52
386	Oshawa Creek 3	672820.2	4861287.2		19.45	58.72	1030.20	0.14	20.54	35.53
387	Oshawa Creek 4	672360.3	4860262.6		19.51	58.93	1030.27	0.14	20.54	35.53
388	Oshawa Creek 5	673921.2	4860115.0		19.55	59.06	1030.32	0.17	20.57	35.56
389	Oshawa Creek 6	673154.0	4859421.9		19.71	59.60	1030.52	0.18	20.58	35.58
390	Farmer	677409.8	4861051.4		20.40	61.99	1031.41	0.31	20.71	35.72
391	Commercial Market	688276.3	4864698.5		19.63	59.33	1030.42	0.12	20.52	35.51



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
1	Campground 10	678526.8	4859996.8		5.95	37.09	631.70	9.38E-03	9.79	21.29
2	ECO 2	675490.4	4860360.1		5.94	37.05	631.68	5.90E-03	9.78	21.28
3	Recreational 5	681642.0	4860349.3		5.96	37.13	631.72	0.02	9.79	21.34
4	ECO 4	676831.5	4859840.9		5.94	37.07	631.69	7.83E-03	9.79	21.29
5	Bow. Valley Cons. 3	685767.2	4863879.0		5.94	37.05	631.69	6.19E-03	9.79	21.28
6	ECO 6	679647.8	4859989.3		5.94	37.06	631.69	0.01	9.79	21.31
7	ECO 7	681578.8	4862070.1		5.98	37.18	631.73	0.02	9.79	21.30
8	ECO 8	679735.5	4861048.6		5.96	37.13	631.72	0.02	9.79	21.31
9	ECO 9	687219.7	4864249.3		5.94	37.05	631.68	5.37E-03	9.78	21.28
10	ECO 10	686519.0	4861987.6		5.94	37.07	631.69	6.79E-03	9.79	21.28
11	ECO 11	679870.4	4859737.9		5.93	37.04	631.69	0.01	9.78	21.32
12	Recreational 4	681575.5	4860557.7		5.96	37.13	631.72	0.02	9.79	21.34
13	Future Industrial 9	680704.5	4859857.8		5.94	37.08	631.72	0.04	9.79	21.45
14	Future Industrial 10	680608.0	4860719.6		5.94	37.09	631.73	0.07	9.80	21.59
15	Harmony Creek	673992.4	4865641.4		5.93	37.03	631.67	3.73E-03	9.78	21.28
16	Farewell Creek	678079.2	4868822.7		5.93	37.03	631.67	4.58E-03	9.78	21.28
17	Farmer	681378.6	4860335.0		5.96	37.12	631.72	0.03	9.79	21.37
18	Watson Farm	682883.4	4864219.7		5.95	37.09	631.70	9.94E-03	9.79	21.29
19	Racanski Farm	678929.2	4865530.2		5.94	37.04	631.68	6.03E-03	9.78	21.28
20	Zoo	687216.8	4864835.3		5.94	37.05	631.68	5.72E-03	9.78	21.28
21	Cedar Crest Beach	686652.1	4861660.9		5.95	37.08	631.69	7.77E-03	9.79	21.28
22	Darlington Prov Park Beach	677844.6	4859718.2		5.94	37.06	631.69	7.76E-03	9.79	21.29
23	OPG 1	682258.1	4860045.0		5.96	37.12	631.71	0.01	9.79	21.31
24	OPG 2	682551.4	4859889.1		5.96	37.12	631.71	0.01	9.79	21.30
25	OPG 3	682824.6	4859759.3		5.96	37.12	631.71	0.01	9.79	21.29
26	OPG 4	683021.6	4859937.3		5.96	37.12	631.71	0.01	9.79	21.29
27	OPG 5	683318.2	4859677.8		5.95	37.11	631.70	1.00E-02	9.79	21.29
28	OPG 6	683306.9	4860023.0		5.96	37.12	631.71	0.01	9.79	21.29
29	OPG 7	683718.6	4859915.8		5.96	37.11	631.71	0.01	9.79	21.29
30	OPG 8	682702.0	4859998.6		5.96	37.12	631.71	0.01	9.79	21.30
31	OPG 9	684347.7	4861184.6		5.95	37.10	631.70	9.33E-03	9.79	21.29



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
32	OPG 10	682157.2	4861228.2		5.96	37.13	631.72	0.01	9.79	21.30
33	St. Mary s 1	684557.0	4861070.0		5.95	37.10	631.70	9.60E-03	9.79	21.29
34	St. Mary s 2	684657.3	4861320.8		5.95	37.09	631.70	8.59E-03	9.79	21.29
35	St. Mary s 3	684905.3	4861154.4		5.95	37.09	631.70	8.50E-03	9.79	21.29
36	Court. Subdivision 1	677328.4	4862976.1		5.94	37.05	631.68	6.74E-03	9.79	21.28
37	Court. Subdivision 2	676187.9	4862611.1		5.94	37.05	631.68	6.26E-03	9.79	21.28
38	Court. Subdivision 3	675974.8	4863484.1		5.94	37.04	631.68	5.09E-03	9.78	21.28
39	Court. Subdivision 4	676606.1	4863214.1		5.94	37.04	631.68	5.69E-03	9.78	21.28
40	Court. Subdivision 5	676827.1	4863591.4		5.93	37.04	631.68	5.62E-03	9.78	21.28
41	Court. Subdivision 6	677200.4	4864074.9		5.93	37.03	631.68	5.32E-03	9.78	21.28
42	Court. Subdivision 7	677719.8	4863625.1		5.94	37.04	631.68	5.70E-03	9.78	21.28
43	Court. Subdivision 8	678271.6	4864200.6		5.93	37.04	631.68	5.31E-03	9.78	21.28
44	Court. Subdivision 9	678184.4	4863373.6		5.94	37.05	631.68	5.93E-03	9.78	21.28
45	Court. Subdivision 10	677179.7	4862499.5		5.94	37.06	631.69	7.32E-03	9.79	21.28
46	Bow. Subdivision 1	683536.7	4864215.2		5.95	37.08	631.70	9.06E-03	9.79	21.29
47	Bow. Subdivision 2	683770.0	4863915.1		5.95	37.08	631.69	8.66E-03	9.79	21.29
48	Bow. Subdivision 3	683671.0	4863534.1		5.95	37.09	631.70	9.35E-03	9.79	21.29
49	Bow. Subdivision 4	684501.9	4863847.4		5.94	37.07	631.69	7.90E-03	9.79	21.28
50	Bow. Subdivision 5	684242.9	4863518.8		5.95	37.07	631.69	8.13E-03	9.79	21.29
51	Bow. Subdivision 6	684271.4	4863201.5		5.95	37.08	631.69	7.77E-03	9.79	21.29
52	Bow. Subdivision 7	683992.6	4862628.1		5.95	37.09	631.70	8.47E-03	9.79	21.29
53	Bow. Subdivision 8	684608.2	4862956.8		5.95	37.08	631.69	7.09E-03	9.79	21.28
54	Bow. Subdivision 9	684777.3	4863330.5		5.94	37.07	631.69	6.97E-03	9.79	21.28
55	Bow. Subdivision 10	685266.0	4863243.1		5.94	37.07	631.69	6.35E-03	9.79	21.28
56	Osh/Court Subdivision 1	677396.8	4860977.3		5.96	37.12	631.71	0.01	9.79	21.29
57	Osh/Court Subdivision 2	676633.5	4860816.8		5.95	37.08	631.70	8.40E-03	9.79	21.29
58	Osh/Court Subdivision 3	676916.0	4861925.0		5.94	37.07	631.69	8.07E-03	9.79	21.29
59	Osh/Court Subdivision 4	676730.5	4861317.1		5.95	37.09	631.70	9.18E-03	9.79	21.29
60	Osh/Court Subdivision 5	676087.2	4861392.3		5.95	37.08	631.69	7.91E-03	9.79	21.29
61	Osh/Court Subdivision 6	676177.1	4861722.2		5.94	37.07	631.69	7.25E-03	9.79	21.28
62	Osh/Court Subdivision 7	675670.7	4861783.2		5.94	37.07	631.69	6.74E-03	9.79	21.28



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
63	Osh/Court Subdivision 8	676050.8	4862055.7		5.94	37.07	631.69	7.23E-03	9.79	21.28
64	Osh/Court Subdivision 9	676636.9	4862134.3		5.94	37.07	631.69	7.54E-03	9.79	21.28
65	Osh/Court Subdivision 10	676571.3	4861634.8		5.95	37.08	631.69	7.78E-03	9.79	21.29
66	Bow. Subdivision 11	684649.2	4863182.7		5.94	37.07	631.69	6.97E-03	9.79	21.28
67	Daycare B	685172.4	4863933.1		5.94	37.06	631.69	6.91E-03	9.79	21.28
68	Daycare C	685452.0	4863104.4		5.94	37.06	631.69	6.10E-03	9.78	21.28
69	Daycare D	685527.7	4864693.3		5.94	37.06	631.69	7.04E-03	9.79	21.28
70	Daycare E	685735.4	4864790.8		5.94	37.06	631.69	6.90E-03	9.79	21.28
71	Daycare F	685520.3	4864854.3		5.94	37.06	631.69	7.02E-03	9.79	21.28
72	Daycare G	685441.9	4864878.0		5.94	37.06	631.69	7.04E-03	9.79	21.28
73	Daycare H	686364.8	4864707.8		5.94	37.05	631.68	6.28E-03	9.79	21.28
74	Daycare I	685721.6	4865127.3		5.94	37.06	631.69	6.83E-03	9.79	21.28
75	Daycare J	678256.3	4863565.4		5.94	37.04	631.68	5.62E-03	9.78	21.28
76	Daycare K	677694.1	4864043.7		5.93	37.04	631.68	5.27E-03	9.78	21.28
77	Daycare L	676479.5	4862526.2		5.94	37.06	631.69	6.59E-03	9.79	21.28
78	Daycare M	678320.9	4864763.5		5.93	37.04	631.68	5.16E-03	9.78	21.28
79	Daycare N	678513.4	4865058.0		5.93	37.04	631.68	5.53E-03	9.78	21.28
80	Daycare O	672788.7	4863936.6		5.93	37.03	631.68	4.56E-03	9.78	21.28
81	Daycare P	673952.8	4863592.5		5.93	37.03	631.68	4.85E-03	9.78	21.28
82	Daycare Q	671751.8	4864887.7		5.93	37.03	631.67	3.99E-03	9.78	21.28
83	Daycare R	685714.4	4864667.4		5.94	37.06	631.69	6.95E-03	9.79	21.28
84	Daycare S	684177.9	4863618.2		5.95	37.08	631.69	8.30E-03	9.79	21.29
85	Daycare T	678423.6	4864480.4		5.93	37.04	631.68	5.28E-03	9.78	21.28
86	Daycare U	685330.5	4863435.1		5.94	37.06	631.69	6.41E-03	9.79	21.28
87	Daycare V	685153.2	4863236.9		5.94	37.07	631.69	6.48E-03	9.79	21.28
88	Daycare W	672679.0	4862044.9		5.94	37.04	631.68	5.21E-03	9.78	21.28
89	Daycare X	672076.5	4865285.8		5.93	37.03	631.67	3.81E-03	9.78	21.28
90	Daycare Y	672638.0	4859664.4		5.93	37.03	631.68	4.74E-03	9.78	21.28
91	Daycare Z	673735.9	4858958.0		5.94	37.04	631.68	5.07E-03	9.78	21.28
92	Daycare AA	673121.8	4863385.9		5.93	37.03	631.68	4.91E-03	9.78	21.28
93	Daycare BB	673904.8	4862282.2	5.94	37.05	631.68	5.49E-03	9.78	21.28	



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
94	Daycare CC	671471.6	4861795.3		5.93	37.03	631.68	4.87E-03	9.78	21.28
95	Daycare DD	673057.3	4862625.6		5.94	37.04	631.68	5.17E-03	9.78	21.28
96	Daycare EE	674917.1	4863957.2		5.93	37.04	631.68	4.70E-03	9.78	21.28
97	Daycare FF	671356.6	4862954.4		5.93	37.04	631.68	4.88E-03	9.78	21.28
98	Daycare GG	671675.5	4862705.8		5.93	37.04	631.68	4.96E-03	9.78	21.28
99	Daycare HH	671604.8	4860138.1		5.93	37.03	631.68	4.65E-03	9.78	21.28
100	Daycare II	670945.2	4857983.8		5.93	37.02	631.67	3.77E-03	9.78	21.28
101	Daycare JJ	677514.6	4864744.1		5.93	37.03	631.68	4.78E-03	9.78	21.28
102	Daycare KK	676519.9	4862680.1		5.94	37.05	631.68	6.30E-03	9.79	21.28
103	Daycare LL	677660.6	4863601.3		5.94	37.04	631.68	5.75E-03	9.78	21.28
104	Court. Subdivision 11	677665.8	4863406.6		5.94	37.04	631.68	6.06E-03	9.78	21.28
105	Daycare NN	674866.3	4864667.2		5.93	37.03	631.68	4.29E-03	9.78	21.28
106	Daycare OO	673201.0	4864746.4		5.93	37.03	631.68	4.07E-03	9.78	21.28
107	Daycare PP	674794.5	4864915.4		5.93	37.03	631.68	4.14E-03	9.78	21.28
108	Hospital	686324.2	4864395.8		5.94	37.05	631.68	6.24E-03	9.79	21.28
109	Hospital (Children s)	676057.8	4862180.9		5.94	37.06	631.69	7.16E-03	9.79	21.28
110	Hospital	671233.2	4863615.9		5.93	37.03	631.68	4.71E-03	9.78	21.28
111	Comm. Resp. Services	676045.4	4863902.5		5.93	37.04	631.68	5.02E-03	9.78	21.28
112	Hospital	671712.7	4862364.1		5.93	37.04	631.68	5.00E-03	9.78	21.28
113	Retirement Residence A	684199.9	4864120.3		5.94	37.07	631.69	8.00E-03	9.79	21.29
114	Retirement Residence B	685483.9	4865150.9		5.94	37.06	631.69	6.92E-03	9.79	21.28
115	Retirement Residence C	686844.0	4864732.1		5.94	37.05	631.68	5.98E-03	9.78	21.28
116	Retirement Residence D	673481.7	4863343.4		5.93	37.03	631.68	4.97E-03	9.78	21.28
117	Retirement Residence E	671825.2	4864399.0		5.93	37.03	631.67	4.23E-03	9.78	21.28
118	Retirement Residence F	671606.3	4864536.0		5.93	37.03	631.67	4.16E-03	9.78	21.28
119	Retirement Residence G	671357.1	4862958.7		5.93	37.04	631.68	4.88E-03	9.78	21.28
120	Retirement Residence H	671514.0	4862262.9		5.93	37.03	631.68	4.98E-03	9.78	21.28
121	Retirement Residence I	672602.2	4863075.9		5.93	37.04	631.68	5.02E-03	9.78	21.28
122	Retirement Residence J	671719.1	4862893.1		5.93	37.04	631.68	4.93E-03	9.78	21.28
123	Retirement Residence K	686718.0	4865648.7		5.94	37.05	631.68	6.20E-03	9.79	21.28
124	Retirement Residence L	676168.7	4865669.9		5.93	37.03	631.68	4.40E-03	9.78	21.28



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
125	Retirement Residence M	676118.5	4863980.7		5.93	37.03	631.68	5.02E-03	9.78	21.28
126	Bow. Subdivision 12	684649.2	4863182.7		5.94	37.07	631.69	6.97E-03	9.79	21.28
127	Primary School B	685384.8	4863575.3		5.94	37.06	631.69	6.44E-03	9.79	21.28
128	Primary School C	685021.6	4863952.9		5.94	37.06	631.69	7.15E-03	9.79	21.28
129	Primary School D	686237.0	4864085.5		5.94	37.05	631.68	6.04E-03	9.78	21.28
130	Primary School E	686719.0	4863734.7		5.94	37.05	631.68	5.31E-03	9.78	21.28
131	Primary School F	686357.0	4864754.9		5.94	37.05	631.68	6.28E-03	9.79	21.28
132	Primary School G	685502.0	4865013.4		5.94	37.06	631.69	6.98E-03	9.79	21.28
133	Primary School H	686726.7	4866061.5		5.94	37.05	631.68	6.14E-03	9.79	21.28
134	Primary School I	685186.2	4866568.2		5.94	37.05	631.68	6.76E-03	9.79	21.28
135	Primary School J	685965.3	4866979.0		5.94	37.05	631.68	6.15E-03	9.79	21.28
136	Primary School K	677709.9	4864726.5		5.93	37.03	631.68	4.75E-03	9.78	21.28
137	Primary School L	675988.3	4864270.2		5.93	37.03	631.68	4.85E-03	9.78	21.28
138	Primary School M	676608.7	4862739.0		5.94	37.05	631.68	6.25E-03	9.79	21.28
139	Primary School N	677222.2	4863759.1		5.93	37.04	631.68	5.58E-03	9.78	21.28
140	Primary School O	678154.9	4863872.7		5.93	37.04	631.68	5.23E-03	9.78	21.28
141	Court. Subdivision 12	678309.6	4863600.8		5.94	37.04	631.68	5.55E-03	9.78	21.28
142	Primary School Q	677010.6	4862470.6		5.94	37.06	631.69	7.15E-03	9.79	21.28
143	Primary School R	677431.3	4866694.7		5.93	37.03	631.68	4.48E-03	9.78	21.28
144	Primary School S	675266.2	4863562.9		5.94	37.04	631.68	5.09E-03	9.78	21.28
145	Primary School T	673479.2	4860029.4		5.93	37.03	631.68	4.81E-03	9.78	21.28
146	Primary School U	670856.0	4860710.6		5.93	37.03	631.68	4.69E-03	9.78	21.28
147	Primary School V	672660.2	4863909.2		5.93	37.03	631.68	4.59E-03	9.78	21.28
148	Primary School W	672735.2	4859232.9		5.93	37.03	631.68	4.93E-03	9.78	21.28
149	Primary School X	673575.8	4862688.6		5.94	37.04	631.68	5.29E-03	9.78	21.28
150	Primary School Y	673710.3	4861969.0		5.94	37.05	631.68	5.38E-03	9.78	21.28
151	Primary School Z	672366.0	4859928.1		5.93	37.03	631.68	4.64E-03	9.78	21.28
152	Primary School AA	672561.7	4866047.1		5.93	37.03	631.67	3.59E-03	9.78	21.28
153	Primary School BB	675095.1	4862930.4		5.94	37.04	631.68	5.53E-03	9.78	21.28
154	Primary School CC	673242.6	4865197.9		5.93	37.03	631.68	3.90E-03	9.78	21.28
155	Primary School DD	674164.9	4863031.3		5.93	37.04	631.68	5.24E-03	9.78	21.28



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
156	Primary School EE	671905.6	4864697.8		5.93	37.03	631.67	4.08E-03	9.78	21.28
157	Primary School FF	673294.9	4858774.5		5.93	37.03	631.68	4.60E-03	9.78	21.28
158	Primary School GG	671659.7	4863120.0		5.93	37.04	631.68	4.90E-03	9.78	21.28
159	Primary School HH	673853.4	4866711.0		5.93	37.02	631.67	3.56E-03	9.78	21.28
160	Primary School II	672616.7	4862114.9		5.94	37.04	631.68	5.21E-03	9.78	21.28
161	Primary School JJ	673567.2	4861899.5		5.94	37.04	631.68	5.34E-03	9.78	21.28
162	Primary School KK	671791.0	4861954.2		5.93	37.03	631.68	5.04E-03	9.78	21.28
163	Primary School LL	673762.3	4864210.6		5.93	37.03	631.68	4.42E-03	9.78	21.28
164	Primary School MM	672238.8	4864621.3		5.93	37.03	631.67	4.13E-03	9.78	21.28
165	Primary School NN	673213.6	4858677.0		5.93	37.03	631.68	4.45E-03	9.78	21.28
166	Primary School OO	675474.8	4863221.7		5.94	37.04	631.68	5.46E-03	9.78	21.28
167	Primary School PP	672441.8	4858748.6		5.93	37.03	631.68	4.46E-03	9.78	21.28
168	Primary School QQ	672796.8	4864438.2		5.93	37.03	631.67	4.23E-03	9.78	21.28
169	Primary School RR	671351.4	4863284.0		5.93	37.03	631.68	4.81E-03	9.78	21.28
170	Primary School SS	673213.9	4862125.5		5.94	37.04	631.68	5.27E-03	9.78	21.28
171	Primary School TT	671017.9	4860953.7		5.93	37.03	631.68	4.69E-03	9.78	21.28
172	Primary School UU	670991.0	4861089.8		5.93	37.03	631.67	4.67E-03	9.78	21.28
173	Primary School VV	674150.1	4862294.8		5.94	37.05	631.68	5.58E-03	9.78	21.28
174	Primary School WW	672005.2	4861707.9		5.93	37.03	631.68	5.06E-03	9.78	21.28
175	Primary School XX	684172.1	4863615.6		5.95	37.08	631.69	8.32E-03	9.79	21.29
176	Primary School YY	683923.3	4866636.4		5.94	37.06	631.69	7.21E-03	9.79	21.28
177	Primary School ZZ	680446.0	4865770.5		5.94	37.04	631.68	6.30E-03	9.79	21.28
178	Vacant School	685612.9	4864520.0		5.94	37.06	631.69	6.88E-03	9.79	21.28
179	Secondary School A	686291.4	4865064.3		5.94	37.05	631.68	6.34E-03	9.79	21.28
180	Secondary School B	683875.0	4864741.7		5.94	37.07	631.69	8.41E-03	9.79	21.29
181	Secondary School C	684650.3	4866460.3		5.94	37.05	631.69	7.04E-03	9.79	21.28
182	Secondary School D	678099.5	4864838.2		5.93	37.03	631.68	4.88E-03	9.78	21.28
183	Secondary School E	678467.0	4863431.2		5.94	37.04	631.68	5.98E-03	9.78	21.28
184	Secondary School F	674144.9	4862762.7		5.94	37.04	631.68	5.41E-03	9.78	21.28
185	Secondary School G	673816.0	4864357.1		5.93	37.03	631.68	4.32E-03	9.78	21.28
186	Secondary School H	673145.4	4858569.0		5.93	37.03	631.68	4.35E-03	9.78	21.28



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
187	Secondary School I	671291.7	4863581.3		5.93	37.03	631.68	4.76E-03	9.78	21.28
188	Secondary School J	671443.2	4861664.9		5.93	37.03	631.68	4.84E-03	9.78	21.28
189	Secondary School K	673235.3	4860885.0		5.93	37.03	631.68	5.06E-03	9.78	21.28
190	Secondary School L	684252.7	4866500.5		5.94	37.06	631.69	7.25E-03	9.79	21.28
191	Secondary School M	673914.1	4859551.7		5.94	37.04	631.68	5.32E-03	9.78	21.28
192	Secondary School N	675051.5	4864177.2		5.93	37.03	631.68	4.57E-03	9.78	21.28
193	Adult School	685276.1	4866019.8		5.94	37.05	631.68	6.56E-03	9.79	21.28
194	Bow. Valley Cons. 1	685356.6	4864521.2		5.94	37.06	631.69	6.89E-03	9.79	21.28
195	Bow. Valley Cons. 2	685627.7	4864167.8		5.94	37.06	631.69	6.54E-03	9.79	21.28
196	Bow. Valley Cons. 4	685852.7	4863640.2		5.94	37.06	631.69	5.87E-03	9.78	21.28
197	Bow. Valley Cons. 5	686163.1	4863621.5		5.94	37.05	631.69	5.57E-03	9.78	21.28
198	Bow. Valley Cons. 6	685931.9	4863380.6		5.94	37.06	631.69	5.57E-03	9.78	21.28
199	Maple Grove 1	681688.5	4864717.0		5.94	37.05	631.68	6.85E-03	9.79	21.28
200	Maple Grove 2	681768.9	4864631.8		5.94	37.06	631.69	7.03E-03	9.79	21.28
201	Maple Grove 3	681894.9	4864506.8		5.94	37.06	631.69	7.47E-03	9.79	21.29
202	Maple Grove 4	681974.8	4864443.2		5.94	37.06	631.69	7.83E-03	9.79	21.29
203	Maple Grove 5	681942.2	4864676.7		5.94	37.06	631.69	7.18E-03	9.79	21.28
204	Maple Grove 6	682053.2	4864586.2		5.94	37.06	631.69	7.67E-03	9.79	21.29
205	Maple Grove 7	682168.5	4864631.3		5.94	37.06	631.69	7.88E-03	9.79	21.29
206	Maple Grove 8	682261.7	4864520.9		5.94	37.07	631.69	8.46E-03	9.79	21.29
207	Maple Grove 9	682382.1	4864589.4		5.94	37.07	631.69	8.58E-03	9.79	21.29
208	Maple Grove 10	682459.8	4864499.2	5.95	37.08	631.69	9.07E-03	9.79	21.29	
209	Port Darlington 1	686227.8	4861159.0	5.95	37.08	631.70	8.04E-03	9.79	21.29	
210	Port Darlington 2	686184.8	4861252.0	5.95	37.08	631.70	7.98E-03	9.79	21.29	
211	Port Darlington 3	686151.2	4861286.8	5.95	37.08	631.70	7.85E-03	9.79	21.29	
212	Port Darlington 4	686351.1	4861341.6	5.95	37.08	631.70	7.92E-03	9.79	21.29	
213	Port Darlington 5	686406.8	4861448.7	5.95	37.08	631.70	7.91E-03	9.79	21.29	
214	Port Darlington 6	686504.5	4861604.0	5.95	37.08	631.70	7.84E-03	9.79	21.28	
215	Port Darlington 7	686703.0	4861789.3	5.95	37.08	631.69	7.44E-03	9.79	21.28	
216	Port Darlington 8	686895.8	4861960.2	5.94	37.07	631.69	6.94E-03	9.79	21.28	
217	Port Darlington 9	686867.4	4862119.7	5.94	37.06	631.69	6.51E-03	9.79	21.28	



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
218	Port Darlington 10	687190.7	4862048.8		5.94	37.06	631.69	6.50E-03	9.79	21.28
219	Port Darlington 11	687524.4	4862126.8		5.94	37.06	631.69	6.32E-03	9.79	21.28
220	Campground 1	678646.3	4860337.7		5.97	37.15	631.72	0.01	9.79	21.30
221	Campground 2	678410.2	4860148.6		5.95	37.10	631.71	0.01	9.79	21.29
222	Campground 3	678651.0	4860054.4		5.95	37.09	631.70	9.99E-03	9.79	21.29
223	Campground 4	678725.9	4859860.7		5.95	37.09	631.70	0.01	9.79	21.29
224	Campground 5	678511.1	4859808.6		5.95	37.08	631.70	9.34E-03	9.79	21.29
225	Campground 6	678869.5	4859696.0		5.95	37.08	631.70	9.82E-03	9.79	21.29
226	Campground 7	678723.9	4860201.8		5.96	37.12	631.71	0.01	9.79	21.30
227	Campground 8	678796.0	4860011.4		5.95	37.09	631.70	0.01	9.79	21.29
228	Campground 9	678852.7	4859854.2		5.95	37.09	631.70	0.01	9.79	21.29
229	Solina 1	681099.6	4861677.2		5.97	37.14	631.72	0.02	9.79	21.31
230	Solina 2	681115.7	4861857.7		5.96	37.14	631.72	0.02	9.79	21.31
231	Solina 3	680987.4	4861983.5		5.96	37.12	631.71	0.01	9.79	21.30
232	Solina 4	680965.0	4862068.1		5.96	37.11	631.71	0.01	9.79	21.30
233	Solina 5	681021.5	4862086.7		5.96	37.11	631.71	0.01	9.79	21.30
234	Solina 6	680939.8	4862124.3		5.95	37.11	631.71	0.01	9.79	21.30
235	Solina 7	680988.2	4862183.6		5.95	37.11	631.71	0.01	9.79	21.30
236	Solina 8	680984.6	4862209.8		5.95	37.11	631.71	0.01	9.79	21.30
237	Solina 9	680958.6	4862294.9		5.95	37.10	631.71	0.01	9.79	21.30
238	Solina 10	680858.0	4862324.3		5.95	37.10	631.70	0.01	9.79	21.30
239	Solina 11	680990.3	4862403.5		5.95	37.10	631.70	0.01	9.79	21.29
240	Recreational 1	681545.0	4860865.0		5.96	37.11	631.71	0.02	9.79	21.33
241	Recreational 2	681563.7	4860687.4		5.96	37.12	631.72	0.02	9.79	21.34
242	Recreational 3	681579.7	4860610.0		5.96	37.12	631.72	0.02	9.79	21.34
243	Recreational 6	681876.6	4860254.4		5.96	37.13	631.72	0.02	9.79	21.32
244	Recreational 7	682166.9	4860324.4		5.96	37.14	631.72	0.02	9.79	21.31
245	Darlington 1	679565.4	4861052.9		5.96	37.13	631.71	0.01	9.79	21.31
246	Darlington 2	679452.9	4861051.4	5.96	37.12	631.71	0.01	9.79	21.31	
247	Darlington 3	679130.5	4860948.8	5.97	37.14	631.72	0.01	9.79	21.30	
248	Darlington 4	679112.6	4860941.9	5.97	37.15	631.72	0.01	9.79	21.30	



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
249	Darlington 5	679057.6	4860994.1		5.97	37.14	631.72	0.01	9.79	21.30
250	Darlington 6	679075.2	4860931.6		5.97	37.15	631.72	0.01	9.79	21.30
251	Darlington 7	678814.3	4860843.1		5.97	37.17	631.73	0.02	9.79	21.30
252	Darlington 8	678840.4	4860777.1		5.97	37.17	631.73	0.02	9.79	21.30
253	Light Ind. 1	680000.1	4861034.1		5.95	37.11	631.71	0.02	9.79	21.32
254	Light Ind. 2	680060.7	4861056.4		5.95	37.11	631.71	0.02	9.79	21.32
255	Light Ind. 3	680291.2	4861151.6		5.95	37.10	631.71	0.02	9.79	21.33
256	Light Ind. 4	680536.3	4861204.6		5.95	37.10	631.71	0.02	9.79	21.33
257	Light Ind. 5	680350.4	4861290.6		5.96	37.11	631.71	0.02	9.79	21.32
258	Light Ind. 6	680306.9	4861275.6		5.96	37.11	631.71	0.02	9.79	21.32
259	Light Ind. 7	680267.2	4861262.4		5.95	37.11	631.71	0.02	9.79	21.32
260	Light Ind. 8	680233.6	4861250.7		5.95	37.10	631.71	0.02	9.79	21.32
261	Light Ind. 9	680175.3	4861227.5		5.95	37.10	631.71	0.02	9.79	21.32
262	Light Ind. 10	680092.5	4861185.1		5.95	37.10	631.71	0.01	9.79	21.32
263	Light Ind. 11	680071.6	4861246.6		5.95	37.10	631.71	0.01	9.79	21.31
264	Light Ind. 12	680021.4	4861186.9		5.95	37.11	631.71	0.01	9.79	21.31
265	Future Industrial 7	680816.2	4860219.3		5.94	37.10	631.80	0.13	9.81	21.88
266	Future Industrial 8	680398.0	4860731.8		5.94	37.07	631.72	0.05	9.79	21.48
267	Future Industrial 1	680359.6	4859959.2		5.93	37.05	631.71	0.04	9.79	21.45
268	Future Industrial 2	680083.7	4859985.7		5.93	37.04	631.69	0.02	9.79	21.36
269	Future Industrial 3	680819.9	4860705.3		5.94	37.08	631.72	0.05	9.79	21.51
270	Future Industrial 4	681070.0	4859937.2		5.97	37.16	631.74	0.04	9.80	21.42
271	Future Industrial 5	679898.8	4860067.4		5.94	37.05	631.69	0.02	9.79	21.34
272	Future Industrial 6	680134.8	4860694.1		5.94	37.07	631.71	0.03	9.79	21.39
273	Future Industrial 11	680253.7	4860255.2		5.94	37.07	631.73	0.06	9.79	21.55
274	Future Industrial 12	679901.2	4860511.8		5.95	37.10	631.71	0.02	9.79	21.36
275	Commercial Farmer	679867.8	4860445.4		5.95	37.10	631.71	0.02	9.79	21.36
276	Farmer	679277.0	4859981.5	5.95	37.08	631.70	0.01	9.79	21.30	
277	Residence	679387.2	4860648.9	5.97	37.16	631.73	0.02	9.79	21.32	
278	Barn	679261.9	4860574.2	5.97	37.17	631.73	0.02	9.79	21.31	
279	Residence	680150.7	4861295.7	5.95	37.10	631.71	0.01	9.79	21.32	



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
280	Residence	679939.8	4861213.4		5.95	37.11	631.71	0.01	9.79	21.31
281	Farmer	680855.7	4861456.9		5.96	37.12	631.71	0.02	9.79	21.32
282	Farmer	681386.2	4861673.3		5.98	37.18	631.73	0.02	9.79	21.31
283	Residence	680683.5	4861597.9		5.95	37.11	631.71	0.01	9.79	21.31
284	Business	680064.3	4861343.7		5.95	37.10	631.71	0.01	9.79	21.31
285	Farmer	679680.1	4861213.5		5.96	37.12	631.71	0.01	9.79	21.30
286	Farmer	681344.8	4861792.9		5.97	37.17	631.73	0.02	9.79	21.31
287	Youth Centre	685644.2	4864814.8		5.94	37.06	631.69	6.97E-03	9.79	21.28
288	Bowmanville Arena	685462.9	4864615.2		5.94	37.06	631.69	7.01E-03	9.79	21.28
289	Bowmanville Rec Complex	684160.3	4864604.5		5.94	37.07	631.69	7.93E-03	9.79	21.29
290	Recreation Complex	684586.6	4862406.3		5.95	37.07	631.69	7.15E-03	9.79	21.29
291	Superdog Central	681487.7	4865723.3		5.94	37.04	631.68	6.16E-03	9.78	21.28
292	Equestrian Centre	681567.1	4863670.7		5.94	37.07	631.69	8.67E-03	9.79	21.29
293	Flea Market	678574.6	4862819.4		5.94	37.05	631.69	6.64E-03	9.79	21.28
294	Equestrian Centre	680030.8	4867320.2		5.93	37.03	631.68	5.27E-03	9.78	21.28
295	Courtice Community Com	678099.3	4864629.8		5.93	37.03	631.68	4.92E-03	9.78	21.28
296	Former Restaurant	679830.2	4860702.2		5.95	37.10	631.71	0.02	9.79	21.34
297	Commercial	679364.8	4861016.0		5.96	37.13	631.72	0.01	9.79	21.31
298	GM Oshawa Headquarter	676418.3	4860463.7		5.94	37.07	631.69	7.54E-03	9.79	21.29
299	Farm A?	682972.3	4862201.9		5.96	37.11	631.71	0.01	9.79	21.29
300	Farm B?	683546.9	4861959.7		5.95	37.10	631.70	9.35E-03	9.79	21.29
301	Farm C?	682547.5	4862321.1		5.96	37.13	631.72	0.01	9.79	21.30
302	Farm D?	683238.3	4862393.3		5.95	37.10	631.70	0.01	9.79	21.29
303	Farm E?	682512.6	4862858.0		5.96	37.13	631.71	0.01	9.79	21.29
304	Farm F?	683129.1	4863649.4		5.95	37.10	631.70	0.01	9.79	21.29
305	Bennett 1	688209.3	4862512.1		5.94	37.05	631.68	5.61E-03	9.78	21.28
306	Bennett 2	687990.0	4863221.3		5.94	37.04	631.68	5.14E-03	9.78	21.28
307	Bennett 3	688818.4	4862836.3		5.94	37.04	631.68	5.00E-03	9.78	21.28
308	Bennett 4	689045.1	4863365.5		5.94	37.04	631.68	4.98E-03	9.78	21.28
309	Bennett 5	688270.5	4863763.1		5.94	37.05	631.68	4.94E-03	9.78	21.28
310	Bennett 6	689908.5	4863100.5		5.94	37.04	631.68	4.63E-03	9.78	21.28



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
311	Bennett 7	688929.9	4864392.0		5.94	37.05	631.68	4.95E-03	9.78	21.28
312	Bennett 8	689684.2	4863837.7		5.94	37.04	631.68	4.78E-03	9.78	21.28
313	Soper 1	687557.9	4862512.4		5.94	37.05	631.68	5.60E-03	9.78	21.28
314	Soper 2	687241.9	4863171.7		5.94	37.05	631.68	5.25E-03	9.78	21.28
315	Soper 3	687023.2	4863903.8		5.94	37.05	631.68	5.24E-03	9.78	21.28
316	Soper 4	688158.2	4865389.3		5.94	37.04	631.68	5.53E-03	9.78	21.28
317	Soper 5	685027.3	4868253.9		5.94	37.05	631.68	6.54E-03	9.79	21.28
318	Soper 6	687287.4	4867037.3		5.94	37.05	631.68	5.92E-03	9.78	21.28
319	Soper 7	685683.2	4867148.1		5.94	37.05	631.68	6.41E-03	9.79	21.28
320	Soper 8	686748.7	4865874.7		5.94	37.05	631.68	6.12E-03	9.79	21.28
321	Bowmanville 1	687026.3	4862368.4		5.94	37.05	631.69	5.77E-03	9.78	21.28
322	Bowmanville 2	686625.7	4863020.3		5.94	37.05	631.68	5.34E-03	9.78	21.28
323	Bowmanville 3	683380.3	4865365.9		5.94	37.07	631.69	8.41E-03	9.79	21.29
324	Bowmanville 4	683111.4	4867150.3		5.94	37.04	631.68	5.86E-03	9.78	21.28
325	Bowmanville 5	682452.2	4869417.5		5.93	37.03	631.68	4.60E-03	9.78	21.28
326	Bowmanville 6	684778.5	4864888.2		5.94	37.06	631.69	7.29E-03	9.79	21.28
327	Bowmanville 7	684549.5	4866404.4		5.94	37.05	631.69	7.08E-03	9.79	21.28
328	Upper Tooley 1	679944.8	4864883.1		5.94	37.05	631.68	6.88E-03	9.79	21.28
329	Upper Tooley 2	679055.1	4863885.8		5.94	37.05	631.68	6.58E-03	9.79	21.28
330	Upper Tooley 3	679714.0	4862767.4		5.95	37.08	631.69	8.96E-03	9.79	21.29
331	Upper Tooley 4	678898.8	4861800.6		5.95	37.10	631.70	0.01	9.79	21.29
332	Upper Tooley 5	680353.5	4862156.5		5.96	37.11	631.71	0.01	9.79	21.30
333	Upper Tooley 6	679818.1	4861625.7		5.95	37.09	631.70	0.01	9.79	21.30
334	Robinson 1	678434.8	4860943.1		5.97	37.16	631.72	0.01	9.79	21.30
335	Robinson 2	677752.6	4861240.6		5.96	37.11	631.71	0.01	9.79	21.29
336	Robinson 3	677642.2	4861787.2		5.95	37.08	631.70	9.15E-03	9.79	21.29
337	Robinson 4	678532.7	4862143.6		5.95	37.08	631.70	9.36E-03	9.79	21.29
338	Robinson 5	678005.1	4862784.9		5.94	37.06	631.69	7.48E-03	9.79	21.28
339	Robinson 6	677882.7	4860587.7		5.96	37.13	631.71	0.01	9.79	21.29
340	F/B 1	677443.1	4867862.1		5.93	37.03	631.67	4.46E-03	9.78	21.28
341	F/B 2	679667.4	4866611.4		5.93	37.03	631.68	5.69E-03	9.78	21.28



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
342	F/B 3	678655.0	4867470.1		5.93	37.03	631.68	5.16E-03	9.78	21.28
343	F/B 4	676191.2	4866844.7		5.93	37.03	631.67	4.11E-03	9.78	21.28
344	F/B 5	678273.3	4866093.0		5.93	37.03	631.68	5.30E-03	9.78	21.28
345	F/B 6	681241.2	4867098.8		5.93	37.04	631.68	5.67E-03	9.78	21.28
346	F/B 7	682165.3	4868082.3		5.93	37.03	631.68	5.04E-03	9.78	21.28
347	F/B 8	679366.6	4868628.3		5.93	37.03	631.68	4.82E-03	9.78	21.28
348	F/B 9	680310.1	4869967.1		5.93	37.02	631.67	4.38E-03	9.78	21.28
349	F/B 10	676487.3	4869291.6		5.93	37.03	631.67	4.08E-03	9.78	21.28
350	F/B 11	676851.4	4865409.3		5.93	37.03	631.68	4.65E-03	9.78	21.28
351	F/B 12	681153.3	4868682.2		5.93	37.03	631.68	4.99E-03	9.78	21.28
352	F/B 13	675416.3	4859833.9		5.94	37.05	631.68	6.26E-03	9.78	21.28
353	Second 1	675153.4	4860552.8		5.94	37.05	631.68	5.71E-03	9.78	21.28
354	Second 2	675297.5	4860891.3		5.94	37.05	631.68	6.22E-03	9.79	21.28
355	Second 3	675647.2	4860644.9		5.94	37.05	631.69	6.33E-03	9.79	21.28
356	Second 4	675670.5	4860076.5		5.94	37.05	631.68	5.93E-03	9.78	21.28
357	Second 5	676043.3	4860319.1		5.94	37.06	631.69	6.54E-03	9.79	21.28
358	Second 6	675923.4	4859821.4		5.94	37.06	631.69	6.80E-03	9.79	21.28
359	McLaughlin Bay 1	676714.7	4860903.8		5.95	37.09	631.70	8.88E-03	9.79	21.29
360	McLaughlin Bay 2	677310.8	4860528.2		5.95	37.10	631.70	9.90E-03	9.79	21.29



Appendix H - 4: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
361	McLaughlin Bay 3	676563.5	4860260.1		5.94	37.07	631.69	7.25E-03	9.79	21.29
362	McLaughlin Bay 4	676699.5	4859696.6		5.95	37.08	631.69	8.20E-03	9.79	21.29
363	McLaughlin Bay 5	677560.0	4860060.1		5.95	37.08	631.69	8.44E-03	9.79	21.29
364	McLaughlin Bay 6	678204.5	4859832.5		5.94	37.07	631.69	8.35E-03	9.79	21.29
365	Harmony Creek 1	674178.3	4861024.2		5.93	37.04	631.68	5.33E-03	9.78	21.28
366	Harmony Creek 2	674592.0	4862605.3		5.94	37.04	631.68	5.56E-03	9.78	21.28
367	Harmony Creek 3	672863.4	4862808.0		5.94	37.04	631.68	5.12E-03	9.78	21.28
368	Harmony Creek 4	675671.6	4864469.0		5.93	37.03	631.68	4.59E-03	9.78	21.28
369	Harmony Creek 5	672443.1	4864713.0		5.93	37.03	631.67	4.10E-03	9.78	21.28
370	Harmony Creek 6	674830.5	4866909.6		5.93	37.02	631.67	3.72E-03	9.78	21.28
371	Harmony Creek 7	675799.9	4868594.1		5.93	37.02	631.67	3.78E-03	9.78	21.28
372	Westside 1	686082.6	4862776.6		5.94	37.05	631.68	5.70E-03	9.78	21.28
373	Westside 2	685778.7	4862137.9		5.94	37.06	631.69	6.67E-03	9.79	21.28
374	Westside 3	685084.2	4862827.4		5.94	37.07	631.69	6.48E-03	9.79	21.28
375	Darlington 1	680977.5	4865674.4		5.94	37.05	631.68	6.50E-03	9.79	21.28
376	Darlington 2	680913.9	4863967.1		5.94	37.06	631.69	8.17E-03	9.79	21.29
377	Darlington 3	682602.8	4863659.6		5.95	37.11	631.71	0.01	9.79	21.29
378	Darlington 4	682206.4	4862910.4		5.96	37.13	631.72	0.01	9.79	21.29
379	Darlington 5	683223.2	4861114.0		5.97	37.14	631.72	0.01	9.79	21.29
380	Darlington 6	683947.7	4862362.0		5.95	37.09	631.70	8.79E-03	9.79	21.29
381	Darlington 7	685361.9	4861143.4		5.95	37.08	631.70	7.91E-03	9.79	21.29
382	Bennett ECO/HH	688606.4	4862634.8		5.94	37.05	631.68	5.24E-03	9.78	21.28
383	Oshawa ECO/HH	673884.9	4859128.9		5.94	37.04	631.68	5.40E-03	9.78	21.28
384	Oshawa Creek 1	671671.2	4862793.7		5.93	37.04	631.68	4.94E-03	9.78	21.28
385	Oshawa Creek 2	671668.5	4861589.5		5.93	37.03	631.68	4.88E-03	9.78	21.28
386	Oshawa Creek 3	672820.2	4861287.2		5.93	37.03	631.68	5.10E-03	9.78	21.28
387	Oshawa Creek 4	672360.3	4860262.6		5.93	37.03	631.68	4.72E-03	9.78	21.28
388	Oshawa Creek 5	673921.2	4860115.0		5.93	37.03	631.68	4.77E-03	9.78	21.28
389	Oshawa Creek 6	673154.0	4859421.9		5.93	37.04	631.68	5.05E-03	9.78	21.28
390	Farmer	677409.8	4861051.4		5.96	37.12	631.71	0.01	9.79	21.29
391	Commercial Market	688276.3	4864698.5		5.94	37.04	631.68	5.11E-03	9.78	21.28



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m3)	19.52	64.60	1040.00		22.82	86.16
1	Campground 10	678526.8	4859996.8		33.65	113.48	1058.17	6.26	29.02	92.66
2	ECO 2	675490.4	4860360.1		26.87	90.04	1049.46	6.21	29.03	92.37
3	Recreational 5	681642.0	4860349.3		35.84	121.06	1060.99	4.36	27.18	106.45
4	ECO 4	676831.5	4859840.9		26.12	87.43	1048.49	3.01	25.82	89.22
5	Bow. Valley Cons. 3	685767.2	4863879.0		23.55	78.53	1045.18	1.95	24.77	88.14
6	ECO 6	679647.8	4859989.3		33.71	113.70	1058.25	4.61	27.43	100.25
7	ECO 7	681578.8	4862070.1		30.80	103.62	1054.51	4.24	27.04	94.67
8	ECO 8	679735.5	4861048.6		44.44	150.89	1072.09	6.70	29.38	98.85
9	ECO 9	687219.7	4864249.3		22.83	76.07	1044.26	2.68	25.50	88.85
10	ECO 10	686519.0	4861987.6		23.72	79.13	1045.40	2.31	25.13	88.47
11	ECO 11	679870.4	4859737.9		30.84	103.75	1054.55	3.90	26.70	97.11
12	Recreational 4	681575.5	4860557.7		36.21	122.36	1061.46	4.55	27.37	106.14
13	Future Industrial 9	680704.5	4859857.8		47.61	161.77	1076.12	7.35	30.15	119.71
14	Future Industrial 10	680608.0	4860719.6		52.65	179.54	1083.95	13.72	33.37	154.17
15	Harmony Creek	673992.4	4865641.4		21.70	72.15	1042.81	2.48	25.29	88.68
16	Farewell Creek	678079.2	4868822.7		22.06	73.38	1043.26	3.66	26.48	89.82
17	Farmer	681378.6	4860335.0		36.49	123.32	1061.83	6.43	27.38	117.99
18	Watson Farm	682883.4	4864219.7		25.56	85.49	1047.76	4.29	27.10	90.49
19	Racanski Farm	678929.2	4865530.2		23.15	77.15	1044.67	3.44	26.25	89.60
20	Zoo	687216.8	4864835.3		22.73	75.71	1044.13	2.23	25.05	88.39
21	Cedar Crest Beach	686652.1	4861660.9		25.38	84.88	1047.54	2.49	25.31	88.65
22	Darlington Prov Park Be	677844.6	4859718.2		27.86	93.46	1050.73	4.68	27.48	90.97
23	OPG 1	682258.1	4860045.0		29.39	98.73	1052.69	4.77	27.59	96.23
24	OPG 2	682551.4	4859889.1		28.75	96.55	1051.88	4.37	27.19	91.22
25	OPG 3	682824.6	4859759.3		27.67	92.80	1050.49	4.12	26.94	90.28
26	OPG 4	683021.6	4859937.3		27.51	92.23	1050.27	3.97	26.79	90.64
27	OPG 5	683318.2	4859677.8		26.06	87.23	1048.41	3.83	26.65	89.99
28	OPG 6	683306.9	4860023.0		29.39	98.76	1052.74	3.77	26.59	90.16
29	OPG 7	683718.6	4859915.8		26.31	88.09	1048.73	3.57	26.39	89.73
30	OPG 8	682702.0	4859998.6		27.22	91.24	1049.90	4.18	27.00	91.09
31	OPG 9	684347.7	4861184.6		25.42	85.00	1047.58	2.18	25.00	88.34



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
		(m)	(m)	Background Concentration (ug/m3)	19.52	64.60	1040.00		22.82	86.16
32	OPG 10	682157.2	4861228.2		33.99	114.68	1058.63	3.91	26.68	97.41
33	St. Mary's 1	684557.0	4861070.0		27.54	92.35	1050.31	2.25	25.07	88.41
34	St. Mary's 2	684657.3	4861320.8		24.85	83.03	1046.85	1.98	24.80	88.14
35	St. Mary's 3	684905.3	4861154.4		26.55	88.91	1049.04	2.04	24.86	88.20
36	Court. Subdivision 1	677328.4	4862976.1		25.97	86.93	1048.30	8.74	31.56	94.92
37	Court. Subdivision 2	676187.9	4862611.1		27.63	92.67	1050.43	3.52	26.34	89.68
38	Court. Subdivision 3	675974.8	4863484.1		24.74	82.64	1046.71	3.42	26.24	89.58
39	Court. Subdivision 4	676606.1	4863214.1		24.56	82.02	1046.48	5.38	28.20	91.54
40	Court. Subdivision 5	676827.1	4863591.4		24.91	83.24	1046.93	6.95	29.77	93.14
41	Court. Subdivision 6	677200.4	4864074.9		25.50	85.30	1047.69	8.06	30.88	94.24
42	Court. Subdivision 7	677719.8	4863625.1		27.41	91.91	1050.15	8.81	31.63	94.99
43	Court. Subdivision 8	678271.6	4864200.6		24.79	82.83	1046.78	5.26	28.08	91.43
44	Court. Subdivision 9	678184.4	4863373.6		33.65	113.48	1058.17	6.84	29.66	93.01
45	Court. Subdivision 10	677179.7	4862499.5		26.10	87.36	1048.46	8.38	31.20	94.54
46	Bow. Subdivision 1	683536.7	4864215.2		25.00	83.56	1047.05	3.84	26.65	90.08
47	Bow. Subdivision 2	683770.0	4863915.1		25.94	86.83	1048.32	3.74	26.55	89.95
48	Bow. Subdivision 3	683671.0	4863534.1		25.52	85.38	1047.78	3.67	26.48	90.25
49	Bow. Subdivision 4	684501.9	4863847.4		25.71	86.01	1047.96	2.89	25.70	89.09
50	Bow. Subdivision 5	684242.9	4863518.8		24.54	81.96	1046.46	2.95	25.76	89.16
51	Bow. Subdivision 6	684271.4	4863201.5		27.17	91.09	1049.85	2.79	25.59	89.00
52	Bow. Subdivision 7	683992.6	4862628.1		25.18	84.18	1047.28	2.96	25.77	89.17
53	Bow. Subdivision 8	684608.2	4862956.8		25.81	86.37	1048.09	2.60	25.41	88.80
54	Bow. Subdivision 9	684777.3	4863330.5		24.43	81.58	1046.31	2.47	25.28	88.68
55	Bow. Subdivision 10	685266.0	4863243.1		24.65	82.36	1046.60	2.22	25.03	88.42
56	Osh/Court Subdivision 1	677396.8	4860977.3		30.98	104.24	1054.73	9.17	31.99	95.33
57	Osh/Court Subdivision 2	676633.5	4860816.8		27.38	91.81	1050.11	5.11	27.93	91.27
58	Osh/Court Subdivision 3	676916.0	4861925.0		26.07	87.25	1048.42	5.50	28.32	91.66
59	Osh/Court Subdivision 4	676730.5	4861317.1		25.97	86.94	1048.31	5.15	27.97	91.31
60	Osh/Court Subdivision 5	676087.2	4861392.3		26.82	89.84	1049.38	4.18	26.96	90.49
61	Osh/Court Subdivision 6	676177.1	4861722.2		26.95	90.30	1049.55	4.04	26.83	90.35
62	Osh/Court Subdivision 7	675670.7	4861783.2		26.47	88.66	1048.94	3.89	26.69	90.18



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m3)	19.52	64.60	1040.00		22.82	86.16
63	Osh/Court Subdivision 8	676050.8	4862055.7		27.44	91.99	1050.18	3.73	26.52	90.02
64	Osh/Court Subdivision 9	676636.9	4862134.3		26.34	88.19	1048.77	4.54	27.36	90.70
65	Osh/Court Subdivision 1	676571.3	4861634.8		25.68	85.91	1047.98	4.70	27.52	90.86
66	Bow. Subdivision 11	684649.2	4863182.7		24.59	82.12	1046.51	2.57	25.38	88.77
67	Daycare B	685172.4	4863933.1		22.92	76.36	1044.37	2.33	25.14	88.52
68	Daycare C	685452.0	4863104.4		24.64	82.33	1046.63	2.13	24.94	88.32
69	Daycare D	685527.7	4864693.3		23.38	77.97	1044.97	2.60	25.42	88.77
70	Daycare E	685735.4	4864790.8		22.80	75.94	1044.22	2.61	25.43	88.77
71	Daycare F	685520.3	4864854.3		23.51	78.41	1045.14	2.68	25.50	88.85
72	Daycare G	685441.9	4864878.0		23.65	78.90	1045.32	2.70	25.52	88.87
73	Daycare H	686364.8	4864707.8		22.94	76.42	1044.39	2.41	25.23	88.58
74	Daycare I	685721.6	4865127.3		22.63	75.35	1044.00	2.76	25.58	88.92
75	Daycare J	678256.3	4863565.4		36.98	125.01	1062.46	5.87	28.69	92.04
76	Daycare K	677694.1	4864043.7		25.58	85.56	1047.79	7.92	30.73	94.09
77	Daycare L	676479.5	4862526.2		28.53	95.78	1051.59	4.73	27.55	90.89
78	Daycare M	678320.9	4864763.5		24.26	81.00	1046.10	4.97	27.79	91.14
79	Daycare N	678513.4	4865058.0		23.47	78.26	1045.10	4.36	27.18	90.53
80	Daycare O	672788.7	4863936.6		23.56	78.58	1045.20	2.33	25.14	88.55
81	Daycare P	673952.8	4863592.5		25.41	84.97	1047.57	2.51	25.32	88.71
82	Daycare Q	671751.8	4864887.7		23.50	78.38	1045.12	2.24	25.06	88.43
83	Daycare R	685714.4	4864667.4		23.07	76.89	1044.57	2.54	25.36	88.71
84	Daycare S	684177.9	4863618.2		25.49	85.26	1047.68	3.11	25.92	89.32
85	Daycare T	678423.6	4864480.4		25.06	83.77	1047.13	4.54	27.36	90.70
86	Daycare U	685330.5	4863435.1		25.15	84.08	1047.24	2.18	24.99	88.38
87	Daycare V	685153.2	4863236.9		25.48	85.22	1047.67	2.28	25.09	88.48
88	Daycare W	672679.0	4862044.9		22.59	75.23	1043.95	2.52	25.32	88.74
89	Daycare X	672076.5	4865285.8		22.65	75.44	1044.03	2.30	25.12	88.49
90	Daycare Y	672638.0	4859664.4		21.83	72.59	1042.97	2.41	25.22	88.61
91	Daycare Z	673735.9	4858958.0		23.28	77.62	1044.84	2.27	25.08	88.50
92	Daycare AA	673121.8	4863385.9		24.43	81.58	1046.31	2.55	25.35	88.77
93	Daycare BB	673904.8	4862282.2		25.55	85.47	1047.76	2.86	25.68	89.06



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
94	Daycare CC	671471.6	4861795.3		22.17	73.77	1043.41	2.46	25.27	88.67
95	Daycare DD	673057.3	4862625.6		23.23	77.44	1044.77	2.67	25.48	88.90
96	Daycare EE	674917.1	4863957.2		23.08	76.90	1044.57	2.79	25.60	89.00
97	Daycare FF	671356.6	4862954.4		22.05	73.35	1043.25	2.72	25.53	88.94
98	Daycare GG	671675.5	4862705.8		22.06	73.38	1043.27	2.71	25.52	88.93
99	Daycare HH	671604.8	4860138.1		22.31	74.27	1043.59	2.11	24.92	88.30
100	Daycare II	670945.2	4857983.8		21.95	73.01	1043.13	1.50	24.31	87.68
101	Daycare JJ	677514.6	4864744.1		24.04	80.24	1045.81	7.07	29.89	93.24
102	Daycare KK	676519.9	4862680.1		26.76	89.66	1049.31	5.14	27.96	91.30
103	Daycare LL	677660.6	4863601.3		27.31	91.55	1050.02	9.01	31.82	95.18
104	Court. Subdivision 11	677665.8	4863406.6		29.31	98.46	1052.59	9.42	32.24	95.60
105	Daycare NN	674866.3	4864667.2		22.29	74.18	1043.56	2.95	25.76	89.16
106	Daycare OO	673201.0	4864746.4		22.77	75.86	1044.18	2.56	25.37	88.75
107	Daycare PP	674794.5	4864915.4		22.06	73.37	1043.26	2.86	25.67	89.07
108	Hospital	686324.2	4864395.8		23.43	78.13	1045.03	2.21	25.03	88.38
109	Hospital (Children s)	676057.8	4862180.9		25.62	85.72	1047.85	3.58	26.38	89.87
110	Hospital	671233.2	4863615.9		22.50	74.92	1043.84	2.64	25.45	88.85
111	Comm. Resp. Services	676045.4	4863902.5		25.03	83.66	1047.09	3.77	26.58	89.96
112	Hospital	671712.7	4862364.1		21.88	72.77	1043.04	2.65	25.45	88.86
113	Retirement Residence A	684199.9	4864120.3		25.86	86.53	1048.15	3.20	26.01	89.40
114	Retirement Residence B	685483.9	4865150.9		23.04	76.78	1044.53	2.76	25.58	88.93
115	Retirement Residence C	686844.0	4864732.1		23.08	76.93	1044.58	2.32	25.14	88.49
116	Retirement Residence D	673481.7	4863343.4		24.60	82.19	1046.54	2.50	25.31	88.73
117	Retirement Residence E	671825.2	4864399.0		23.47	78.25	1045.08	2.26	25.07	88.47
118	Retirement Residence F	671606.3	4864536.0		23.45	78.20	1045.05	2.22	25.03	88.43
119	Retirement Residence G	671357.1	4862958.7		22.05	73.36	1043.26	2.72	25.53	88.94
120	Retirement Residence H	671514.0	4862262.9		21.77	72.38	1042.89	2.63	25.43	88.84
121	Retirement Residence I	672602.2	4863075.9		22.73	75.70	1044.13	2.69	25.49	88.91
122	Retirement Residence J	671719.1	4862893.1		22.09	73.48	1043.30	2.73	25.53	88.94
123	Retirement Residence K	686718.0	4865648.7		22.04	73.31	1043.24	2.77	25.59	88.94
124	Retirement Residence L	676168.7	4865669.9		23.79	79.37	1045.49	4.96	27.78	91.13



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
125	Retirement Residence N	676118.5	4863980.7		24.96	83.43	1047.00	4.19	27.00	90.38
126	Bow. Subdivision 12	684649.2	4863182.7		24.59	82.12	1046.51	2.57	25.38	88.77
127	Primary School B	685384.8	4863575.3		24.72	82.59	1046.69	2.13	24.94	88.33
128	Primary School C	685021.6	4863952.9		23.68	78.98	1045.35	2.44	25.26	88.63
129	Primary School D	686237.0	4864085.5		23.69	79.02	1045.36	2.03	24.85	88.19
130	Primary School E	686719.0	4863734.7		22.83	76.04	1044.26	2.48	25.30	88.65
131	Primary School F	686357.0	4864754.9		22.86	76.16	1044.30	2.44	25.26	88.60
132	Primary School G	685502.0	4865013.4		23.19	77.30	1044.72	2.74	25.55	88.90
133	Primary School H	686726.7	4866061.5		21.93	72.93	1043.10	2.82	25.64	88.99
134	Primary School I	685186.2	4866568.2		26.36	88.27	1048.84	2.45	25.27	88.62
135	Primary School J	685965.3	4866979.0		22.67	75.51	1044.10	2.62	25.44	88.79
136	Primary School K	677709.9	4864726.5		24.31	81.19	1046.17	6.78	29.60	92.95
137	Primary School L	675988.3	4864270.2		24.24	80.93	1046.07	4.11	26.93	90.30
138	Primary School M	676608.7	4862739.0		25.60	85.65	1047.82	5.59	28.41	91.75
139	Primary School N	677222.2	4863759.1		26.61	89.14	1049.12	8.44	31.26	94.62
140	Primary School O	678154.9	4863872.7		30.03	100.94	1053.51	6.24	29.06	92.41
141	Court. Subdivision 12	678309.6	4863600.8		35.61	120.26	1060.69	5.42	28.24	91.59
142	Primary School Q	677010.6	4862470.6		26.53	88.83	1049.01	7.50	30.32	93.66
143	Primary School R	677431.3	4866694.7		22.53	75.03	1043.88	5.04	27.86	91.20
144	Primary School S	675266.2	4863562.9		25.79	86.28	1048.06	2.51	25.32	88.72
145	Primary School T	673479.2	4860029.4		22.40	74.57	1043.71	2.95	25.77	89.11
146	Primary School U	670856.0	4860710.6		21.13	70.18	1042.08	2.04	24.85	88.23
147	Primary School V	672660.2	4863909.2		23.28	77.61	1044.84	2.38	25.18	88.59
148	Primary School W	672735.2	4859232.9		22.53	75.03	1043.88	2.28	25.09	88.49
149	Primary School X	673575.8	4862688.6		22.96	76.49	1044.42	2.63	25.44	88.86
150	Primary School Y	673710.3	4861969.0		26.08	87.30	1048.44	3.01	25.83	89.17
151	Primary School Z	672366.0	4859928.1		22.19	73.85	1043.44	2.38	25.19	88.58
152	Primary School AA	672561.7	4866047.1		21.58	71.71	1042.64	2.20	25.01	88.39
153	Primary School BB	675095.1	4862930.4		26.81	89.81	1049.37	2.86	25.67	89.08
154	Primary School CC	673242.6	4865197.9		21.72	72.20	1042.83	2.53	25.35	88.73
155	Primary School DD	674164.9	4863031.3		25.71	86.02	1047.96	2.64	25.45	88.85



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
156	Primary School EE	671905.6	4864697.8		23.77	79.31	1045.47	2.26	25.07	88.45
157	Primary School FF	673294.9	4858774.5		22.19	73.84	1043.43	2.11	24.92	88.32
158	Primary School GG	671659.7	4863120.0		22.10	73.52	1043.32	2.72	25.53	88.94
159	Primary School HH	673853.4	4866711.0		22.36	74.41	1043.65	2.50	25.31	88.70
160	Primary School II	672616.7	4862114.9		22.72	75.67	1044.12	2.55	25.36	88.77
161	Primary School JJ	673567.2	4861899.5		25.26	84.44	1047.38	2.94	25.76	89.10
162	Primary School KK	671791.0	4861954.2		21.92	72.89	1043.08	2.51	25.32	88.73
163	Primary School LL	673762.3	4864210.6		24.11	80.46	1045.90	2.57	25.38	88.77
164	Primary School MM	672238.8	4864621.3		23.68	78.99	1045.35	2.32	25.13	88.51
165	Primary School NN	673213.6	4858677.0		21.99	73.14	1043.17	2.06	24.87	88.26
166	Primary School OO	675474.8	4863221.7		27.37	91.74	1050.09	2.76	25.57	88.98
167	Primary School PP	672441.8	4858748.6		22.15	73.71	1043.39	2.04	24.85	88.24
168	Primary School QQ	672796.8	4864438.2		24.08	80.38	1045.87	2.41	25.22	88.60
169	Primary School RR	671351.4	4863284.0		21.94	72.98	1043.12	2.70	25.51	88.91
170	Primary School SS	673213.9	4862125.5		24.42	81.54	1046.30	2.62	25.43	88.82
171	Primary School TT	671017.9	4860953.7		21.16	70.27	1042.11	2.12	24.93	88.32
172	Primary School UU	670991.0	4861089.8		21.12	70.14	1042.06	2.19	25.00	88.39
173	Primary School VV	674150.1	4862294.8		25.16	84.09	1047.25	2.98	25.80	89.17
174	Primary School WW	672005.2	4861707.9		22.09	73.48	1043.30	2.39	25.20	88.61
175	Primary School XX	684172.1	4863615.6		25.54	85.43	1047.74	3.12	25.94	89.33
176	Primary School YY	683923.3	4866636.4		23.30	77.68	1044.86	2.24	25.05	88.43
177	Primary School ZZ	680446.0	4865770.5		23.24	77.48	1044.79	3.34	26.13	89.60
178	Vacant School	685612.9	4864520.0		23.11	77.00	1044.61	2.47	25.29	88.63
179	Secondary School A	686291.4	4865064.3		22.82	76.00	1044.24	2.64	25.46	88.81
180	Secondary School B	683875.0	4864741.7		24.40	81.47	1046.27	2.99	25.80	89.52
181	Secondary School C	684650.3	4866460.3		23.08	76.91	1044.58	2.26	25.07	88.43
182	Secondary School D	678099.5	4864838.2		23.72	79.13	1045.40	5.67	28.49	91.84
183	Secondary School E	678467.0	4863431.2		30.09	101.18	1053.60	4.29	27.11	90.46
184	Secondary School F	674144.9	4862762.7		25.51	85.33	1047.71	2.58	25.39	88.80
185	Secondary School G	673816.0	4864357.1		23.13	77.07	1044.64	2.64	25.45	88.84
186	Secondary School H	673145.4	4858569.0		22.09	73.50	1043.31	2.05	24.86	88.26



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
187	Secondary School I	671291.7	4863581.3		22.44	74.71	1043.76	2.65	25.46	88.86
188	Secondary School J	671443.2	4861664.9		22.13	73.64	1043.36	2.40	25.21	88.61
189	Secondary School K	673235.3	4860885.0		22.56	75.11	1043.91	3.25	26.07	89.42
190	Secondary School L	684252.7	4866500.5		23.83	79.52	1045.55	2.11	24.93	88.56
191	Secondary School M	673914.1	4859551.7		23.64	78.85	1045.30	2.73	25.53	88.96
192	Secondary School N	675051.5	4864177.2		22.95	76.48	1044.42	2.95	25.76	89.16
193	Adult School	685276.1	4866019.8		23.30	77.68	1044.91	2.61	25.43	88.78
194	Bow. Valley Cons. 1	685356.6	4864521.2		23.91	79.79	1045.65	2.57	25.38	88.75
195	Bow. Valley Cons. 2	685627.7	4864167.8		22.83	76.07	1044.26	2.15	24.97	88.32
196	Bow. Valley Cons. 4	685852.7	4863640.2		23.97	79.99	1045.72	1.93	24.74	88.12
197	Bow. Valley Cons. 5	686163.1	4863621.5		23.27	77.58	1044.83	1.83	24.65	88.01
198	Bow. Valley Cons. 6	685931.9	4863380.6		23.50	78.37	1045.12	1.91	24.73	88.11
199	Maple Grove 1	681688.5	4864717.0		26.65	89.26	1049.17	4.11	26.90	96.54
200	Maple Grove 2	681768.9	4864631.8		26.56	88.95	1049.05	4.20	26.99	95.92
201	Maple Grove 3	681894.9	4864506.8		26.29	88.01	1048.70	4.28	27.07	94.64
202	Maple Grove 4	681974.8	4864443.2		26.96	90.34	1049.57	4.29	27.08	93.78
203	Maple Grove 5	681942.2	4864676.7		25.22	84.33	1047.33	4.01	26.80	95.65
204	Maple Grove 6	682053.2	4864586.2		26.12	87.42	1048.48	4.04	26.83	94.64
205	Maple Grove 7	682168.5	4864631.3		25.05	83.74	1047.12	3.89	26.69	92.72
206	Maple Grove 8	682261.7	4864520.9		25.30	84.59	1047.43	3.91	26.71	92.35
207	Maple Grove 9	682382.1	4864589.4		25.28	84.54	1047.41	3.73	26.53	89.98
208	Maple Grove 10	682459.8	4864499.2		25.40	84.95	1047.57	3.71	26.51	89.95
209	Port Darlington 1	686227.8	4861159.0		26.15	87.55	1048.53	2.54	25.36	88.70
210	Port Darlington 2	686184.8	4861252.0		24.16	80.65	1045.97	2.19	25.01	88.35
211	Port Darlington 3	686151.2	4861286.8		23.56	78.58	1045.20	2.04	24.86	88.20
212	Port Darlington 4	686351.1	4861341.6		23.61	78.75	1045.26	2.22	25.04	88.38
213	Port Darlington 5	686406.8	4861448.7		23.34	77.83	1044.92	2.30	25.12	88.46
214	Port Darlington 6	686504.5	4861604.0		23.85	79.57	1045.56	2.40	25.22	88.56
215	Port Darlington 7	686703.0	4861789.3		25.24	84.39	1047.35	2.50	25.32	88.66
216	Port Darlington 8	686895.8	4861960.2		24.64	82.30	1046.58	2.55	25.37	88.71
217	Port Darlington 9	686867.4	4862119.7		22.89	76.25	1044.33	2.42	25.24	88.58



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
218	Port Darlington 10	687190.7	4862048.8		24.11	80.46	1045.90	2.54	25.36	88.70
219	Port Darlington 11	687524.4	4862126.8		23.50	78.36	1045.11	2.60	25.42	88.76
220	Campground 1	678646.3	4860337.7		31.05	104.49	1054.84	6.37	29.14	92.78
221	Campground 2	678410.2	4860148.6		30.07	101.11	1053.59	6.51	29.29	92.88
222	Campground 3	678651.0	4860054.4		33.55	113.15	1058.05	6.39	29.15	92.83
223	Campground 4	678725.9	4859860.7		32.70	110.21	1056.95	5.56	28.31	92.04
224	Campground 5	678511.1	4859808.6		32.40	109.15	1056.56	5.50	28.26	91.91
225	Campground 6	678869.5	4859696.0		28.49	95.65	1051.55	4.40	27.14	91.12
226	Campground 7	678723.9	4860201.8		31.71	106.79	1055.69	6.57	29.33	93.02
227	Campground 8	678796.0	4860011.4		34.13	115.14	1058.79	6.18	28.93	92.84
228	Campground 9	678852.7	4859854.2		29.91	100.54	1053.36	5.34	28.08	92.15
229	Solina 1	681099.6	4861677.2		34.79	117.43	1059.64	5.62	28.38	102.63
230	Solina 2	681115.7	4861857.7		31.80	107.10	1055.80	5.79	28.56	102.02
231	Solina 3	680987.4	4861983.5		29.73	99.93	1053.13	6.21	28.98	99.95
232	Solina 4	680965.0	4862068.1		30.11	101.25	1053.62	6.35	29.12	100.43
233	Solina 5	681021.5	4862086.7		28.75	96.52	1051.87	6.13	28.90	99.98
234	Solina 6	680939.8	4862124.3		30.72	103.34	1054.40	6.60	29.37	99.61
235	Solina 7	680988.2	4862183.6		29.75	100.00	1053.16	6.35	29.13	98.16
236	Solina 8	680984.6	4862209.8		29.90	100.53	1053.36	6.45	29.22	97.87
237	Solina 9	680958.6	4862294.9		29.87	100.39	1053.31	6.62	29.40	96.65
238	Solina 10	680858.0	4862324.3		29.19	98.06	1052.44	7.13	29.90	96.07
239	Solina 11	680990.3	4862403.5		29.26	98.30	1052.53	6.54	29.32	94.56
240	Recreational 1	681545.0	4860865.0		30.86	103.82	1054.59	4.40	26.81	107.98
241	Recreational 2	681563.7	4860687.4		35.68	120.51	1061.21	4.22	27.04	105.78
242	Recreational 3	681579.7	4860610.0		36.04	121.76	1061.24	4.49	27.31	106.17
243	Recreational 6	681876.6	4860254.4		37.67	127.40	1063.35	4.85	27.67	102.91
244	Recreational 7	682166.9	4860324.4		35.45	119.70	1060.48	4.28	27.10	97.41
245	Darlington 1	679565.4	4861052.9		41.59	141.04	1068.43	6.33	29.14	97.81
246	Darlington 2	679452.9	4861051.4		36.77	124.36	1062.22	6.11	28.92	97.72
247	Darlington 3	679130.5	4860948.8		36.06	121.80	1061.27	6.03	28.85	93.09
248	Darlington 4	679112.6	4860941.9		36.29	122.60	1061.56	6.16	28.98	92.77



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
249	Darlington 5	679057.6	4860994.1		35.40	119.52	1060.42	5.98	28.80	92.14
250	Darlington 6	679075.2	4860931.6		36.45	123.17	1061.77	6.29	29.11	92.45
251	Darlington 7	678814.3	4860843.1		36.18	122.22	1061.42	6.81	29.63	92.97
252	Darlington 8	678840.4	4860777.1		37.11	125.46	1062.62	6.32	29.14	92.48
253	Light Ind. 1	680000.1	4861034.1		35.74	120.73	1060.87	6.39	29.19	110.72
254	Light Ind. 2	680060.7	4861056.4		37.49	126.78	1063.11	6.47	29.28	113.70
255	Light Ind. 3	680291.2	4861151.6		38.46	130.15	1064.37	6.78	29.47	115.03
256	Light Ind. 4	680536.3	4861204.6		33.97	114.72	1058.65	8.03	30.60	122.74
257	Light Ind. 5	680350.4	4861290.6		36.79	124.35	1062.22	7.74	30.42	118.27
258	Light Ind. 6	680306.9	4861275.6		38.11	128.93	1063.92	7.36	30.06	116.07
259	Light Ind. 7	680267.2	4861262.4		38.96	131.85	1065.00	6.88	29.60	113.37
260	Light Ind. 8	680233.6	4861250.7		39.14	132.47	1065.23	6.37	29.11	110.64
261	Light Ind. 9	680175.3	4861227.5		38.51	130.29	1064.42	6.17	28.97	111.37
262	Light Ind. 10	680092.5	4861185.1		35.86	121.12	1061.01	6.36	29.16	110.86
263	Light Ind. 11	680071.6	4861246.6		36.79	124.34	1062.21	6.38	29.18	108.65
264	Light Ind. 12	680021.4	4861186.9		35.11	118.55	1060.05	6.47	29.27	109.52
265	Future Industrial 7	680816.2	4860219.3		38.09	128.88	1085.81	19.02	30.38	180.52
266	Future Industrial 8	680398.0	4860731.8		52.82	179.90	1083.21	13.94	33.11	155.16
267	Future Industrial 1	680359.6	4859959.2		40.60	137.53	1067.11	8.99	29.32	130.73
268	Future Industrial 2	680083.7	4859985.7		42.97	145.73	1070.16	6.36	29.17	107.14
269	Future Industrial 3	680819.9	4860705.3		51.21	174.22	1080.75	10.33	33.13	129.86
270	Future Industrial 4	681070.0	4859937.2		36.70	124.28	1062.23	7.80	28.81	124.81
271	Future Industrial 5	679898.8	4860067.4		41.64	141.12	1068.44	6.07	28.89	106.10
272	Future Industrial 6	680134.8	4860694.1		39.02	132.08	1065.16	6.69	29.50	118.03
273	Future Industrial 11	680253.7	4860255.2		53.78	183.29	1084.14	13.43	32.36	152.71
274	Future Industrial 12	679901.2	4860511.8		37.82	127.95	1063.57	6.06	28.87	111.47
275	Commercial Farmer	679867.8	4860445.4		42.64	144.60	1069.74	6.40	29.22	106.90
276	Farmer	679277.0	4859981.5		32.35	109.03	1056.53	5.49	28.19	99.40
277	Residence	679387.2	4860648.9		34.85	117.64	1059.72	5.43	28.25	101.31
278	Barn	679261.9	4860574.2		32.12	108.18	1056.20	5.09	27.91	96.65
279	Residence	680150.7	4861295.7		38.26	129.45	1064.11	6.22	29.04	109.05



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
280	Residence	679939.8	4861213.4		33.39	112.60	1057.84	6.54	29.34	106.59
281	Farmer	680855.7	4861456.9		36.07	121.85	1061.28	6.48	29.18	105.62
282	Farmer	681386.2	4861673.3		35.80	120.94	1060.95	4.45	27.27	100.47
283	Residence	680683.5	4861597.9		30.44	102.38	1054.04	7.77	30.47	105.44
284	Business	680064.3	4861343.7		37.67	127.41	1063.35	6.32	29.14	106.29
285	Farmer	679680.1	4861213.5		38.06	128.77	1063.87	6.47	29.28	98.49
286	Farmer	681344.8	4861792.9		31.83	107.17	1055.83	4.74	27.54	99.13
287	Youth Centre	685644.2	4864814.8		23.07	76.88	1044.56	2.64	25.46	88.81
288	Bowmanville Arena	685462.9	4864615.2		23.62	78.77	1045.27	2.58	25.40	88.75
289	Bowmanville Rec Comp	684160.3	4864604.5		24.01	80.15	1045.78	3.13	25.94	89.33
290	Recreation Complex	684586.6	4862406.3		24.74	82.67	1046.73	2.38	25.20	88.58
291	Superdog Central	681487.7	4865723.3		22.73	75.71	1044.13	3.31	26.13	89.57
292	Equestrian Centre	681567.1	4863670.7		29.67	99.70	1053.05	5.20	28.00	92.51
293	Flea Market	678574.6	4862819.4		27.13	90.94	1049.79	4.93	27.75	91.10
294	Equestrian Centre	680030.8	4867320.2		22.27	74.11	1043.54	2.57	25.39	88.74
295	Courtice Community Co	678099.3	4864629.8		23.44	78.16	1045.04	5.80	28.62	91.97
296	Former Restaurant	679830.2	4860702.2		34.36	115.94	1059.08	6.03	28.83	109.10
297	Commercial	679364.8	4861016.0		34.70	117.17	1059.55	5.91	28.72	96.69
298	GM Oshawa Headquart	676418.3	4860463.7		27.70	92.91	1050.52	5.63	28.45	91.79
299	Farm A?	682972.3	4862201.9		28.13	94.40	1051.08	3.78	26.59	91.46
300	Farm B?	683546.9	4861959.7		26.49	88.71	1048.97	3.37	26.18	89.58
301	Farm C?	682547.5	4862321.1		27.65	92.71	1050.45	3.11	25.91	91.78
302	Farm D?	683238.3	4862393.3		27.88	93.52	1050.75	3.55	26.35	90.69
303	Farm E?	682512.6	4862858.0		30.20	101.55	1053.77	3.28	26.08	90.67
304	Farm F?	683129.1	4863649.4		26.65	89.28	1049.20	4.55	27.36	90.87
305	Bennett 1	688209.3	4862512.1		22.42	74.62	1043.72	2.44	25.26	88.60
306	Bennett 2	687990.0	4863221.3		22.24	74.01	1043.51	2.69	25.51	88.86
307	Bennett 3	688818.4	4862836.3		21.81	72.54	1042.95	2.37	25.19	88.53
308	Bennett 4	689045.1	4863365.5		22.17	73.78	1043.43	2.38	25.20	88.54
309	Bennett 5	688270.5	4863763.1		22.12	73.59	1043.35	3.34	26.16	89.51
310	Bennett 6	689908.5	4863100.5		21.49	71.41	1042.54	2.52	25.34	88.68



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m3)	19.52	64.60	1040.00		22.82	86.16
311	Bennett 7	688929.9	4864392.0		23.37	77.91	1044.95	3.43	26.25	89.60
312	Bennett 8	689684.2	4863837.7		21.76	72.36	1042.88	2.33	25.15	88.49
313	Soper 1	687557.9	4862512.4		22.72	75.68	1044.12	2.41	25.23	88.57
314	Soper 2	687241.9	4863171.7		23.29	77.64	1044.85	3.18	26.00	89.34
315	Soper 3	687023.2	4863903.8		22.70	75.61	1044.09	2.75	25.57	88.92
316	Soper 4	688158.2	4865389.3		22.63	75.37	1044.00	2.91	25.73	89.08
317	Soper 5	685027.3	4868253.9		21.96	73.03	1043.14	2.06	24.87	88.23
318	Soper 6	687287.4	4867037.3		22.32	74.29	1043.60	2.58	25.40	88.74
319	Soper 7	685683.2	4867148.1		24.09	80.40	1045.91	2.49	25.31	88.66
320	Soper 8	686748.7	4865874.7		21.86	72.70	1043.01	2.80	25.62	88.97
321	Bowmanville 1	687026.3	4862368.4		23.03	76.73	1044.51	2.31	25.13	88.47
322	Bowmanville 2	686625.7	4863020.3		24.68	82.47	1046.64	2.89	25.71	89.05
323	Bowmanville 3	683380.3	4865365.9		24.93	83.30	1046.95	2.45	25.26	88.77
324	Bowmanville 4	683111.4	4867150.3		22.95	76.45	1044.42	2.24	25.05	88.43
325	Bowmanville 5	682452.2	4869417.5		21.90	72.84	1043.06	1.86	24.67	88.07
326	Bowmanville 6	684778.5	4864888.2		23.46	78.24	1045.07	2.97	25.79	89.16
327	Bowmanville 7	684549.5	4866404.4		23.34	77.82	1044.92	2.23	25.05	88.40
328	Upper Tooley 1	679944.8	4864883.1		23.54	78.49	1045.16	4.14	26.93	90.43
329	Upper Tooley 2	679055.1	4863885.8		32.07	108.03	1056.15	3.73	26.54	89.93
330	Upper Tooley 3	679714.0	4862767.4		25.07	83.79	1047.14	4.45	27.27	92.23
331	Upper Tooley 4	678898.8	4861800.6		32.88	110.83	1057.21	6.56	29.38	93.12
332	Upper Tooley 5	680353.5	4862156.5		29.13	97.85	1052.52	7.67	30.44	104.33
333	Upper Tooley 6	679818.1	4861625.7		33.65	113.48	1058.17	6.10	28.92	96.46
334	Robinson 1	678434.8	4860943.1		34.04	114.82	1058.67	7.31	30.13	93.47
335	Robinson 2	677752.6	4861240.6		32.19	108.42	1056.29	9.92	32.74	96.08
336	Robinson 3	677642.2	4861787.2		26.64	89.24	1049.16	8.05	30.87	94.21
337	Robinson 4	678532.7	4862143.6		29.60	99.48	1052.97	7.41	30.23	93.57
338	Robinson 5	678005.1	4862784.9		26.69	89.39	1049.22	8.17	30.99	94.34
339	Robinson 6	677882.7	4860587.7		30.01	100.88	1053.49	5.47	28.29	91.63
340	F/B 1	677443.1	4867862.1		22.90	76.29	1044.35	4.23	27.05	90.39
341	F/B 2	679667.4	4866611.4		23.14	77.14	1044.66	2.72	25.54	88.88



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM ₁₀	Particulate Matter PM _{2.5}	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
342	F/B 3	678655.0	4867470.1		22.09	73.50	1043.31	3.89	26.71	90.05
343	F/B 4	676191.2	4866844.7		22.13	73.61	1043.35	4.36	27.18	90.52
344	F/B 5	678273.3	4866093.0		24.18	80.71	1045.99	4.74	27.56	90.90
345	F/B 6	681241.2	4867098.8		22.83	76.04	1044.25	2.40	25.21	88.60
346	F/B 7	682165.3	4868082.3		22.12	73.60	1043.35	1.94	24.76	88.11
347	F/B 8	679366.6	4868628.3		22.60	75.24	1043.95	3.21	26.03	89.37
348	F/B 9	680310.1	4869967.1		21.84	72.63	1042.99	2.67	25.49	88.83
349	F/B 10	676487.3	4869291.6		21.84	72.62	1042.98	3.25	26.07	89.41
350	F/B 11	676851.4	4865409.3		22.83	76.05	1044.27	6.14	28.96	92.31
351	F/B 12	681153.3	4868682.2		21.92	72.92	1043.09	2.10	24.92	88.26
352	F/B 13	675416.3	4859833.9		23.39	77.99	1044.98	3.16	25.95	89.44
353	Second 1	675153.4	4860552.8		26.72	89.50	1049.26	6.58	29.40	92.74
354	Second 2	675297.5	4860891.3		26.65	89.26	1049.17	6.55	29.37	92.71
355	Second 3	675647.2	4860644.9		27.91	93.64	1050.80	6.93	29.75	93.09
356	Second 4	675670.5	4860076.5		24.50	81.84	1046.41	4.02	26.84	90.18
357	Second 5	676043.3	4860319.1		26.79	89.75	1049.35	5.46	28.28	91.62
358	Second 6	675923.4	4859821.4		24.21	80.82	1046.03	3.11	25.90	89.40
359	McLaughlin Bay 1	676714.7	4860903.8		26.68	89.38	1049.21	4.55	27.37	90.71
360	McLaughlin Bay 2	677310.8	4860528.2		28.27	94.85	1051.25	4.77	27.59	90.93
361	McLaughlin Bay 3	676563.5	4860260.1		25.75	86.15	1048.01	4.16	26.98	90.32
362	McLaughlin Bay 4	676699.5	4859696.6		28.52	95.75	1051.58	2.80	25.61	89.00
363	McLaughlin Bay 5	677560.0	4860060.1		25.46	85.15	1047.66	4.51	27.31	90.76
364	McLaughlin Bay 6	678204.5	4859832.5		31.44	105.83	1055.33	5.48	28.26	91.81
365	Harmony Creek 1	674178.3	4861024.2		23.88	79.69	1045.61	5.09	27.91	91.25
366	Harmony Creek 2	674592.0	4862605.3		26.61	89.12	1049.11	2.82	25.63	89.05
367	Harmony Creek 3	672863.4	4862808.0		22.37	74.47	1043.67	2.70	25.50	88.92
368	Harmony Creek 4	675671.6	4864469.0		23.45	78.18	1045.05	3.31	26.12	89.49
369	Harmony Creek 5	672443.1	4864713.0		23.60	78.73	1045.25	2.38	25.19	88.57
370	Harmony Creek 6	674830.5	4866909.6		22.96	76.49	1044.43	2.71	25.52	88.91
371	Harmony Creek 7	675799.9	4868594.1		22.44	74.72	1043.76	3.19	26.01	89.35
372	Westside 1	686082.6	4862776.6		25.39	84.92	1047.55	2.49	25.31	88.66



Appendix H - 5: Maximum Hourly Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Facility Contaminant Emission Rate (g/s)						
				Background Concentration (ug/m ³)	19.52	64.60	1040.00		22.82	86.16
373	Westside 2	685778.7	4862137.9		24.77	82.78	1046.76	2.29	25.11	88.45
374	Westside 3	685084.2	4862827.4		24.15	80.61	1045.95	2.28	25.10	88.48
375	Darlington 1	680977.5	4865674.4		24.19	80.75	1046.01	3.46	26.26	89.74
376	Darlington 2	680913.9	4863967.1		26.63	89.20	1049.15	5.57	28.35	91.90
377	Darlington 3	682602.8	4863659.6		27.70	92.88	1050.51	5.08	27.88	91.30
378	Darlington 4	682206.4	4862910.4		27.70	92.90	1050.53	3.51	26.31	90.53
379	Darlington 5	683223.2	4861114.0		25.66	85.84	1047.90	2.76	25.54	89.12
380	Darlington 6	683947.7	4862362.0		24.44	81.63	1046.33	2.80	25.61	89.02
381	Darlington 7	685361.9	4861143.4		25.20	84.26	1047.31	1.90	24.72	88.15
382	Bennett ECO/HH	688606.4	4862634.8		22.56	75.11	1043.91	2.40	25.22	88.56
383	Oshawa ECO/HH	673884.9	4859128.9		24.51	81.85	1046.41	2.40	25.21	88.63
384	Oshawa Creek 1	671671.2	4862793.7		21.99	73.16	1043.18	2.72	25.53	88.94
385	Oshawa Creek 2	671668.5	4861589.5		22.04	73.32	1043.24	2.35	25.16	88.57
386	Oshawa Creek 3	672820.2	4861287.2		22.30	74.23	1043.58	2.67	25.48	88.88
387	Oshawa Creek 4	672360.3	4860262.6		22.11	73.56	1043.33	2.42	25.23	88.62
388	Oshawa Creek 5	673921.2	4860115.0		23.10	76.98	1044.60	3.91	26.73	90.07
389	Oshawa Creek 6	673154.0	4859421.9		22.60	75.24	1043.96	2.47	25.28	88.68
390	Farmer	677409.8	4861051.4		31.16	104.88	1054.97	9.48	32.30	95.64
391	Commercial Market	688276.3	4864698.5		22.57	75.14	1043.92	3.46	26.28	89.62



Appendix H - 6: Maximum 8-hours Predicted CoPC at Special Receptors Including On-site Traffic Emissions -

Scenario	Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
			(m)	(m)	Background Concentration (ug/m3)	1040.00
1	Campground 10	678526.8	4859996.8			1044.49
2	ECO 2	675490.4	4860360.1			1043.42
3	Recreational 5	681642.0	4860349.3			1047.49
4	ECO 4	676831.5	4859840.9			1043.93
5	Bow. Valley Cons. 3	685767.2	4863879.0			1042.18
6	ECO 6	679647.8	4859989.3			1044.56
7	ECO 7	681578.8	4862070.1			1046.67
8	ECO 8	679735.5	4861048.6			1054.81
9	ECO 9	687219.7	4864249.3			1041.83
10	ECO 10	686519.0	4861987.6			1041.94
11	ECO 11	679870.4	4859737.9			1045.45
12	Recreational 4	681575.5	4860557.7			1045.33
13	Future Industrial 9	680704.5	4859857.8			1047.72
14	Future Industrial 10	680608.0	4860719.6			1051.01
15	Harmony Creek	673992.4	4865641.4			1041.86
16	Farewell Creek	678079.2	4868822.7			1041.12
17	Farmer	681378.6	4860335.0			1048.24
18	Watson Farm	682883.4	4864219.7			1045.38
19	Racanski Farm	678929.2	4865530.2			1041.94
20	Zoo	687216.8	4864835.3			1041.71
21	Cedar Crest Beach	686652.1	4861660.9			1042.57
22	Darlington Prov Park Be	677844.6	4859718.2			1044.15
23	OPG 1	682258.1	4860045.0			1047.18
24	OPG 2	682551.4	4859889.1			1044.76
25	OPG 3	682824.6	4859759.3			1044.23
26	OPG 4	683021.6	4859937.3			1044.19
27	OPG 5	683318.2	4859677.8			1042.96
28	OPG 6	683306.9	4860023.0			1044.32
29	OPG 7	683718.6	4859915.8			1044.09
30	OPG 8	682702.0	4859998.6			1045.48
31	OPG 9	684347.7	4861184.6			1045.04
32	OPG 10	682157.2	4861228.2			1045.25
33	St. Mary s 1	684557.0	4861070.0			1046.10
34	St. Mary s 2	684657.3	4861320.8			1044.35
35	St. Mary s 3	684905.3	4861154.4			1045.85
36	Court. Subdivision 1	677328.4	4862976.1			1043.86
37	Court. Subdivision 2	676187.9	4862611.1			1043.73
38	Court. Subdivision 3	675974.8	4863484.1			1041.95
39	Court. Subdivision 4	676606.1	4863214.1			1042.17
40	Court. Subdivision 5	676827.1	4863591.4			1042.57
41	Court. Subdivision 6	677200.4	4864074.9			1042.79
42	Court. Subdivision 7	677719.8	4863625.1			1042.86
43	Court. Subdivision 8	678271.6	4864200.6			1043.07
44	Court. Subdivision 9	678184.4	4863373.6			1043.23
45	Court. Subdivision 10	677179.7	4862499.5			1043.59
46	Bow. Subdivision 1	683536.7	4864215.2			1043.45



Appendix H - 6: Maximum 8-hours Predicted CoPC at Special Receptors Including On-site Traffic Emissions -

Scenario	Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
			(m)	(m)	Background Concentration (ug/m3)	1040.00
47	Bow. Subdivision 2	683770.0	4863915.1		1043.30	
48	Bow. Subdivision 3	683671.0	4863534.1		1043.72	
49	Bow. Subdivision 4	684501.9	4863847.4		1043.46	
50	Bow. Subdivision 5	684242.9	4863518.8		1042.92	
51	Bow. Subdivision 6	684271.4	4863201.5		1043.57	
52	Bow. Subdivision 7	683992.6	4862628.1		1043.15	
53	Bow. Subdivision 8	684608.2	4862956.8		1043.27	
54	Bow. Subdivision 9	684777.3	4863330.5		1043.38	
55	Bow. Subdivision 10	685266.0	4863243.1		1042.39	
56	Osh/Court Subdivision 1	677396.8	4860977.3		1045.52	
57	Osh/Court Subdivision 2	676633.5	4860816.8		1044.74	
58	Osh/Court Subdivision 3	676916.0	4861925.0		1043.67	
59	Osh/Court Subdivision 4	676730.5	4861317.1		1045.30	
60	Osh/Court Subdivision 5	676087.2	4861392.3		1043.44	
61	Osh/Court Subdivision 6	676177.1	4861722.2		1042.63	
62	Osh/Court Subdivision 7	675670.7	4861783.2		1042.71	
63	Osh/Court Subdivision 8	676050.8	4862055.7		1042.42	
64	Osh/Court Subdivision 9	676636.9	4862134.3		1043.24	
65	Osh/Court Subdivision 10	676571.3	4861634.8		1042.98	
66	Bow. Subdivision 11	684649.2	4863182.7		1043.49	
67	Daycare B	685172.4	4863933.1		1041.96	
68	Daycare C	685452.0	4863104.4		1042.20	
69	Daycare D	685527.7	4864693.3		1042.11	
70	Daycare E	685735.4	4864790.8		1041.86	
71	Daycare F	685520.3	4864854.3		1042.17	
72	Daycare G	685441.9	4864878.0		1042.18	
73	Daycare H	686364.8	4864707.8		1041.68	
74	Daycare I	685721.6	4865127.3		1041.89	
75	Daycare J	678256.3	4863565.4		1043.04	
76	Daycare K	677694.1	4864043.7		1042.32	
77	Daycare L	676479.5	4862526.2		1043.67	
78	Daycare M	678320.9	4864763.5		1042.18	
79	Daycare N	678513.4	4865058.0		1041.73	
80	Daycare O	672788.7	4863936.6		1041.49	
81	Daycare P	673952.8	4863592.5		1041.88	
82	Daycare Q	671751.8	4864887.7		1041.14	
83	Daycare R	685714.4	4864667.4		1041.95	
84	Daycare S	684177.9	4863618.2		1043.97	
85	Daycare T	678423.6	4864480.4		1042.67	
86	Daycare U	685330.5	4863435.1		1042.62	
87	Daycare V	685153.2	4863236.9		1042.69	
88	Daycare W	672679.0	4862044.9		1041.46	
89	Daycare X	672076.5	4865285.8		1041.27	
90	Daycare Y	672638.0	4859664.4		1041.58	
91	Daycare Z	673735.9	4858958.0		1041.77	
92	Daycare AA	673121.8	4863385.9		1041.58	



Appendix H - 6: Maximum 8-hours Predicted CoPC at Special Receptors Including On-site Traffic Emissions -

Scenario	Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
			(m)	(m)	Background Concentration (ug/m3)	1040.00
93	Daycare BB	673904.8	4862282.2			1042.03
94	Daycare CC	671471.6	4861795.3			1041.19
95	Daycare DD	673057.3	4862625.6			1041.38
96	Daycare EE	674917.1	4863957.2			1041.62
97	Daycare FF	671356.6	4862954.4			1041.12
98	Daycare GG	671675.5	4862705.8			1041.15
99	Daycare HH	671604.8	4860138.1			1041.37
100	Daycare II	670945.2	4857983.8			1041.59
101	Daycare JJ	677514.6	4864744.1			1041.83
102	Daycare KK	676519.9	4862680.1			1042.85
103	Daycare LL	677660.6	4863601.3			1042.93
104	Court. Subdivision 11	677665.8	4863406.6			1043.73
105	Daycare NN	674866.3	4864667.2			1041.89
106	Daycare OO	673201.0	4864746.4			1041.61
107	Daycare PP	674794.5	4864915.4			1042.06
108	Hospital	686324.2	4864395.8			1041.67
109	Hospital (Children s)	676057.8	4862180.9			1042.73
110	Hospital	671233.2	4863615.9			1041.38
111	Comm. Resp. Services	676045.4	4863902.5			1042.49
112	Hospital	671712.7	4862364.1			1041.27
113	Retirement Residence A	684199.9	4864120.3			1043.05
114	Retirement Residence B	685483.9	4865150.9			1041.70
115	Retirement Residence C	686844.0	4864732.1			1041.67
116	Retirement Residence D	673481.7	4863343.4			1041.71
117	Retirement Residence E	671825.2	4864399.0			1041.24
118	Retirement Residence F	671606.3	4864536.0			1041.19
119	Retirement Residence G	671357.1	4862958.7			1041.12
120	Retirement Residence H	671514.0	4862262.9			1041.42
121	Retirement Residence I	672602.2	4863075.9			1041.45
122	Retirement Residence J	671719.1	4862893.1			1041.15
123	Retirement Residence K	686718.0	4865648.7			1041.41
124	Retirement Residence L	676168.7	4865669.9			1041.96
125	Retirement Residence M	676118.5	4863980.7			1042.48
126	Bow. Subdivision 12	684649.2	4863182.7			1043.49
127	Primary School B	685384.8	4863575.3			1042.51
128	Primary School C	685021.6	4863952.9			1041.86
129	Primary School D	686237.0	4864085.5			1041.96
130	Primary School E	686719.0	4863734.7			1042.43
131	Primary School F	686357.0	4864754.9			1041.69
132	Primary School G	685502.0	4865013.4			1042.00
133	Primary School H	686726.7	4866061.5			1041.35
134	Primary School I	685186.2	4866568.2			1041.39
135	Primary School J	685965.3	4866979.0			1042.37
136	Primary School K	677709.9	4864726.5			1041.81
137	Primary School L	675988.3	4864270.2			1042.29
138	Primary School M	676608.7	4862739.0			1042.81



Appendix H - 6: Maximum 8-hours Predicted CoPC at Special Receptors Including On-site Traffic Emissions -

Scenario	Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
			(m)	(m)	Background Concentration (ug/m3)	1040.00
139	Primary School N	677222.2	4863759.1			1042.82
140	Primary School O	678154.9	4863872.7			1042.48
141	Court. Subdivision 12	678309.6	4863600.8			1042.87
142	Primary School Q	677010.6	4862470.6			1043.78
143	Primary School R	677431.3	4866694.7			1041.88
144	Primary School S	675266.2	4863562.9			1041.97
145	Primary School T	673479.2	4860029.4			1042.01
146	Primary School U	670856.0	4860710.6			1041.23
147	Primary School V	672660.2	4863909.2			1041.46
148	Primary School W	672735.2	4859232.9			1042.09
149	Primary School X	673575.8	4862688.6			1041.49
150	Primary School Y	673710.3	4861969.0			1042.32
151	Primary School Z	672366.0	4859928.1			1041.58
152	Primary School AA	672561.7	4866047.1			1041.18
153	Primary School BB	675095.1	4862930.4			1042.32
154	Primary School CC	673242.6	4865197.9			1041.33
155	Primary School DD	674164.9	4863031.3			1041.97
156	Primary School EE	671905.6	4864697.8			1041.20
157	Primary School FF	673294.9	4858774.5			1041.89
158	Primary School GG	671659.7	4863120.0			1041.34
159	Primary School HH	673853.4	4866711.0			1041.92
160	Primary School II	672616.7	4862114.9			1041.40
161	Primary School JJ	673567.2	4861899.5			1041.92
162	Primary School KK	671791.0	4861954.2			1041.51
163	Primary School LL	673762.3	4864210.6			1041.83
164	Primary School MM	672238.8	4864621.3			1041.25
165	Primary School NN	673213.6	4858677.0			1042.00
166	Primary School OO	675474.8	4863221.7			1042.61
167	Primary School PP	672441.8	4858748.6			1041.36
168	Primary School QQ	672796.8	4864438.2			1041.42
169	Primary School RR	671351.4	4863284.0			1041.34
170	Primary School SS	673213.9	4862125.5			1041.90
171	Primary School TT	671017.9	4860953.7			1041.21
172	Primary School UU	670991.0	4861089.8			1041.09
173	Primary School VV	674150.1	4862294.8			1041.88
174	Primary School WW	672005.2	4861707.9			1041.33
175	Primary School XX	684172.1	4863615.6			1044.03
176	Primary School YY	683923.3	4866636.4			1042.20
177	Primary School ZZ	680446.0	4865770.5			1042.83
178	Vacant School	685612.9	4864520.0			1042.04
179	Secondary School A	686291.4	4865064.3			1041.69
180	Secondary School B	683875.0	4864741.7			1042.78
181	Secondary School C	684650.3	4866460.3			1041.63
182	Secondary School D	678099.5	4864838.2			1042.11
183	Secondary School E	678467.0	4863431.2			1043.07
184	Secondary School F	674144.9	4862762.7			1041.84



Appendix H - 6: Maximum 8-hours Predicted CoPC at Special Receptors Including On-site Traffic Emissions -

Scenario Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
		(m)	(m)	Background Concentration (ug/m3)	1040.00
185	Secondary School G	673816.0	4864357.1		1041.74
186	Secondary School H	673145.4	4858569.0		1042.13
187	Secondary School I	671291.7	4863581.3		1041.40
188	Secondary School J	671443.2	4861664.9		1041.03
189	Secondary School K	673235.3	4860885.0		1041.34
190	Secondary School L	684252.7	4866500.5		1041.97
191	Secondary School M	673914.1	4859551.7		1042.10
192	Secondary School N	675051.5	4864177.2		1041.59
193	Adult School	685276.1	4866019.8		1041.66
194	Bow. Valley Cons. 1	685356.6	4864521.2		1042.32
195	Bow. Valley Cons. 2	685627.7	4864167.8		1041.88
196	Bow. Valley Cons. 4	685852.7	4863640.2		1042.15
197	Bow. Valley Cons. 5	686163.1	4863621.5		1042.06
198	Bow. Valley Cons. 6	685931.9	4863380.6		1042.58
199	Maple Grove 1	681688.5	4864717.0		1043.47
200	Maple Grove 2	681768.9	4864631.8		1043.15
201	Maple Grove 3	681894.9	4864506.8		1043.24
202	Maple Grove 4	681974.8	4864443.2		1043.71
203	Maple Grove 5	681942.2	4864676.7		1043.04
204	Maple Grove 6	682053.2	4864586.2		1043.60
205	Maple Grove 7	682168.5	4864631.3		1043.61
206	Maple Grove 8	682261.7	4864520.9		1043.49
207	Maple Grove 9	682382.1	4864589.4		1042.97
208	Maple Grove 10	682459.8	4864499.2		1042.52
209	Port Darlington 1	686227.8	4861159.0		1043.90
210	Port Darlington 2	686184.8	4861252.0		1043.79
211	Port Darlington 3	686151.2	4861286.8		1043.92
212	Port Darlington 4	686351.1	4861341.6		1043.71
213	Port Darlington 5	686406.8	4861448.7		1043.47
214	Port Darlington 6	686504.5	4861604.0		1042.58
215	Port Darlington 7	686703.0	4861789.3		1042.32
216	Port Darlington 8	686895.8	4861960.2		1041.78
217	Port Darlington 9	686867.4	4862119.7		1041.83
218	Port Darlington 10	687190.7	4862048.8		1041.69
219	Port Darlington 11	687524.4	4862126.8		1041.57
220	Campground 1	678646.3	4860337.7		1046.93
221	Campground 2	678410.2	4860148.6		1045.85
222	Campground 3	678651.0	4860054.4		1044.85
223	Campground 4	678725.9	4859860.7		1045.31
224	Campground 5	678511.1	4859808.6		1043.66
225	Campground 6	678869.5	4859696.0		1043.75
226	Campground 7	678723.9	4860201.8		1046.43
227	Campground 8	678796.0	4860011.4		1044.98
228	Campground 9	678852.7	4859854.2		1044.70
229	Solina 1	681099.6	4861677.2		1046.02
230	Solina 2	681115.7	4861857.7		1046.27



Appendix H - 6: Maximum 8-hours Predicted CoPC at Special Receptors Including On-site Traffic Emissions -

Scenario	Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
			(m)	(m)	Background Concentration (ug/m3)	1040.00
	231	Solina 3	680987.4	4861983.5		1046.62
	232	Solina 4	680965.0	4862068.1		1046.57
	233	Solina 5	681021.5	4862086.7		1046.53
	234	Solina 6	680939.8	4862124.3		1046.39
	235	Solina 7	680988.2	4862183.6		1046.39
	236	Solina 8	680984.6	4862209.8		1046.28
	237	Solina 9	680958.6	4862294.9		1045.92
	238	Solina 10	680858.0	4862324.3		1045.61
	239	Solina 11	680990.3	4862403.5		1045.63
	240	Recreational 1	681545.0	4860865.0		1046.06
	241	Recreational 2	681563.7	4860687.4		1045.87
	242	Recreational 3	681579.7	4860610.0		1045.55
	243	Recreational 6	681876.6	4860254.4		1048.51
	244	Recreational 7	682166.9	4860324.4		1046.64
	245	Darlington 1	679565.4	4861052.9		1055.23
	246	Darlington 2	679452.9	4861051.4		1053.63
	247	Darlington 3	679130.5	4860948.8		1049.28
	248	Darlington 4	679112.6	4860941.9		1049.27
	249	Darlington 5	679057.6	4860994.1		1049.07
	250	Darlington 6	679075.2	4860931.6		1049.19
	251	Darlington 7	678814.3	4860843.1		1048.02
	252	Darlington 8	678840.4	4860777.1		1047.85
	253	Light Ind. 1	680000.1	4861034.1		1050.01
	254	Light Ind. 2	680060.7	4861056.4		1049.67
	255	Light Ind. 3	680291.2	4861151.6		1048.87
	256	Light Ind. 4	680536.3	4861204.6		1048.28
	257	Light Ind. 5	680350.4	4861290.6		1049.11
	258	Light Ind. 6	680306.9	4861275.6		1048.91
	259	Light Ind. 7	680267.2	4861262.4		1048.52
	260	Light Ind. 8	680233.6	4861250.7		1047.92
	261	Light Ind. 9	680175.3	4861227.5		1046.98
	262	Light Ind. 10	680092.5	4861185.1		1048.21
	263	Light Ind. 11	680071.6	4861246.6		1047.84
	264	Light Ind. 12	680021.4	4861186.9		1048.98
	265	Future Industrial 7	680816.2	4860219.3		1046.20
	266	Future Industrial 8	680398.0	4860731.8		1053.40
	267	Future Industrial 1	680359.6	4859959.2		1046.42
	268	Future Industrial 2	680083.7	4859985.7		1046.94
	269	Future Industrial 3	680819.9	4860705.3		1048.83
	270	Future Industrial 4	681070.0	4859937.2		1045.50
	271	Future Industrial 5	679898.8	4860067.4		1045.85
	272	Future Industrial 6	680134.8	4860694.1		1047.15
	273	Future Industrial 11	680253.7	4860255.2		1048.38
	274	Future Industrial 12	679901.2	4860511.8		1046.78
	275	Commercial Farmer	679867.8	4860445.4		1047.23
	276	Farmer	679277.0	4859981.5		1045.17



Appendix H - 6: Maximum 8-hours Predicted CoPC at Special Receptors Including On-site Traffic Emissions -

Scenario	Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
			(m)	(m)	Background Concentration (ug/m3)	1040.00
277	Residence	679387.2	4860648.9			1046.80
278	Barn	679261.9	4860574.2			1047.79
279	Residence	680150.7	4861295.7			1046.76
280	Residence	679939.8	4861213.4			1049.11
281	Farmer	680855.7	4861456.9			1047.08
282	Farmer	681386.2	4861673.3			1046.89
283	Residence	680683.5	4861597.9			1046.12
284	Business	680064.3	4861343.7			1046.95
285	Farmer	679680.1	4861213.5			1052.13
286	Farmer	681344.8	4861792.9			1046.49
287	Youth Centre	685644.2	4864814.8			1042.03
288	Bowmanville Arena	685462.9	4864615.2			1042.18
289	Bowmanville Rec Comp	684160.3	4864604.5			1042.87
290	Recreation Complex	684586.6	4862406.3			1042.48
291	Superdog Central	681487.7	4865723.3			1042.40
292	Equestrian Centre	681567.1	4863670.7			1043.80
293	Flea Market	678574.6	4862819.4			1044.66
294	Equestrian Centre	680030.8	4867320.2			1041.74
295	Courtice Community Co	678099.3	4864629.8			1042.37
296	Former Restaurant	679830.2	4860702.2			1047.16
297	Commercial	679364.8	4861016.0			1051.00
298	GM Oshawa Headquar	676418.3	4860463.7			1044.17
299	Farm A?	682972.3	4862201.9			1043.88
300	Farm B?	683546.9	4861959.7			1043.56
301	Farm C?	682547.5	4862321.1			1045.40
302	Farm D?	683238.3	4862393.3			1043.63
303	Farm E?	682512.6	4862858.0			1045.65
304	Farm F?	683129.1	4863649.4			1044.17
305	Bennett 1	688209.3	4862512.1			1041.47
306	Bennett 2	687990.0	4863221.3			1041.56
307	Bennett 3	688818.4	4862836.3			1041.32
308	Bennett 4	689045.1	4863365.5			1041.40
309	Bennett 5	688270.5	4863763.1			1041.91
310	Bennett 6	689908.5	4863100.5			1041.05
311	Bennett 7	688929.9	4864392.0			1043.14
312	Bennett 8	689684.2	4863837.7			1041.34
313	Soper 1	687557.9	4862512.4			1041.62
314	Soper 2	687241.9	4863171.7			1041.33
315	Soper 3	687023.2	4863903.8			1042.09
316	Soper 4	688158.2	4865389.3			1041.35
317	Soper 5	685027.3	4868253.9			1041.89
318	Soper 6	687287.4	4867037.3			1041.10
319	Soper 7	685683.2	4867148.1			1041.88
320	Soper 8	686748.7	4865874.7			1041.38
321	Bowmanville 1	687026.3	4862368.4			1041.77
322	Bowmanville 2	686625.7	4863020.3			1041.74



Appendix H - 6: Maximum 8-hours Predicted CoPC at Special Receptors Including On-site Traffic Emissions -

Scenario	Receptor	Name	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
			(m)	(m)	Background Concentration (ug/m3)	1040.00
	323	Bowmanville 3	683380.3	4865365.9		1043.51
	324	Bowmanville 4	683111.4	4867150.3		1041.60
	325	Bowmanville 5	682452.2	4869417.5		1041.29
	326	Bowmanville 6	684778.5	4864888.2		1042.42
	327	Bowmanville 7	684549.5	4866404.4		1041.70
	328	Upper Tooley 1	679944.8	4864883.1		1042.22
	329	Upper Tooley 2	679055.1	4863885.8		1042.77
	330	Upper Tooley 3	679714.0	4862767.4		1043.81
	331	Upper Tooley 4	678898.8	4861800.6		1048.49
	332	Upper Tooley 5	680353.5	4862156.5		1045.14
	333	Upper Tooley 6	679818.1	4861625.7		1045.79
	334	Robinson 1	678434.8	4860943.1		1046.45
	335	Robinson 2	677752.6	4861240.6		1044.79
	336	Robinson 3	677642.2	4861787.2		1045.25
	337	Robinson 4	678532.7	4862143.6		1047.06
	338	Robinson 5	678005.1	4862784.9		1044.70
	339	Robinson 6	677882.7	4860587.7		1045.69
	340	F/B 1	677443.1	4867862.1		1041.90
	341	F/B 2	679667.4	4866611.4		1041.57
	342	F/B 3	678655.0	4867470.1		1041.59
	343	F/B 4	676191.2	4866844.7		1041.47
	344	F/B 5	678273.3	4866093.0		1041.86
	345	F/B 6	681241.2	4867098.8		1041.98
	346	F/B 7	682165.3	4868082.3		1041.76
	347	F/B 8	679366.6	4868628.3		1041.46
	348	F/B 9	680310.1	4869967.1		1041.32
	349	F/B 10	676487.3	4869291.6		1041.73
	350	F/B 11	676851.4	4865409.3		1041.74
	351	F/B 12	681153.3	4868682.2		1041.61
	352	F/B 13	675416.3	4859833.9		1042.95
	353	Second 1	675153.4	4860552.8		1042.65
	354	Second 2	675297.5	4860891.3		1043.35
	355	Second 3	675647.2	4860644.9		1042.89
	356	Second 4	675670.5	4860076.5		1043.61
	357	Second 5	676043.3	4860319.1		1043.99
	358	Second 6	675923.4	4859821.4		1043.21
	359	McLaughlin Bay 1	676714.7	4860903.8		1044.69
	360	McLaughlin Bay 2	677310.8	4860528.2		1045.02
	361	McLaughlin Bay 3	676563.5	4860260.1		1044.46
	362	McLaughlin Bay 4	676699.5	4859696.6		1045.11
	363	McLaughlin Bay 5	677560.0	4860060.1		1044.81
	364	McLaughlin Bay 6	678204.5	4859832.5		1043.52
	365	Harmony Creek 1	674178.3	4861024.2		1041.95
	366	Harmony Creek 2	674592.0	4862605.3		1041.98
	367	Harmony Creek 3	672863.4	4862808.0		1041.43
	368	Harmony Creek 4	675671.6	4864469.0		1042.28



Appendix H - 6: Maximum 8-hours Predicted CoPC at Special Receptors Including On-site Traffic Emissions -

Scenario	B	UTM E	UTM N	Contaminant	Carbon Monoxide (CO)
Receptor	Name	(m)	(m)	Background Concentration (ug/m3)	1040.00
369	Harmony Creek 5	672443.1	4864713.0		1041.31
370	Harmony Creek 6	674830.5	4866909.6		1041.58
371	Harmony Creek 7	675799.9	4868594.1		1041.39
372	Westside 1	686082.6	4862776.6		1041.67
373	Westside 2	685778.7	4862137.9		1042.54
374	Westside 3	685084.2	4862827.4		1042.53
375	Darlington 1	680977.5	4865674.4		1042.83
376	Darlington 2	680913.9	4863967.1		1044.00
377	Darlington 3	682602.8	4863659.6		1044.68
378	Darlington 4	682206.4	4862910.4		1045.88
379	Darlington 5	683223.2	4861114.0		1044.09
380	Darlington 6	683947.7	4862362.0		1044.45
381	Darlington 7	685361.9	4861143.4		1044.59
382	Bennett ECO/HH	688606.4	4862634.8		1041.36
383	Oshawa ECO/HH	673884.9	4859128.9		1041.88
384	Oshawa Creek 1	671671.2	4862793.7		1041.13
385	Oshawa Creek 2	671668.5	4861589.5		1041.04
386	Oshawa Creek 3	672820.2	4861287.2		1041.26
387	Oshawa Creek 4	672360.3	4860262.6		1041.56
388	Oshawa Creek 5	673921.2	4860115.0		1042.25
389	Oshawa Creek 6	673154.0	4859421.9		1042.08
390	Farmer	677409.8	4861051.4		1046.16
391	Commercial Market	688276.3	4864698.5		1041.40



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
1	Campground 10	678526.8	4859996.8		20.74	63.18	1031.86	0.85	21.25	36.24
2	ECO 2	675490.4	4860360.1		20.35	61.83	1031.35	0.52	20.91	35.92
3	Recreational 5	681642.0	4860349.3		21.55	66.00	1032.92	0.82	21.20	37.66
4	ECO 4	676831.5	4859840.9		21.39	65.43	1032.69	0.57	20.96	35.98
5	Bow. Valley Cons. 3	685767.2	4863879.0		20.21	61.36	1031.18	0.37	20.77	35.77
6	ECO 6	679647.8	4859989.3		20.72	63.10	1031.83	1.01	21.41	36.40
7	ECO 7	681578.8	4862070.1		21.28	65.05	1032.55	0.95	21.34	36.38
8	ECO 8	679735.5	4861048.6		23.13	71.45	1034.94	1.60	22.00	37.00
9	ECO 9	687219.7	4864249.3		20.12	61.04	1031.06	0.31	20.71	35.71
10	ECO 10	686519.0	4861987.6		20.19	61.26	1031.14	0.38	20.78	35.78
11	ECO 11	679870.4	4859737.9		21.03	64.20	1032.26	0.90	21.30	36.59
12	Recreational 4	681575.5	4860557.7		21.17	64.68	1032.43	0.86	21.24	37.24
13	Future Industrial 9	680704.5	4859857.8		21.32	65.21	1032.66	0.91	21.29	38.68
14	Future Industrial 10	680608.0	4860719.6		22.57	69.55	1034.27	1.45	21.73	41.39
15	Harmony Creek	673992.4	4865641.4		20.20	61.33	1031.17	0.38	20.78	35.78
16	Farewell Creek	678079.2	4868822.7		20.06	60.85	1030.99	0.62	21.02	36.01
17	Farmer	681378.6	4860335.0		21.69	66.46	1033.09	0.88	21.26	38.73
18	Watson Farm	682883.4	4864219.7		21.19	64.75	1032.44	0.57	20.96	35.97
19	Racanski Farm	678929.2	4865530.2		20.53	62.47	1031.59	0.65	21.05	36.05
20	Zoo	687216.8	4864835.3		20.01	60.67	1030.92	0.32	20.72	35.72
21	Cedar Crest Beach	686652.1	4861660.9		20.71	63.09	1031.82	0.40	20.79	35.80
22	Darlington Prov Park Beach	677844.6	4859718.2		20.82	63.46	1031.96	0.64	21.04	36.03
23	OPG 1	682258.1	4860045.0		21.80	66.84	1033.21	0.71	21.11	36.10
24	OPG 2	682551.4	4859889.1		21.03	64.18	1032.22	0.61	21.00	36.03
25	OPG 3	682824.6	4859759.3		20.91	63.76	1032.07	0.57	20.96	35.98
26	OPG 4	683021.6	4859937.3		21.08	64.37	1032.29	0.56	20.95	35.97
27	OPG 5	683318.2	4859677.8		20.55	62.51	1031.61	0.51	20.90	35.92
28	OPG 6	683306.9	4860023.0		20.94	63.89	1032.11	0.53	20.93	35.94
29	OPG 7	683718.6	4859915.8		20.55	62.51	1031.60	0.51	20.90	35.90
30	OPG 8	682702.0	4859998.6		21.42	65.53	1032.73	0.62	21.01	36.01
31	OPG 9	684347.7	4861184.6		20.62	62.78	1031.71	0.48	20.88	35.88
32	OPG 10	682157.2	4861228.2		21.31	65.17	1032.60	0.79	21.18	36.22
33	St. Mary's 1	684557.0	4861070.0		20.96	63.93	1032.13	0.46	20.85	35.86
34	St. Mary's 2	684657.3	4861320.8		20.45	62.19	1031.49	0.46	20.86	35.86



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
35	St. Mary's 3	684905.3	4861154.4		20.89	63.71	1032.05	0.44	20.84	35.83
36	Court. Subdivision 1	677328.4	4862976.1		20.83	63.50	1031.97	0.98	21.37	36.37
37	Court. Subdivision 2	676187.9	4862611.1		20.50	62.35	1031.55	0.48	20.88	35.87
38	Court. Subdivision 3	675974.8	4863484.1		19.99	60.59	1030.89	0.53	20.93	35.92
39	Court. Subdivision 4	676606.1	4863214.1		20.39	61.98	1031.41	0.71	21.11	36.11
40	Court. Subdivision 5	676827.1	4863591.4		20.53	62.46	1031.59	0.81	21.21	36.21
41	Court. Subdivision 6	677200.4	4864074.9		20.47	62.23	1031.50	0.86	21.26	36.25
42	Court. Subdivision 7	677719.8	4863625.1		20.60	62.71	1031.68	0.90	21.30	36.30
43	Court. Subdivision 8	678271.6	4864200.6		20.24	61.44	1031.21	0.70	21.10	36.10
44	Court. Subdivision 9	678184.4	4863373.6		20.48	62.29	1031.52	0.77	21.17	36.17
45	Court. Subdivision 10	677179.7	4862499.5		20.45	62.19	1031.49	0.87	21.27	36.27
46	Bow. Subdivision 1	683536.7	4864215.2		20.70	63.03	1031.80	0.51	20.91	35.91
47	Bow. Subdivision 2	683770.0	4863915.1		20.36	61.88	1031.37	0.51	20.90	35.91
48	Bow. Subdivision 3	683671.0	4863534.1		20.61	62.73	1031.69	0.53	20.93	35.93
49	Bow. Subdivision 4	684501.9	4863847.4		20.61	62.73	1031.69	0.45	20.85	35.85
50	Bow. Subdivision 5	684242.9	4863518.8		20.33	61.76	1031.33	0.48	20.88	35.88
51	Bow. Subdivision 6	684271.4	4863201.5		20.36	61.87	1031.37	0.49	20.88	35.89
52	Bow. Subdivision 7	683992.6	4862628.1		20.42	62.07	1031.45	0.52	20.92	35.93
53	Bow. Subdivision 8	684608.2	4862956.8		20.19	61.28	1031.15	0.46	20.86	35.86
54	Bow. Subdivision 9	684777.3	4863330.5		20.36	61.87	1031.37	0.44	20.84	35.84
55	Bow. Subdivision 10	685266.0	4863243.1		20.36	61.86	1031.36	0.41	20.81	35.81
56	Osh/Court Subdivision 1	677396.8	4860977.3		21.58	66.09	1032.94	0.75	21.15	36.15
57	Osh/Court Subdivision 2	676633.5	4860816.8		20.68	62.97	1031.78	0.55	20.95	35.95
58	Osh/Court Subdivision 3	676916.0	4861925.0		20.52	62.42	1031.57	0.61	21.01	36.00
59	Osh/Court Subdivision 4	676730.5	4861317.1		21.38	65.40	1032.68	0.63	21.03	36.03
60	Osh/Court Subdivision 5	676087.2	4861392.3		20.68	62.97	1031.77	0.55	20.95	35.96
61	Osh/Court Subdivision 6	676177.1	4861722.2		20.32	61.72	1031.31	0.56	20.96	35.97
62	Osh/Court Subdivision 7	675670.7	4861783.2		20.36	61.88	1031.37	0.53	20.93	35.94
63	Osh/Court Subdivision 8	676050.8	4862055.7		20.24	61.45	1031.22	0.51	20.90	35.91
64	Osh/Court Subdivision 9	676636.9	4862134.3		20.37	61.90	1031.38	0.56	20.96	35.95
65	Osh/Court Subdivision 10	676571.3	4861634.8		20.44	62.14	1031.47	0.59	20.99	36.00
66	Bow. Subdivision 11	684649.2	4863182.7		20.36	61.88	1031.37	0.46	20.85	35.85
67	Daycare B	685172.4	4863933.1		20.09	60.92	1031.01	0.41	20.80	35.80
68	Daycare C	685452.0	4863104.4		20.20	61.31	1031.16	0.40	20.80	35.80



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
69	Daycare D	685527.7	4864693.3		20.28	61.60	1031.26	0.38	20.78	35.78
70	Daycare E	685735.4	4864790.8		20.22	61.39	1031.19	0.37	20.77	35.77
71	Daycare F	685520.3	4864854.3		20.29	61.63	1031.27	0.38	20.78	35.78
72	Daycare G	685441.9	4864878.0		20.26	61.51	1031.23	0.39	20.78	35.79
73	Daycare H	686364.8	4864707.8		19.94	60.40	1030.82	0.35	20.75	35.74
74	Daycare I	685721.6	4865127.3		20.20	61.33	1031.16	0.38	20.77	35.78
75	Daycare J	678256.3	4863565.4		20.59	62.65	1031.66	0.72	21.12	36.12
76	Daycare K	677694.1	4864043.7		20.28	61.60	1031.26	0.85	21.25	36.25
77	Daycare L	676479.5	4862526.2		20.52	62.41	1031.57	0.54	20.94	35.94
78	Daycare M	678320.9	4864763.5		20.14	61.11	1031.08	0.70	21.10	36.10
79	Daycare N	678513.4	4865058.0		20.01	60.64	1030.91	0.67	21.07	36.07
80	Daycare O	672788.7	4863936.6		19.76	59.81	1030.60	0.38	20.78	35.77
81	Daycare P	673952.8	4863592.5		19.87	60.18	1030.74	0.42	20.81	35.81
82	Daycare Q	671751.8	4864887.7		19.69	59.55	1030.50	0.36	20.76	35.76
83	Daycare R	685714.4	4864667.4		20.17	61.21	1031.12	0.37	20.77	35.77
84	Daycare S	684177.9	4863618.2		20.73	63.14	1031.84	0.48	20.88	35.88
85	Daycare T	678423.6	4864480.4		20.18	61.24	1031.13	0.67	21.07	36.07
86	Daycare U	685330.5	4863435.1		20.29	61.61	1031.27	0.40	20.80	35.80
87	Daycare V	685153.2	4863236.9		20.29	61.61	1031.27	0.42	20.82	35.82
88	Daycare W	672679.0	4862044.9		19.84	60.05	1030.69	0.39	20.79	35.79
89	Daycare X	672076.5	4865285.8		19.79	59.89	1030.63	0.37	20.77	35.77
90	Daycare Y	672638.0	4859664.4		20.06	60.84	1030.98	0.43	20.83	35.82
91	Daycare Z	673735.9	4858958.0		20.13	61.06	1031.06	0.38	20.78	35.77
92	Daycare AA	673121.8	4863385.9		19.83	60.03	1030.68	0.37	20.77	35.76
93	Daycare BB	673904.8	4862282.2		20.08	60.88	1031.00	0.43	20.83	35.83
94	Daycare CC	671471.6	4861795.3		19.67	59.47	1030.47	0.34	20.74	35.73
95	Daycare DD	673057.3	4862625.6		19.86	60.14	1030.72	0.40	20.79	35.79
96	Daycare EE	674917.1	4863957.2		19.94	60.42	1030.83	0.46	20.86	35.86
97	Daycare FF	671356.6	4862954.4		19.76	59.80	1030.60	0.37	20.76	35.76
98	Daycare GG	671675.5	4862705.8		19.78	59.88	1030.62	0.38	20.77	35.77
99	Daycare HH	671604.8	4860138.1		19.76	59.77	1030.59	0.37	20.77	35.76
100	Daycare II	670945.2	4857983.8		19.76	59.80	1030.60	0.29	20.69	35.67
101	Daycare JJ	677514.6	4864744.1		20.05	60.80	1030.97	0.81	21.21	36.20
102	Daycare KK	676519.9	4862680.1		20.29	61.64	1031.28	0.59	20.99	35.99



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
103	Daycare LL	677660.6	4863601.3		20.63	62.81	1031.71	0.91	21.31	36.31
104	Court. Subdivision 11	677665.8	4863406.6		20.61	62.73	1031.68	0.95	21.34	36.34
105	Daycare NN	674866.3	4864667.2		20.14	61.11	1031.08	0.43	20.83	35.83
106	Daycare OO	673201.0	4864746.4		19.86	60.15	1030.72	0.41	20.80	35.80
107	Daycare PP	674794.5	4864915.4		20.28	61.58	1031.26	0.41	20.81	35.81
108	Hospital	686324.2	4864395.8		20.14	61.10	1031.08	0.35	20.74	35.74
109	Hospital (Children s)	676057.8	4862180.9		20.25	61.50	1031.23	0.48	20.88	35.89
110	Hospital	671233.2	4863615.9		19.75	59.74	1030.57	0.33	20.73	35.72
111	Comm. Resp. Services	676045.4	4863902.5		20.48	62.28	1031.52	0.59	20.99	35.99
112	Hospital	671712.7	4862364.1		19.77	59.81	1030.60	0.38	20.77	35.77
113	Retirement Residence A	684199.9	4864120.3		20.40	61.99	1031.41	0.46	20.86	35.86
114	Retirement Residence B	685483.9	4865150.9		20.06	60.83	1030.98	0.39	20.78	35.79
115	Retirement Residence C	686844.0	4864732.1		20.04	60.77	1030.96	0.33	20.73	35.73
116	Retirement Residence D	673481.7	4863343.4		19.83	60.05	1030.69	0.38	20.78	35.78
117	Retirement Residence E	671825.2	4864399.0		19.74	59.73	1030.57	0.35	20.75	35.75
118	Retirement Residence F	671606.3	4864536.0		19.74	59.71	1030.56	0.35	20.75	35.74
119	Retirement Residence G	671357.1	4862958.7		19.76	59.80	1030.60	0.37	20.76	35.76
120	Retirement Residence H	671514.0	4862262.9		19.78	59.87	1030.62	0.37	20.77	35.76
121	Retirement Residence I	672602.2	4863075.9		19.79	59.91	1030.64	0.36	20.76	35.76
122	Retirement Residence J	671719.1	4862893.1		19.77	59.83	1030.61	0.37	20.77	35.77
123	Retirement Residence K	686718.0	4865648.7		20.05	60.79	1030.96	0.34	20.74	35.74
124	Retirement Residence L	676168.7	4865669.9		20.13	61.07	1031.07	0.65	21.05	36.05
125	Retirement Residence M	676118.5	4863980.7		20.50	62.37	1031.55	0.62	21.02	36.01
126	Bow. Subdivision 12	684649.2	4863182.7		20.36	61.88	1031.37	0.46	20.85	35.85
127	Primary School B	685384.8	4863575.3		20.31	61.68	1031.30	0.40	20.80	35.80
128	Primary School C	685021.6	4863952.9		20.07	60.88	1031.00	0.41	20.81	35.81
129	Primary School D	686237.0	4864085.5		20.18	61.24	1031.13	0.35	20.75	35.74
130	Primary School E	686719.0	4863734.7		20.10	60.98	1031.04	0.33	20.73	35.73
131	Primary School F	686357.0	4864754.9		19.90	60.28	1030.78	0.35	20.75	35.75
132	Primary School G	685502.0	4865013.4		20.20	61.31	1031.16	0.38	20.78	35.79
133	Primary School H	686726.7	4866061.5		19.99	60.60	1030.89	0.35	20.74	35.74
134	Primary School I	685186.2	4866568.2		19.95	60.45	1030.84	0.41	20.81	35.80
135	Primary School J	685965.3	4866979.0		19.93	60.38	1030.81	0.37	20.77	35.77
136	Primary School K	677709.9	4864726.5		20.11	61.02	1031.05	0.80	21.20	36.19



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
137	Primary School L	675988.3	4864270.2		20.47	62.24	1031.50	0.60	21.00	36.00
138	Primary School M	676608.7	4862739.0		20.22	61.37	1031.18	0.64	21.04	36.04
139	Primary School N	677222.2	4863759.1		20.38	61.94	1031.39	0.89	21.29	36.28
140	Primary School O	678154.9	4863872.7		20.44	62.16	1031.47	0.75	21.15	36.14
141	Court. Subdivision 12	678309.6	4863600.8		20.60	62.71	1031.68	0.73	21.12	36.12
142	Primary School Q	677010.6	4862470.6		20.48	62.30	1031.52	0.78	21.18	36.18
143	Primary School R	677431.3	4866694.7		20.17	61.20	1031.12	0.71	21.11	36.11
144	Primary School S	675266.2	4863562.9		20.01	60.65	1030.92	0.47	20.87	35.87
145	Primary School T	673479.2	4860029.4		19.94	60.41	1030.82	0.44	20.83	35.83
146	Primary School U	670856.0	4860710.6		19.76	59.79	1030.59	0.33	20.73	35.72
147	Primary School V	672660.2	4863909.2		19.79	59.88	1030.63	0.37	20.77	35.77
148	Primary School W	672735.2	4859232.9		20.51	62.39	1031.56	0.42	20.82	35.82
149	Primary School X	673575.8	4862688.6		19.83	60.05	1030.69	0.40	20.80	35.80
150	Primary School Y	673710.3	4861969.0		20.13	61.06	1031.07	0.42	20.82	35.82
151	Primary School Z	672366.0	4859928.1		19.84	60.05	1030.69	0.41	20.80	35.80
152	Primary School AA	672561.7	4866047.1		19.88	60.21	1030.75	0.37	20.77	35.77
153	Primary School BB	675095.1	4862930.4		20.02	60.68	1030.92	0.42	20.82	35.82
154	Primary School CC	673242.6	4865197.9		19.89	60.24	1030.76	0.40	20.80	35.80
155	Primary School DD	674164.9	4863031.3		19.88	60.20	1030.75	0.39	20.79	35.78
156	Primary School EE	671905.6	4864697.8		19.70	59.59	1030.52	0.36	20.76	35.76
157	Primary School FF	673294.9	4858774.5		19.99	60.59	1030.89	0.37	20.76	35.76
158	Primary School GG	671659.7	4863120.0		19.78	59.87	1030.62	0.36	20.76	35.76
159	Primary School HH	673853.4	4866711.0		20.23	61.43	1031.20	0.39	20.79	35.79
160	Primary School II	672616.7	4862114.9		19.83	60.03	1030.68	0.39	20.79	35.79
161	Primary School JJ	673567.2	4861899.5		20.00	60.63	1030.90	0.41	20.81	35.81
162	Primary School KK	671791.0	4861954.2		19.78	59.85	1030.61	0.36	20.76	35.75
163	Primary School LL	673762.3	4864210.6		19.92	60.33	1030.79	0.43	20.82	35.82
164	Primary School MM	672238.8	4864621.3		19.72	59.66	1030.54	0.37	20.77	35.77
165	Primary School NN	673213.6	4858677.0		19.97	60.53	1030.87	0.36	20.76	35.75
166	Primary School OO	675474.8	4863221.7		20.13	61.08	1031.07	0.46	20.86	35.86
167	Primary School PP	672441.8	4858748.6		19.92	60.36	1030.81	0.35	20.75	35.74
168	Primary School QQ	672796.8	4864438.2		19.78	59.85	1030.62	0.39	20.79	35.79
169	Primary School RR	671351.4	4863284.0		19.77	59.82	1030.60	0.35	20.75	35.74
170	Primary School SS	673213.9	4862125.5		20.01	60.64	1030.91	0.41	20.81	35.80



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
171	Primary School TT	671017.9	4860953.7		19.74	59.71	1030.56	0.33	20.73	35.72
172	Primary School UU	670991.0	4861089.8		19.71	59.62	1030.53	0.32	20.72	35.71
173	Primary School VV	674150.1	4862294.8		20.04	60.75	1030.95	0.44	20.84	35.84
174	Primary School WW	672005.2	4861707.9		19.71	59.61	1030.52	0.35	20.75	35.74
175	Primary School XX	684172.1	4863615.6		20.75	63.22	1031.86	0.48	20.88	35.88
176	Primary School YY	683923.3	4866636.4		20.13	61.08	1031.07	0.46	20.85	35.86
177	Primary School ZZ	680446.0	4865770.5		20.13	61.07	1031.07	0.68	21.08	36.09
178	Vacant School	685612.9	4864520.0		20.08	60.89	1031.00	0.37	20.77	35.77
179	Secondary School A	686291.4	4865064.3		19.99	60.60	1030.89	0.35	20.75	35.75
180	Secondary School B	683875.0	4864741.7		20.69	63.01	1031.79	0.47	20.86	35.88
181	Secondary School C	684650.3	4866460.3		20.01	60.65	1030.91	0.43	20.83	35.82
182	Secondary School D	678099.5	4864838.2		20.09	60.92	1031.01	0.74	21.14	36.14
183	Secondary School E	678467.0	4863431.2		20.68	62.96	1031.77	0.78	21.18	36.18
184	Secondary School F	674144.9	4862762.7		19.87	60.17	1030.73	0.40	20.79	35.79
185	Secondary School G	673816.0	4864357.1		19.90	60.26	1030.77	0.43	20.83	35.83
186	Secondary School H	673145.4	4858569.0		19.96	60.49	1030.85	0.35	20.75	35.74
187	Secondary School I	671291.7	4863581.3		19.76	59.78	1030.59	0.33	20.73	35.73
188	Secondary School J	671443.2	4861664.9		19.64	59.36	1030.43	0.33	20.73	35.72
189	Secondary School K	673235.3	4860885.0		19.84	60.06	1030.69	0.39	20.79	35.78
190	Secondary Schook L	684252.7	4866500.5		20.15	61.14	1031.09	0.44	20.84	35.84
191	Secondary School M	673914.1	4859551.7		20.51	62.37	1031.55	0.46	20.86	35.86
192	Secondary School N	675051.5	4864177.2		19.94	60.43	1030.83	0.45	20.85	35.85
193	Adult School	685276.1	4866019.8		20.14	61.09	1031.08	0.40	20.80	35.80
194	Bow. Valley Cons. 1	685356.6	4864521.2		20.20	61.33	1031.16	0.38	20.78	35.78
195	Bow. Valley Cons. 2	685627.7	4864167.8		20.01	60.67	1030.92	0.38	20.77	35.77
196	Bow. Valley Cons. 4	685852.7	4863640.2		20.17	61.20	1031.12	0.37	20.77	35.77
197	Bow. Valley Cons. 5	686163.1	4863621.5		20.23	61.40	1031.19	0.36	20.75	35.75
198	Bow. Valley Cons. 6	685931.9	4863380.6		20.16	61.17	1031.11	0.37	20.77	35.77
199	Maple Grove 1	681688.5	4864717.0		20.49	62.31	1031.53	0.71	21.10	36.13
200	Maple Grove 2	681768.9	4864631.8		20.43	62.12	1031.46	0.70	21.09	36.12
201	Maple Grove 3	681894.9	4864506.8		20.36	61.86	1031.36	0.69	21.08	36.11
202	Maple Grove 4	681974.8	4864443.2		20.35	61.83	1031.35	0.68	21.07	36.10
203	Maple Grove 5	681942.2	4864676.7		20.32	61.74	1031.32	0.67	21.07	36.09
204	Maple Grove 6	682053.2	4864586.2		20.33	61.76	1031.33	0.66	21.06	36.08



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
205	Maple Grove 7	682168.5	4864631.3		20.38	61.93	1031.39	0.64	21.04	36.06
206	Maple Grove 8	682261.7	4864520.9		20.40	62.00	1031.41	0.63	21.03	36.05
207	Maple Grove 9	682382.1	4864589.4		20.27	61.57	1031.26	0.62	21.01	36.04
208	Maple Grove 10	682459.8	4864499.2		20.09	60.95	1031.03	0.61	21.00	36.03
209	Port Darlington 1	686227.8	4861159.0		20.51	62.40	1031.56	0.36	20.76	35.75
210	Port Darlington 2	686184.8	4861252.0		20.40	62.01	1031.42	0.37	20.77	35.77
211	Port Darlington 3	686151.2	4861286.8		20.37	61.92	1031.38	0.38	20.78	35.77
212	Port Darlington 4	686351.1	4861341.6		20.55	62.53	1031.61	0.38	20.77	35.77
213	Port Darlington 5	686406.8	4861448.7		20.63	62.81	1031.71	0.38	20.78	35.78
214	Port Darlington 6	686504.5	4861604.0		20.65	62.87	1031.74	0.39	20.79	35.78
215	Port Darlington 7	686703.0	4861789.3		20.50	62.36	1031.55	0.38	20.78	35.78
216	Port Darlington 8	686895.8	4861960.2		20.19	61.29	1031.15	0.37	20.77	35.77
217	Port Darlington 9	686867.4	4862119.7		20.18	61.25	1031.14	0.37	20.76	35.76
218	Port Darlington 10	687190.7	4862048.8		20.08	60.91	1031.01	0.36	20.76	35.76
219	Port Darlington 11	687524.4	4862126.8		20.08	60.91	1031.01	0.35	20.74	35.74
220	Campground 1	678646.3	4860337.7		21.40	65.48	1032.71	0.96	21.36	36.36
221	Campground 2	678410.2	4860148.6		21.42	65.55	1032.74	0.86	21.26	36.25
222	Campground 3	678651.0	4860054.4		20.96	63.94	1032.14	0.89	21.29	36.28
223	Campground 4	678725.9	4859860.7		20.91	63.77	1032.07	0.84	21.24	36.23
224	Campground 5	678511.1	4859808.6		20.68	62.98	1031.78	0.79	21.19	36.19
225	Campground 6	678869.5	4859696.0		20.95	63.92	1032.14	0.82	21.22	36.21
226	Campground 7	678723.9	4860201.8		21.54	65.96	1032.89	0.95	21.35	36.34
227	Campground 8	678796.0	4860011.4		20.98	64.01	1032.17	0.90	21.30	36.29
228	Campground 9	678852.7	4859854.2		21.30	65.11	1032.57	0.86	21.26	36.25
229	Solina 1	681099.6	4861677.2		21.25	64.96	1032.52	1.13	21.51	36.59
230	Solina 2	681115.7	4861857.7		21.34	65.27	1032.63	1.11	21.50	36.56
231	Solina 3	680987.4	4861983.5		21.28	65.04	1032.55	1.15	21.54	36.59
232	Solina 4	680965.0	4862068.1		21.23	64.87	1032.48	1.15	21.53	36.59
233	Solina 5	681021.5	4862086.7		21.26	64.97	1032.52	1.13	21.51	36.56
234	Solina 6	680939.8	4862124.3		21.20	64.77	1032.45	1.15	21.54	36.59
235	Solina 7	680988.2	4862183.6		21.18	64.70	1032.42	1.12	21.51	36.56
236	Solina 8	680984.6	4862209.8		21.16	64.62	1032.39	1.12	21.51	36.55
237	Solina 9	680958.6	4862294.9		21.08	64.36	1032.29	1.11	21.50	36.54
238	Solina 10	680858.0	4862324.3		21.14	64.57	1032.38	1.14	21.53	36.57



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
239	Solina 11	680990.3	4862403.5		20.99	64.05	1032.18	1.09	21.48	36.51
240	Recreational 1	681545.0	4860865.0		21.14	64.57	1032.37	0.91	21.29	36.77
241	Recreational 2	681563.7	4860687.4		21.34	65.27	1032.65	0.88	21.27	36.58
242	Recreational 3	681579.7	4860610.0		21.40	65.45	1032.71	0.86	21.25	36.97
243	Recreational 6	681876.6	4860254.4		22.05	67.72	1033.55	0.77	21.16	36.76
244	Recreational 7	682166.9	4860324.4		21.44	65.60	1032.76	0.71	21.10	36.39
245	Darlington 1	679565.4	4861052.9		23.23	71.82	1035.08	1.51	21.91	36.91
246	Darlington 2	679452.9	4861051.4		22.82	70.39	1034.55	1.45	21.85	36.85
247	Darlington 3	679130.5	4860948.8		21.95	67.38	1033.42	1.26	21.66	36.66
248	Darlington 4	679112.6	4860941.9		21.98	67.48	1033.46	1.25	21.65	36.65
249	Darlington 5	679057.6	4860994.1		21.89	67.18	1033.34	1.24	21.64	36.63
250	Darlington 6	679075.2	4860931.6		22.00	67.54	1033.48	1.24	21.63	36.63
251	Darlington 7	678814.3	4860843.1		21.60	66.15	1032.96	1.10	21.50	36.49
252	Darlington 8	678840.4	4860777.1		21.57	66.07	1032.93	1.10	21.50	36.50
253	Light Ind. 1	680000.1	4861034.1		22.19	68.23	1033.74	1.70	22.10	37.10
254	Light Ind. 2	680060.7	4861056.4		22.23	68.34	1033.78	1.72	22.11	37.12
255	Light Ind. 3	680291.2	4861151.6		22.14	68.05	1033.69	1.66	22.05	38.12
256	Light Ind. 4	680536.3	4861204.6		21.71	66.53	1033.10	1.47	21.86	38.30
257	Light Ind. 5	680350.4	4861290.6		22.00	67.55	1033.48	1.60	21.99	38.05
258	Light Ind. 6	680306.9	4861275.6		21.94	67.35	1033.40	1.62	22.02	37.96
259	Light Ind. 7	680267.2	4861262.4		21.88	67.15	1033.35	1.65	22.04	37.84
260	Light Ind. 8	680233.6	4861250.7		21.88	67.13	1033.34	1.67	22.06	37.68
261	Light Ind. 9	680175.3	4861227.5		21.85	67.01	1033.29	1.69	22.08	37.46
262	Light Ind. 10	680092.5	4861185.1		22.00	67.55	1033.49	1.71	22.11	37.12
263	Light Ind. 11	680071.6	4861246.6		21.95	67.37	1033.42	1.71	22.10	37.11
264	Light Ind. 12	680021.4	4861186.9		22.18	68.17	1033.72	1.71	22.11	37.12
265	Future Industrial 7	680816.2	4860219.3		21.03	64.24	1032.47	1.61	21.37	43.35
266	Future Industrial 8	680398.0	4860731.8		23.40	72.47	1035.40	1.62	21.99	41.11
267	Future Industrial 1	680359.6	4859959.2		20.99	64.07	1032.22	1.27	21.37	41.70
268	Future Industrial 2	680083.7	4859985.7		21.11	64.47	1032.34	1.01	21.41	37.13
269	Future Industrial 3	680819.9	4860705.3		21.75	66.71	1033.19	1.21	21.51	39.64
270	Future Industrial 4	681070.0	4859937.2		21.06	64.30	1032.31	0.87	21.24	38.50
271	Future Industrial 5	679898.8	4860067.4		20.98	64.05	1032.19	1.05	21.45	36.68
272	Future Industrial 6	680134.8	4860694.1		21.88	67.19	1033.42	1.61	22.00	37.48



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
273	Future Industrial 11	680253.7	4860255.2		21.48	65.77	1032.82	1.13	21.53	40.02
274	Future Industrial 12	679901.2	4860511.8		21.27	65.03	1032.55	1.32	21.72	36.90
275	Commercial Farmer	679867.8	4860445.4		21.34	65.28	1032.63	1.27	21.67	36.68
276	Farmer	679277.0	4859981.5		20.73	63.15	1031.85	0.98	21.37	36.37
277	Residence	679387.2	4860648.9		21.62	66.24	1032.99	1.24	21.64	36.64
278	Barn	679261.9	4860574.2		21.49	65.79	1032.83	1.17	21.57	36.56
279	Residence	680150.7	4861295.7		21.68	66.43	1033.07	1.68	22.08	37.26
280	Residence	679939.8	4861213.4		22.13	68.01	1033.66	1.70	22.10	37.10
281	Farmer	680855.7	4861456.9		21.50	65.80	1032.83	1.25	21.63	36.89
282	Farmer	681386.2	4861673.3		21.50	65.81	1032.83	1.02	21.40	36.47
283	Residence	680683.5	4861597.9		21.70	66.49	1033.10	1.34	21.73	36.93
284	Business	680064.3	4861343.7		21.76	66.73	1033.18	1.69	22.08	37.10
285	Farmer	679680.1	4861213.5		22.44	69.07	1034.05	1.60	22.00	37.00
286	Farmer	681344.8	4861792.9		21.16	64.63	1032.39	1.03	21.42	36.49
287	Youth Centre	685644.2	4864814.8		20.28	61.58	1031.26	0.38	20.77	35.78
288	Bowmanville Arena	685462.9	4864615.2		20.26	61.53	1031.24	0.38	20.78	35.78
289	Bowmanville Rec Complex	684160.3	4864604.5		20.47	62.23	1031.50	0.45	20.85	35.85
290	Recreation Complex	684586.6	4862406.3		20.36	61.86	1031.36	0.47	20.86	35.87
291	Superdog Central	681487.7	4865723.3		20.13	61.06	1031.07	0.65	21.04	36.06
292	Equestrian Centre	681567.1	4863670.7		20.86	63.60	1032.01	0.77	21.17	36.18
293	Flea Market	678574.6	4862819.4		20.85	63.57	1032.00	0.92	21.32	36.32
294	Equestrian Centre	680030.8	4867320.2		19.84	60.08	1030.70	0.54	20.93	35.94
295	Courtice Community Complex	678099.3	4864629.8		20.09	60.92	1031.01	0.74	21.14	36.14
296	Former Restaurant	679830.2	4860702.2		21.19	64.74	1032.43	1.45	21.85	36.85
297	Commercial	679364.8	4861016.0		22.14	68.03	1033.67	1.39	21.79	36.79
298	GM Oshawa Headquarters	676418.3	4860463.7		20.77	63.28	1031.89	0.58	20.98	35.98
299	Farm A?	682972.3	4862201.9		20.66	62.90	1031.75	0.66	21.05	36.07
300	Farm B?	683546.9	4861959.7		20.75	63.21	1031.87	0.58	20.97	35.98
301	Farm C?	682547.5	4862321.1		21.10	64.42	1032.32	0.73	21.12	36.14
302	Farm D?	683238.3	4862393.3		20.51	62.40	1031.57	0.62	21.01	36.02
303	Farm E?	682512.6	4862858.0		21.26	64.99	1032.52	0.71	21.10	36.12
304	Farm F?	683129.1	4863649.4		20.79	63.35	1031.91	0.58	20.98	35.98
305	Bennett 1	688209.3	4862512.1		20.01	60.66	1030.92	0.32	20.72	35.71
306	Bennett 2	687990.0	4863221.3		19.89	60.26	1030.77	0.29	20.68	35.68



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
307	Bennett 3	688818.4	4862836.3		19.94	60.42	1030.83	0.29	20.69	35.69
308	Bennett 4	689045.1	4863365.5		19.96	60.48	1030.85	0.27	20.66	35.66
309	Bennett 5	688270.5	4863763.1		20.03	60.72	1030.94	0.28	20.68	35.67
310	Bennett 6	689908.5	4863100.5		19.85	60.12	1030.71	0.27	20.67	35.67
311	Bennett 7	688929.9	4864392.0		20.37	61.90	1031.38	0.36	20.76	35.76
312	Bennett 8	689684.2	4863837.7		19.88	60.20	1030.75	0.25	20.65	35.64
313	Soper 1	687557.9	4862512.4		20.03	60.74	1030.95	0.33	20.73	35.73
314	Soper 2	687241.9	4863171.7		19.93	60.37	1030.81	0.31	20.71	35.71
315	Soper 3	687023.2	4863903.8		20.08	60.91	1031.01	0.32	20.72	35.71
316	Soper 4	688158.2	4865389.3		20.01	60.64	1030.91	0.30	20.70	35.70
317	Soper 5	685027.3	4868253.9		20.02	60.70	1030.93	0.39	20.79	35.79
318	Soper 6	687287.4	4867037.3		19.79	59.88	1030.63	0.33	20.73	35.73
319	Soper 7	685683.2	4867148.1		19.87	60.18	1030.74	0.38	20.78	35.78
320	Soper 8	686748.7	4865874.7		20.04	60.74	1030.95	0.34	20.74	35.74
321	Bowmanville 1	687026.3	4862368.4		20.10	60.96	1031.03	0.34	20.74	35.74
322	Bowmanville 2	686625.7	4863020.3		20.03	60.74	1030.94	0.34	20.74	35.74
323	Bowmanville 3	683380.3	4865365.9		20.56	62.55	1031.62	0.50	20.90	35.91
324	Bowmanville 4	683111.4	4867150.3		20.19	61.29	1031.15	0.48	20.88	35.88
325	Bowmanville 5	682452.2	4869417.5		19.74	59.74	1030.57	0.42	20.82	35.82
326	Bowmanville 6	684778.5	4864888.2		20.05	60.79	1030.96	0.42	20.81	35.82
327	Bowmanville 7	684549.5	4866404.4		20.07	60.87	1030.99	0.43	20.83	35.83
328	Upper Tooley 1	679944.8	4864883.1		20.40	62.01	1031.42	0.79	21.19	36.21
329	Upper Tooley 2	679055.1	4863885.8		20.28	61.59	1031.26	0.78	21.17	36.17
330	Upper Tooley 3	679714.0	4862767.4		20.99	64.04	1032.17	1.15	21.55	36.56
331	Upper Tooley 4	678898.8	4861800.6		21.91	67.24	1033.36	1.20	21.60	36.60
332	Upper Tooley 5	680353.5	4862156.5		21.47	65.71	1032.79	1.33	21.72	36.75
333	Upper Tooley 6	679818.1	4861625.7		21.50	65.83	1032.84	1.58	21.98	36.98
334	Robinson 1	678434.8	4860943.1		21.35	65.31	1032.64	0.97	21.37	36.36
335	Robinson 2	677752.6	4861240.6		21.03	64.18	1032.23	0.79	21.19	36.18
336	Robinson 3	677642.2	4861787.2		20.93	63.83	1032.09	0.80	21.20	36.20
337	Robinson 4	678532.7	4862143.6		21.53	65.91	1032.87	1.03	21.43	36.42
338	Robinson 5	678005.1	4862784.9		20.76	63.25	1031.88	0.93	21.33	36.33
339	Robinson 6	677882.7	4860587.7		20.97	63.97	1032.15	0.77	21.17	36.16
340	F/B 1	677443.1	4867862.1		19.91	60.31	1030.78	0.65	21.05	36.05



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
341	F/B 2	679667.4	4866611.4		20.03	60.74	1030.94	0.58	20.98	35.99
342	F/B 3	678655.0	4867470.1		20.20	61.30	1031.16	0.64	21.04	36.03
343	F/B 4	676191.2	4866844.7		19.91	60.30	1030.78	0.62	21.02	36.01
344	F/B 5	678273.3	4866093.0		20.04	60.77	1030.96	0.70	21.10	36.10
345	F/B 6	681241.2	4867098.8		19.91	60.31	1030.78	0.55	20.94	35.95
346	F/B 7	682165.3	4868082.3		19.87	60.17	1030.73	0.47	20.87	35.87
347	F/B 8	679366.6	4868628.3		19.81	59.96	1030.66	0.58	20.97	35.97
348	F/B 9	680310.1	4869967.1		19.69	59.57	1030.51	0.52	20.92	35.91
349	F/B 10	676487.3	4869291.6		20.13	61.08	1031.07	0.56	20.96	35.96
350	F/B 11	676851.4	4865409.3		20.11	61.02	1031.05	0.75	21.15	36.14
351	F/B 12	681153.3	4868682.2		19.79	59.91	1030.63	0.46	20.86	35.86
352	F/B 13	675416.3	4859833.9		20.50	62.37	1031.55	0.53	20.92	35.93
353	Second 1	675153.4	4860552.8		20.32	61.74	1031.32	0.47	20.87	35.86
354	Second 2	675297.5	4860891.3		20.34	61.79	1031.33	0.46	20.86	35.86
355	Second 3	675647.2	4860644.9		20.42	62.07	1031.44	0.51	20.91	35.90
356	Second 4	675670.5	4860076.5		20.45	62.17	1031.48	0.56	20.95	35.96
357	Second 5	676043.3	4860319.1		20.49	62.31	1031.53	0.55	20.94	35.94
358	Second 6	675923.4	4859821.4		21.05	64.24	1032.25	0.51	20.91	35.91
359	McLaughlin Bay 1	676714.7	4860903.8		20.62	62.77	1031.70	0.55	20.95	35.94
360	McLaughlin Bay 2	677310.8	4860528.2		21.12	64.50	1032.35	0.64	21.04	36.05
361	McLaughlin Bay 3	676563.5	4860260.1		20.61	62.74	1031.69	0.58	20.98	35.98
362	McLaughlin Bay 4	676699.5	4859696.6		22.42	69.01	1034.02	0.85	21.25	36.27
363	McLaughlin Bay 5	677560.0	4860060.1		20.89	63.71	1032.05	0.64	21.04	36.04
364	McLaughlin Bay 6	678204.5	4859832.5		20.70	63.03	1031.80	0.75	21.14	36.14
365	Harmony Creek 1	674178.3	4861024.2		19.93	60.38	1030.81	0.40	20.80	35.79
366	Harmony Creek 2	674592.0	4862605.3		19.90	60.28	1030.77	0.41	20.81	35.81
367	Harmony Creek 3	672863.4	4862808.0		19.83	60.02	1030.68	0.39	20.78	35.78
368	Harmony Creek 4	675671.6	4864469.0		20.42	62.08	1031.44	0.54	20.94	35.93
369	Harmony Creek 5	672443.1	4864713.0		19.75	59.76	1030.58	0.38	20.78	35.78
370	Harmony Creek 6	674830.5	4866909.6		19.94	60.40	1030.82	0.45	20.85	35.84
371	Harmony Creek 7	675799.9	4868594.1		19.86	60.13	1030.72	0.53	20.93	35.92
372	Westside 1	686082.6	4862776.6		20.01	60.66	1030.92	0.37	20.76	35.76
373	Westside 2	685778.7	4862137.9		20.16	61.18	1031.11	0.38	20.78	35.78
374	Westside 3	685084.2	4862827.4		20.14	61.10	1031.08	0.43	20.82	35.83



Appendix H - 7: Maximum Daily Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	19.30	58.20	1030.00		20.40	35.39
375	Darlington 1	680977.5	4865674.4		20.18	61.25	1031.14	0.68	21.08	36.09
376	Darlington 2	680913.9	4863967.1		20.43	62.09	1031.45	0.88	21.27	36.30
377	Darlington 3	682602.8	4863659.6		21.13	64.53	1032.36	0.64	21.04	36.05
378	Darlington 4	682206.4	4862910.4		21.33	65.22	1032.61	0.76	21.15	36.17
379	Darlington 5	683223.2	4861114.0		21.15	64.60	1032.39	0.60	21.00	36.01
380	Darlington 6	683947.7	4862362.0		20.63	62.80	1031.71	0.53	20.93	35.93
381	Darlington 7	685361.9	4861143.4		20.59	62.65	1031.66	0.41	20.81	35.80
382	Bennett ECO/HH	688606.4	4862634.8		19.96	60.48	1030.85	0.31	20.70	35.70
383	Oshawa ECO/HH	673884.9	4859128.9		20.46	62.23	1031.50	0.40	20.79	35.79
384	Oshawa Creek 1	671671.2	4862793.7		19.78	59.86	1030.62	0.37	20.77	35.77
385	Oshawa Creek 2	671668.5	4861589.5		19.65	59.40	1030.45	0.33	20.73	35.72
386	Oshawa Creek 3	672820.2	4861287.2		19.71	59.62	1030.53	0.36	20.76	35.75
387	Oshawa Creek 4	672360.3	4860262.6		19.80	59.94	1030.65	0.38	20.78	35.77
388	Oshawa Creek 5	673921.2	4860115.0		20.00	60.62	1030.90	0.45	20.85	35.85
389	Oshawa Creek 6	673154.0	4859421.9		20.50	62.34	1031.54	0.44	20.84	35.84
390	Farmer	677409.8	4861051.4		21.77	66.73	1033.17	0.74	21.14	36.15
391	Commercial Market	688276.3	4864698.5		20.11	60.99	1031.04	0.30	20.70	35.70



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
1	Campground 10	678526.8	4859996.8		5.98	37.19	631.74	0.02	9.80	21.30
2	ECO 2	675490.4	4860360.1		5.96	37.13	631.71	0.01	9.79	21.29
3	Recreational 5	681642.0	4860349.3		5.99	37.25	631.76	0.03	9.80	21.35
4	ECO 4	676831.5	4859840.9		5.97	37.16	631.72	0.02	9.80	21.30
5	Bow. Valley Cons. 3	685767.2	4863879.0		5.96	37.14	631.72	0.02	9.79	21.29
6	ECO 6	679647.8	4859989.3		5.95	37.11	631.71	0.02	9.79	21.32
7	ECO 7	681578.8	4862070.1		6.03	37.37	631.81	0.04	9.81	21.32
8	ECO 8	679735.5	4861048.6		6.00	37.25	631.76	0.03	9.80	21.32
9	ECO 9	687219.7	4864249.3		5.96	37.12	631.71	0.01	9.79	21.29
10	ECO 10	686519.0	4861987.6		5.97	37.16	631.72	0.02	9.80	21.29
11	ECO 11	679870.4	4859737.9		5.94	37.07	631.70	0.02	9.79	21.33
12	Recreational 4	681575.5	4860557.7		5.99	37.23	631.76	0.03	9.80	21.35
13	Future Industrial 9	680704.5	4859857.8		5.97	37.16	631.75	0.04	9.80	21.46
14	Future Industrial 10	680608.0	4860719.6		5.96	37.16	631.76	0.07	9.81	21.60
15	Harmony Creek	673992.4	4865641.4		5.94	37.07	631.69	9.83E-03	9.79	21.29
16	Farewell Creek	678079.2	4868822.7		5.94	37.07	631.69	0.01	9.79	21.29
17	Farmer	681378.6	4860335.0		5.99	37.22	631.76	0.03	9.80	21.38
18	Watson Farm	682883.4	4864219.7		5.99	37.22	631.75	0.03	9.80	21.30
19	Racanski Farm	678929.2	4865530.2		5.95	37.10	631.70	0.01	9.79	21.29
20	Zoo	687216.8	4864835.3		5.96	37.12	631.71	0.02	9.79	21.29
21	Cedar Crest Beach	686652.1	4861660.9		5.98	37.19	631.74	0.02	9.80	21.30
22	Darlington Prov Park Beach	677844.6	4859718.2		5.96	37.14	631.72	0.02	9.80	21.30
23	OPG 1	682258.1	4860045.0		5.99	37.24	631.76	0.03	9.80	21.32
24	OPG 2	682551.4	4859889.1		6.00	37.25	631.76	0.02	9.80	21.31
25	OPG 3	682824.6	4859759.3		6.00	37.27	631.77	0.03	9.80	21.31
26	OPG 4	683021.6	4859937.3		6.01	37.29	631.77	0.03	9.80	21.31
27	OPG 5	683318.2	4859677.8		5.99	37.25	631.76	0.02	9.80	21.30
28	OPG 6	683306.9	4860023.0		6.01	37.29	631.77	0.03	9.80	21.31
29	OPG 7	683718.6	4859915.8		6.00	37.26	631.76	0.02	9.80	21.30
30	OPG 8	682702.0	4859998.6		6.00	37.27	631.77	0.03	9.80	21.31
31	OPG 9	684347.7	4861184.6		5.99	37.23	631.75	0.02	9.80	21.30
32	OPG 10	682157.2	4861228.2		6.00	37.27	631.77	0.03	9.81	21.32
33	St. Mary s 1	684557.0	4861070.0		5.99	37.24	631.75	0.02	9.80	21.30



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
34	St. Mary s 2	684657.3	4861320.8		5.98	37.21	631.74	0.02	9.80	21.30
35	St. Mary s 3	684905.3	4861154.4		5.98	37.21	631.74	0.02	9.80	21.30
36	Court. Subdivision 1	677328.4	4862976.1		5.96	37.13	631.71	0.02	9.80	21.29
37	Court. Subdivision 2	676187.9	4862611.1		5.96	37.14	631.72	0.02	9.80	21.29
38	Court. Subdivision 3	675974.8	4863484.1		5.95	37.10	631.70	0.01	9.79	21.29
39	Court. Subdivision 4	676606.1	4863214.1		5.95	37.11	631.70	0.02	9.79	21.29
40	Court. Subdivision 5	676827.1	4863591.4		5.95	37.10	631.70	0.01	9.79	21.29
41	Court. Subdivision 6	677200.4	4864074.9		5.95	37.09	631.70	0.01	9.79	21.29
42	Court. Subdivision 7	677719.8	4863625.1		5.95	37.10	631.70	0.02	9.79	21.29
43	Court. Subdivision 8	678271.6	4864200.6		5.95	37.09	631.70	0.01	9.79	21.29
44	Court. Subdivision 9	678184.4	4863373.6		5.96	37.12	631.71	0.02	9.79	21.29
45	Court. Subdivision 10	677179.7	4862499.5		5.97	37.15	631.72	0.02	9.80	21.30
46	Bow. Subdivision 1	683536.7	4864215.2		5.98	37.21	631.74	0.02	9.80	21.30
47	Bow. Subdivision 2	683770.0	4863915.1		5.98	37.20	631.74	0.02	9.80	21.30
48	Bow. Subdivision 3	683671.0	4863534.1		5.99	37.22	631.75	0.02	9.80	21.30
49	Bow. Subdivision 4	684501.9	4863847.4		5.98	37.19	631.73	0.02	9.80	21.30
50	Bow. Subdivision 5	684242.9	4863518.8		5.98	37.19	631.74	0.02	9.80	21.30
51	Bow. Subdivision 6	684271.4	4863201.5		5.98	37.19	631.74	0.02	9.80	21.30
52	Bow. Subdivision 7	683992.6	4862628.1		5.98	37.21	631.74	0.02	9.80	21.30
53	Bow. Subdivision 8	684608.2	4862956.8		5.98	37.19	631.73	0.02	9.80	21.30
54	Bow. Subdivision 9	684777.3	4863330.5		5.97	37.18	631.73	0.02	9.80	21.29
55	Bow. Subdivision 10	685266.0	4863243.1		5.97	37.17	631.73	0.02	9.80	21.29
56	Osh/Court Subdivision 1	677396.8	4860977.3		6.00	37.28	631.77	0.03	9.81	21.31
57	Osh/Court Subdivision 2	676633.5	4860816.8		5.98	37.20	631.74	0.02	9.80	21.30
58	Osh/Court Subdivision 3	676916.0	4861925.0		5.97	37.18	631.73	0.02	9.80	21.30
59	Osh/Court Subdivision 4	676730.5	4861317.1		5.99	37.23	631.75	0.02	9.80	21.30
60	Osh/Court Subdivision 5	676087.2	4861392.3		5.98	37.19	631.74	0.02	9.80	21.30
61	Osh/Court Subdivision 6	676177.1	4861722.2		5.98	37.18	631.73	0.02	9.80	21.30
62	Osh/Court Subdivision 7	675670.7	4861783.2		5.97	37.16	631.73	0.02	9.80	21.29
63	Osh/Court Subdivision 8	676050.8	4862055.7		5.97	37.16	631.72	0.02	9.80	21.30
64	Osh/Court Subdivision 9	676636.9	4862134.3		5.97	37.16	631.72	0.02	9.80	21.30
65	Osh/Court Subdivision 10	676571.3	4861634.8		5.98	37.19	631.74	0.02	9.80	21.30
66	Bow. Subdivision 11	684649.2	4863182.7		5.98	37.18	631.73	0.02	9.80	21.29



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
67	Daycare B	685172.4	4863933.1		5.97	37.15	631.72	0.02	9.80	21.29
68	Daycare C	685452.0	4863104.4		5.97	37.16	631.73	0.02	9.79	21.29
69	Daycare D	685527.7	4864693.3		5.97	37.15	631.72	0.02	9.80	21.30
70	Daycare E	685735.4	4864790.8		5.97	37.15	631.72	0.02	9.80	21.29
71	Daycare F	685520.3	4864854.3		5.97	37.15	631.72	0.02	9.80	21.30
72	Daycare G	685441.9	4864878.0		5.97	37.15	631.72	0.02	9.80	21.30
73	Daycare H	686364.8	4864707.8		5.96	37.13	631.71	0.02	9.80	21.29
74	Daycare I	685721.6	4865127.3		5.97	37.15	631.72	0.02	9.80	21.29
75	Daycare J	678256.3	4863565.4		5.96	37.11	631.71	0.02	9.79	21.29
76	Daycare K	677694.1	4864043.7		5.95	37.09	631.70	0.01	9.79	21.29
77	Daycare L	676479.5	4862526.2		5.97	37.15	631.72	0.02	9.80	21.29
78	Daycare M	678320.9	4864763.5		5.95	37.08	631.70	0.01	9.79	21.29
79	Daycare N	678513.4	4865058.0		5.95	37.08	631.70	0.01	9.79	21.29
80	Daycare O	672788.7	4863936.6		5.95	37.07	631.69	0.01	9.79	21.29
81	Daycare P	673952.8	4863592.5		5.95	37.08	631.70	0.01	9.79	21.29
82	Daycare Q	671751.8	4864887.7		5.94	37.06	631.69	0.01	9.79	21.29
83	Daycare R	685714.4	4864667.4		5.97	37.15	631.72	0.02	9.80	21.29
84	Daycare S	684177.9	4863618.2		5.98	37.20	631.74	0.02	9.80	21.30
85	Daycare T	678423.6	4864480.4		5.95	37.09	631.70	0.01	9.79	21.29
86	Daycare U	685330.5	4863435.1		5.97	37.16	631.72	0.02	9.80	21.29
87	Daycare V	685153.2	4863236.9		5.97	37.17	631.73	0.02	9.80	21.29
88	Daycare W	672679.0	4862044.9		5.95	37.10	631.70	0.01	9.79	21.29
89	Daycare X	672076.5	4865285.8		5.94	37.07	631.69	9.95E-03	9.79	21.29
90	Daycare Y	672638.0	4859664.4		5.95	37.08	631.69	0.01	9.79	21.29
91	Daycare Z	673735.9	4858958.0		5.95	37.09	631.70	0.01	9.79	21.29
92	Daycare AA	673121.8	4863385.9		5.95	37.08	631.70	0.01	9.79	21.29
93	Daycare BB	673904.8	4862282.2		5.96	37.12	631.71	0.01	9.79	21.29
94	Daycare CC	671471.6	4861795.3		5.95	37.07	631.69	0.01	9.79	21.29
95	Daycare DD	673057.3	4862625.6		5.95	37.10	631.70	0.01	9.79	21.29
96	Daycare EE	674917.1	4863957.2		5.95	37.09	631.70	0.01	9.79	21.29
97	Daycare FF	671356.6	4862954.4		5.95	37.09	631.70	0.01	9.79	21.29
98	Daycare GG	671675.5	4862705.8	5.95	37.09	631.70	0.01	9.79	21.29	
99	Daycare HH	671604.8	4860138.1	5.94	37.07	631.69	0.01	9.79	21.29	



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
100	Daycare II	670945.2	4857983.8		5.94	37.06	631.69	9.40E-03	9.79	21.29
101	Daycare JJ	677514.6	4864744.1		5.95	37.08	631.70	0.01	9.79	21.29
102	Daycare KK	676519.9	4862680.1		5.96	37.14	631.72	0.02	9.80	21.29
103	Daycare LL	677660.6	4863601.3		5.95	37.10	631.70	0.02	9.79	21.29
104	Court. Subdivision 11	677665.8	4863406.6		5.96	37.11	631.71	0.02	9.79	21.29
105	Daycare NN	674866.3	4864667.2		5.95	37.08	631.70	0.01	9.79	21.29
106	Daycare OO	673201.0	4864746.4		5.94	37.07	631.69	0.01	9.79	21.29
107	Daycare PP	674794.5	4864915.4		5.95	37.08	631.69	0.01	9.79	21.29
108	Hospital	686324.2	4864395.8		5.96	37.13	631.71	0.02	9.80	21.29
109	Hospital (Children s)	676057.8	4862180.9		5.97	37.16	631.73	0.02	9.80	21.30
110	Hospital	671233.2	4863615.9		5.95	37.08	631.70	0.01	9.79	21.29
111	Comm. Resp. Services	676045.4	4863902.5		5.95	37.09	631.70	0.01	9.79	21.29
112	Hospital	671712.7	4862364.1		5.95	37.09	631.70	0.01	9.79	21.29
113	Retirement Residence A	684199.9	4864120.3		5.98	37.19	631.74	0.02	9.80	21.30
114	Retirement Residence B	685483.9	4865150.9		5.97	37.15	631.72	0.02	9.80	21.30
115	Retirement Residence C	686844.0	4864732.1		5.96	37.12	631.71	0.02	9.79	21.29
116	Retirement Residence D	673481.7	4863343.4		5.95	37.08	631.70	0.01	9.79	21.29
117	Retirement Residence E	671825.2	4864399.0		5.94	37.07	631.69	0.01	9.79	21.29
118	Retirement Residence F	671606.3	4864536.0		5.94	37.07	631.69	0.01	9.79	21.29
119	Retirement Residence G	671357.1	4862958.7		5.95	37.09	631.70	0.01	9.79	21.29
120	Retirement Residence H	671514.0	4862262.9		5.95	37.08	631.70	0.01	9.79	21.29
121	Retirement Residence I	672602.2	4863075.9		5.95	37.09	631.70	0.01	9.79	21.29
122	Retirement Residence J	671719.1	4862893.1		5.95	37.09	631.70	0.01	9.79	21.29
123	Retirement Residence K	686718.0	4865648.7		5.96	37.12	631.71	0.02	9.80	21.29
124	Retirement Residence L	676168.7	4865669.9		5.94	37.07	631.69	0.01	9.79	21.29
125	Retirement Residence M	676118.5	4863980.7		5.95	37.09	631.70	0.01	9.79	21.29
126	Bow. Subdivision 12	684649.2	4863182.7		5.98	37.18	631.73	0.02	9.80	21.29
127	Primary School B	685384.8	4863575.3		5.97	37.16	631.72	0.02	9.80	21.29
128	Primary School C	685021.6	4863952.9		5.97	37.16	631.72	0.02	9.80	21.30
129	Primary School D	686237.0	4864085.5		5.96	37.13	631.72	0.02	9.79	21.29
130	Primary School E	686719.0	4863734.7		5.96	37.13	631.71	0.01	9.79	21.29
131	Primary School F	686357.0	4864754.9		5.96	37.13	631.71	0.02	9.80	21.29
132	Primary School G	685502.0	4865013.4	5.97	37.15	631.72	0.02	9.80	21.30	



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
133	Primary School H	686726.7	4866061.5		5.96	37.12	631.71	0.02	9.80	21.29
134	Primary School I	685186.2	4866568.2		5.96	37.13	631.71	0.02	9.80	21.29
135	Primary School J	685965.3	4866979.0		5.96	37.12	631.71	0.02	9.80	21.29
136	Primary School K	677709.9	4864726.5		5.95	37.08	631.70	0.01	9.79	21.29
137	Primary School L	675988.3	4864270.2		5.95	37.09	631.70	0.01	9.79	21.29
138	Primary School M	676608.7	4862739.0		5.96	37.14	631.72	0.02	9.80	21.29
139	Primary School N	677222.2	4863759.1		5.95	37.10	631.70	0.01	9.79	21.29
140	Primary School O	678154.9	4863872.7		5.95	37.10	631.70	0.01	9.79	21.29
141	Court. Subdivision 12	678309.6	4863600.8		5.96	37.11	631.71	0.02	9.79	21.29
142	Primary School Q	677010.6	4862470.6		5.97	37.15	631.72	0.02	9.80	21.30
143	Primary School R	677431.3	4866694.7		5.94	37.07	631.69	0.01	9.79	21.29
144	Primary School S	675266.2	4863562.9		5.95	37.10	631.70	0.01	9.79	21.29
145	Primary School T	673479.2	4860029.4		5.95	37.08	631.69	0.01	9.79	21.29
146	Primary School U	670856.0	4860710.6		5.94	37.07	631.69	0.01	9.79	21.29
147	Primary School V	672660.2	4863909.2		5.95	37.07	631.69	0.01	9.79	21.29
148	Primary School W	672735.2	4859232.9		5.95	37.09	631.70	0.01	9.79	21.29
149	Primary School X	673575.8	4862688.6		5.95	37.10	631.70	0.01	9.79	21.29
150	Primary School Y	673710.3	4861969.0		5.96	37.11	631.71	0.01	9.79	21.29
151	Primary School Z	672366.0	4859928.1		5.94	37.07	631.69	0.01	9.79	21.29
152	Primary School AA	672561.7	4866047.1		5.94	37.07	631.69	9.37E-03	9.79	21.28
153	Primary School BB	675095.1	4862930.4		5.96	37.11	631.71	0.01	9.79	21.29
154	Primary School CC	673242.6	4865197.9		5.94	37.07	631.69	0.01	9.79	21.29
155	Primary School DD	674164.9	4863031.3		5.95	37.09	631.70	0.01	9.79	21.29
156	Primary School EE	671905.6	4864697.8		5.94	37.07	631.69	0.01	9.79	21.29
157	Primary School FF	673294.9	4858774.5		5.95	37.08	631.69	0.01	9.79	21.29
158	Primary School GG	671659.7	4863120.0	5.95	37.09	631.70	0.01	9.79	21.29	
159	Primary School HH	673853.4	4866711.0	5.94	37.06	631.69	9.71E-03	9.79	21.29	
160	Primary School II	672616.7	4862114.9	5.95	37.10	631.70	0.01	9.79	21.29	
161	Primary School JJ	673567.2	4861899.5	5.95	37.11	631.70	0.01	9.79	21.29	
162	Primary School KK	671791.0	4861954.2	5.95	37.08	631.70	0.01	9.79	21.29	
163	Primary School LL	673762.3	4864210.6	5.95	37.08	631.69	0.01	9.79	21.29	
164	Primary School MM	672238.8	4864621.3	5.94	37.07	631.69	0.01	9.79	21.29	
165	Primary School NN	673213.6	4858677.0	5.95	37.07	631.69	0.01	9.79	21.29	



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
166	Primary School OO	675474.8	4863221.7		5.96	37.11	631.71	0.01	9.79	21.29
167	Primary School PP	672441.8	4858748.6		5.94	37.07	631.69	0.01	9.79	21.29
168	Primary School QQ	672796.8	4864438.2		5.94	37.07	631.69	0.01	9.79	21.29
169	Primary School RR	671351.4	4863284.0		5.95	37.09	631.70	0.01	9.79	21.29
170	Primary School SS	673213.9	4862125.5		5.95	37.10	631.70	0.01	9.79	21.29
171	Primary School TT	671017.9	4860953.7		5.94	37.07	631.69	0.01	9.79	21.29
172	Primary School UU	670991.0	4861089.8		5.94	37.07	631.69	0.01	9.79	21.29
173	Primary School VV	674150.1	4862294.8		5.96	37.12	631.71	0.01	9.79	21.29
174	Primary School WW	672005.2	4861707.9		5.95	37.08	631.69	0.01	9.79	21.29
175	Primary School XX	684172.1	4863615.6		5.98	37.20	631.74	0.02	9.80	21.30
176	Primary School YY	683923.3	4866636.4		5.96	37.14	631.72	0.02	9.80	21.30
177	Primary School ZZ	680446.0	4865770.5		5.96	37.11	631.71	0.02	9.80	21.29
178	Vacant School	685612.9	4864520.0		5.97	37.15	631.72	0.02	9.80	21.29
179	Secondary School A	686291.4	4865064.3		5.96	37.13	631.71	0.02	9.80	21.29
180	Secondary School B	683875.0	4864741.7		5.98	37.19	631.73	0.02	9.80	21.30
181	Secondary School C	684650.3	4866460.3		5.96	37.13	631.71	0.02	9.80	21.29
182	Secondary School D	678099.5	4864838.2		5.95	37.08	631.69	0.01	9.79	21.29
183	Secondary School E	678467.0	4863431.2		5.96	37.11	631.71	0.02	9.79	21.29
184	Secondary School F	674144.9	4862762.7		5.95	37.10	631.70	0.01	9.79	21.29
185	Secondary School G	673816.0	4864357.1	5.95	37.08	631.69	0.01	9.79	21.29	
186	Secondary School H	673145.4	4858569.0	5.94	37.07	631.69	0.01	9.79	21.29	
187	Secondary School I	671291.7	4863581.3	5.95	37.09	631.70	0.01	9.79	21.29	
188	Secondary School J	671443.2	4861664.9	5.94	37.07	631.69	0.01	9.79	21.29	
189	Secondary School K	673235.3	4860885.0	5.95	37.08	631.69	0.01	9.79	21.29	
190	Secondary Schook L	684252.7	4866500.5	5.96	37.14	631.72	0.02	9.80	21.30	
191	Secondary School M	673914.1	4859551.7	5.95	37.10	631.70	0.01	9.79	21.29	
192	Secondary School N	675051.5	4864177.2	5.95	37.09	631.70	0.01	9.79	21.29	
193	Adult School	685276.1	4866019.8	5.96	37.13	631.71	0.02	9.80	21.29	
194	Bow. Valley Cons. 1	685356.6	4864521.2	5.97	37.15	631.72	0.02	9.80	21.29	
195	Bow. Valley Cons. 2	685627.7	4864167.8	5.96	37.14	631.72	0.02	9.80	21.29	
196	Bow. Valley Cons. 4	685852.7	4863640.2	5.97	37.15	631.72	0.02	9.79	21.29	
197	Bow. Valley Cons. 5	686163.1	4863621.5	5.96	37.14	631.72	0.01	9.79	21.29	
198	Bow. Valley Cons. 6	685931.9	4863380.6	5.97	37.15	631.72	0.01	9.79	21.29	



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO ₂)	Nitrogen Oxides (NO _x)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m ³)	5.92	37.00	631.66		9.78	21.28
199	Maple Grove 1	681688.5	4864717.0		5.96	37.14	631.72	0.02	9.80	21.29
200	Maple Grove 2	681768.9	4864631.8		5.96	37.14	631.72	0.02	9.80	21.30
201	Maple Grove 3	681894.9	4864506.8		5.97	37.14	631.72	0.02	9.80	21.30
202	Maple Grove 4	681974.8	4864443.2		5.97	37.15	631.72	0.02	9.80	21.30
203	Maple Grove 5	681942.2	4864676.7		5.96	37.14	631.72	0.02	9.80	21.30
204	Maple Grove 6	682053.2	4864586.2		5.97	37.15	631.72	0.02	9.80	21.30
205	Maple Grove 7	682168.5	4864631.3		5.97	37.15	631.72	0.02	9.80	21.30
206	Maple Grove 8	682261.7	4864520.9		5.97	37.17	631.73	0.02	9.80	21.30
207	Maple Grove 9	682382.1	4864589.4		5.97	37.17	631.73	0.02	9.80	21.30
208	Maple Grove 10	682459.8	4864499.2		5.98	37.19	631.73	0.02	9.80	21.30
209	Port Darlington 1	686227.8	4861159.0		5.98	37.20	631.74	0.02	9.80	21.30
210	Port Darlington 2	686184.8	4861252.0		5.98	37.20	631.74	0.02	9.80	21.30
211	Port Darlington 3	686151.2	4861286.8		5.98	37.19	631.74	0.02	9.80	21.30
212	Port Darlington 4	686351.1	4861341.6		5.98	37.20	631.74	0.02	9.80	21.30
213	Port Darlington 5	686406.8	4861448.7		5.98	37.19	631.74	0.02	9.80	21.30
214	Port Darlington 6	686504.5	4861604.0		5.98	37.19	631.74	0.02	9.80	21.30
215	Port Darlington 7	686703.0	4861789.3		5.98	37.18	631.73	0.02	9.80	21.30
216	Port Darlington 8	686895.8	4861960.2		5.97	37.16	631.73	0.02	9.80	21.29
217	Port Darlington 9	686867.4	4862119.7		5.97	37.15	631.72	0.02	9.80	21.29
218	Port Darlington 10	687190.7	4862048.8		5.97	37.15	631.72	0.02	9.80	21.29
219	Port Darlington 11	687524.4	4862126.8		5.97	37.15	631.72	0.02	9.79	21.29
220	Campground 1	678646.3	4860337.7		6.02	37.33	631.79	0.03	9.81	21.32
221	Campground 2	678410.2	4860148.6		5.99	37.23	631.75	0.02	9.80	21.31
222	Campground 3	678651.0	4860054.4	5.98	37.21	631.74	0.02	9.80	21.30	
223	Campground 4	678725.9	4859860.7	5.98	37.19	631.74	0.02	9.80	21.30	
224	Campground 5	678511.1	4859808.6	5.97	37.17	631.73	0.02	9.80	21.30	
225	Campground 6	678869.5	4859696.0	5.97	37.16	631.73	0.02	9.80	21.30	
226	Campground 7	678723.9	4860201.8	6.00	37.27	631.77	0.03	9.80	21.31	
227	Campground 8	678796.0	4860011.4	5.98	37.20	631.74	0.02	9.80	21.30	
228	Campground 9	678852.7	4859854.2	5.98	37.19	631.74	0.02	9.80	21.30	
229	Solina 1	681099.6	4861677.2	6.01	37.28	631.77	0.03	9.81	21.33	
230	Solina 2	681115.7	4861857.7	6.01	37.29	631.77	0.03	9.81	21.32	
231	Solina 3	680987.4	4861983.5	5.99	37.23	631.76	0.03	9.80	21.32	



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
232	Solina 4	680965.0	4862068.1		5.99	37.23	631.75	0.03	9.80	21.31
233	Solina 5	681021.5	4862086.7		5.99	37.24	631.76	0.03	9.80	21.31
234	Solina 6	680939.8	4862124.3		5.99	37.22	631.75	0.03	9.80	21.31
235	Solina 7	680988.2	4862183.6		5.99	37.22	631.75	0.03	9.80	21.31
236	Solina 8	680984.6	4862209.8		5.99	37.22	631.75	0.03	9.80	21.31
237	Solina 9	680958.6	4862294.9		5.99	37.22	631.75	0.02	9.80	21.31
238	Solina 10	680858.0	4862324.3		5.98	37.21	631.74	0.02	9.80	21.31
239	Solina 11	680990.3	4862403.5		5.99	37.22	631.75	0.02	9.80	21.31
240	Recreational 1	681545.0	4860865.0		5.99	37.23	631.76	0.03	9.80	21.34
241	Recreational 2	681563.7	4860687.4		5.99	37.22	631.76	0.03	9.80	21.35
242	Recreational 3	681579.7	4860610.0		5.99	37.23	631.76	0.03	9.80	21.35
243	Recreational 6	681876.6	4860254.4		6.00	37.26	631.76	0.03	9.80	21.33
244	Recreational 7	682166.9	4860324.4		6.00	37.27	631.77	0.03	9.81	21.32
245	Darlington 1	679565.4	4861052.9		6.00	37.25	631.76	0.03	9.80	21.32
246	Darlington 2	679452.9	4861051.4		6.00	37.26	631.76	0.03	9.81	21.32
247	Darlington 3	679130.5	4860948.8		6.01	37.30	631.78	0.03	9.81	21.32
248	Darlington 4	679112.6	4860941.9		6.01	37.30	631.78	0.03	9.81	21.32
249	Darlington 5	679057.6	4860994.1		6.01	37.30	631.78	0.03	9.81	21.32
250	Darlington 6	679075.2	4860931.6		6.01	37.30	631.78	0.03	9.81	21.32
251	Darlington 7	678814.3	4860843.1		6.03	37.36	631.80	0.03	9.81	21.32
252	Darlington 8	678840.4	4860777.1		6.03	37.37	631.80	0.03	9.81	21.32
253	Light Ind. 1	680000.1	4861034.1		5.98	37.21	631.75	0.03	9.80	21.33
254	Light Ind. 2	680060.7	4861056.4		5.98	37.21	631.75	0.03	9.80	21.33
255	Light Ind. 3	680291.2	4861151.6		5.98	37.19	631.74	0.03	9.80	21.34
256	Light Ind. 4	680536.3	4861204.6		5.98	37.20	631.74	0.03	9.80	21.34
257	Light Ind. 5	680350.4	4861290.6		5.98	37.19	631.74	0.03	9.80	21.33
258	Light Ind. 6	680306.9	4861275.6	5.98	37.20	631.74	0.03	9.80	21.33	
259	Light Ind. 7	680267.2	4861262.4	5.98	37.20	631.74	0.03	9.80	21.33	
260	Light Ind. 8	680233.6	4861250.7	5.98	37.20	631.74	0.03	9.80	21.33	
261	Light Ind. 9	680175.3	4861227.5	5.98	37.21	631.75	0.03	9.80	21.33	
262	Light Ind. 10	680092.5	4861185.1	5.98	37.21	631.75	0.03	9.80	21.32	
263	Light Ind. 11	680071.6	4861246.6	5.98	37.21	631.75	0.03	9.80	21.32	
264	Light Ind. 12	680021.4	4861186.9	5.99	37.21	631.75	0.03	9.80	21.32	



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
265	Future Industrial 7	680816.2	4860219.3		5.96	37.15	631.82	0.13	9.81	21.89
266	Future Industrial 8	680398.0	4860731.8		5.96	37.15	631.75	0.05	9.80	21.49
267	Future Industrial 1	680359.6	4859959.2		5.95	37.09	631.73	0.05	9.80	21.46
268	Future Industrial 2	680083.7	4859985.7		5.94	37.08	631.71	0.03	9.79	21.37
269	Future Industrial 3	680819.9	4860705.3		5.97	37.16	631.75	0.06	9.80	21.52
270	Future Industrial 4	681070.0	4859937.2		6.00	37.27	631.78	0.05	9.81	21.43
271	Future Industrial 5	679898.8	4860067.4		5.95	37.09	631.71	0.02	9.79	21.34
272	Future Industrial 6	680134.8	4860694.1		5.96	37.15	631.74	0.04	9.80	21.39
273	Future Industrial 11	680253.7	4860255.2		5.95	37.11	631.75	0.06	9.80	21.56
274	Future Industrial 12	679901.2	4860511.8		5.97	37.15	631.73	0.03	9.80	21.37
275	Commercial Farmer	679867.8	4860445.4		5.96	37.15	631.73	0.03	9.80	21.36
276	Farmer	679277.0	4859981.5		5.97	37.16	631.73	0.02	9.80	21.31
277	Residence	679387.2	4860648.9		6.01	37.30	631.78	0.03	9.81	21.33
278	Barn	679261.9	4860574.2		6.02	37.34	631.79	0.03	9.81	21.33
279	Residence	680150.7	4861295.7		5.98	37.21	631.75	0.03	9.80	21.32
280	Residence	679939.8	4861213.4		5.99	37.22	631.75	0.03	9.80	21.32
281	Farmer	680855.7	4861456.9		5.99	37.25	631.76	0.03	9.81	21.33
282	Farmer	681386.2	4861673.3		6.03	37.36	631.80	0.04	9.81	21.33
283	Residence	680683.5	4861597.9		5.99	37.22	631.75	0.03	9.80	21.32
284	Business	680064.3	4861343.7		5.98	37.21	631.75	0.03	9.80	21.32
285	Farmer	679680.1	4861213.5		5.99	37.25	631.76	0.03	9.80	21.32
286	Farmer	681344.8	4861792.9		6.02	37.34	631.79	0.03	9.81	21.33
287	Youth Centre	685644.2	4864814.8		5.97	37.15	631.72	0.02	9.80	21.29
288	Bowmanville Arena	685462.9	4864615.2		5.97	37.15	631.72	0.02	9.80	21.30
289	Bowmanville Rec Complex	684160.3	4864604.5		5.98	37.18	631.73	0.02	9.80	21.30
290	Recreation Complex	684586.6	4862406.3		5.97	37.17	631.73	0.02	9.80	21.30
291	Superdog Central	681487.7	4865723.3		5.96	37.11	631.71	0.02	9.79	21.29
292	Equestrian Centre	681567.1	4863670.7		5.97	37.17	631.73	0.02	9.80	21.30
293	Flea Market	678574.6	4862819.4		5.96	37.13	631.71	0.02	9.80	21.29
294	Equestrian Centre	680030.8	4867320.2	5.95	37.08	631.69	0.01	9.79	21.29	
295	Courtice Community Complex	678099.3	4864629.8	5.95	37.08	631.70	0.01	9.79	21.29	
296	Former Restaurant	679830.2	4860702.2	5.98	37.19	631.74	0.03	9.80	21.35	
297	Commercial	679364.8	4861016.0	6.00	37.26	631.76	0.03	9.81	21.32	



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
298	GM Oshawa Headquarters	676418.3	4860463.7		5.98	37.18	631.73	0.02	9.80	21.30
299	Farm A?	682972.3	4862201.9		6.00	37.25	631.76	0.03	9.80	21.31
300	Farm B?	683546.9	4861959.7		5.99	37.22	631.75	0.02	9.80	21.30
301	Farm C?	682547.5	4862321.1		6.01	37.31	631.78	0.03	9.81	21.31
302	Farm D?	683238.3	4862393.3		5.99	37.23	631.75	0.02	9.80	21.30
303	Farm E?	682512.6	4862858.0		6.01	37.31	631.78	0.03	9.81	21.31
304	Farm F?	683129.1	4863649.4		5.99	37.24	631.76	0.03	9.80	21.31
305	Bennett 1	688209.3	4862512.1		5.96	37.13	631.71	0.01	9.79	21.29
306	Bennett 2	687990.0	4863221.3		5.96	37.11	631.71	0.01	9.79	21.29
307	Bennett 3	688818.4	4862836.3		5.95	37.11	631.70	0.01	9.79	21.29
308	Bennett 4	689045.1	4863365.5		5.95	37.10	631.70	0.01	9.79	21.29
309	Bennett 5	688270.5	4863763.1		5.96	37.11	631.71	0.01	9.79	21.29
310	Bennett 6	689908.5	4863100.5		5.95	37.10	631.70	0.01	9.79	21.29
311	Bennett 7	688929.9	4864392.0		5.96	37.12	631.71	0.01	9.79	21.29
312	Bennett 8	689684.2	4863837.7		5.95	37.10	631.70	0.01	9.79	21.29
313	Soper 1	687557.9	4862512.4		5.96	37.12	631.71	0.01	9.79	21.29
314	Soper 2	687241.9	4863171.7		5.96	37.12	631.71	0.01	9.79	21.29
315	Soper 3	687023.2	4863903.8		5.96	37.13	631.71	0.01	9.79	21.29
316	Soper 4	688158.2	4865389.3		5.96	37.11	631.71	0.01	9.79	21.29
317	Soper 5	685027.3	4868253.9		5.96	37.12	631.71	0.02	9.80	21.29
318	Soper 6	687287.4	4867037.3		5.96	37.12	631.71	0.02	9.80	21.29
319	Soper 7	685683.2	4867148.1		5.96	37.12	631.71	0.02	9.80	21.29
320	Soper 8	686748.7	4865874.7		5.96	37.12	631.71	0.02	9.80	21.29
321	Bowmanville 1	687026.3	4862368.4		5.96	37.13	631.71	0.01	9.79	21.29
322	Bowmanville 2	686625.7	4863020.3		5.96	37.13	631.71	0.01	9.79	21.29
323	Bowmanville 3	683380.3	4865365.9		5.98	37.18	631.73	0.02	9.80	21.30
324	Bowmanville 4	683111.4	4867150.3		5.95	37.11	631.70	0.02	9.79	21.29
325	Bowmanville 5	682452.2	4869417.5		5.94	37.07	631.69	0.01	9.79	21.29
326	Bowmanville 6	684778.5	4864888.2		5.97	37.16	631.73	0.02	9.80	21.30
327	Bowmanville 7	684549.5	4866404.4		5.96	37.14	631.72	0.02	9.80	21.29
328	Upper Tooley 1	679944.8	4864883.1		5.96	37.12	631.71	0.02	9.80	21.29
329	Upper Tooley 2	679055.1	4863885.8		5.96	37.11	631.71	0.02	9.79	21.29
330	Upper Tooley 3	679714.0	4862767.4		5.97	37.16	631.73	0.02	9.80	21.30



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
331	Upper Tooley 4	678898.8	4861800.6		5.99	37.22	631.75	0.02	9.80	21.31
332	Upper Tooley 5	680353.5	4862156.5		5.99	37.23	631.75	0.03	9.80	21.31
333	Upper Tooley 6	679818.1	4861625.7		5.98	37.19	631.74	0.02	9.80	21.31
334	Robinson 1	678434.8	4860943.1		6.03	37.35	631.80	0.03	9.81	21.31
335	Robinson 2	677752.6	4861240.6		6.00	37.26	631.76	0.03	9.80	21.30
336	Robinson 3	677642.2	4861787.2		5.98	37.20	631.74	0.02	9.80	21.30
337	Robinson 4	678532.7	4862143.6		5.98	37.19	631.74	0.02	9.80	21.30
338	Robinson 5	678005.1	4862784.9		5.96	37.14	631.72	0.02	9.80	21.30
339	Robinson 6	677882.7	4860587.7		6.01	37.30	631.78	0.03	9.81	21.31
340	F/B 1	677443.1	4867862.1		5.94	37.06	631.69	0.01	9.79	21.29
341	F/B 2	679667.4	4866611.4		5.95	37.09	631.70	0.02	9.79	21.29
342	F/B 3	678655.0	4867470.1		5.95	37.08	631.69	0.01	9.79	21.29
343	F/B 4	676191.2	4866844.7		5.94	37.06	631.69	0.01	9.79	21.29
344	F/B 5	678273.3	4866093.0		5.95	37.08	631.69	0.01	9.79	21.29
345	F/B 6	681241.2	4867098.8		5.95	37.09	631.70	0.01	9.79	21.29
346	F/B 7	682165.3	4868082.3		5.95	37.08	631.70	0.01	9.79	21.29
347	F/B 8	679366.6	4868628.3		5.94	37.07	631.69	0.01	9.79	21.29
348	F/B 9	680310.1	4869967.1		5.94	37.06	631.69	0.01	9.79	21.29
349	F/B 10	676487.3	4869291.6		5.94	37.06	631.69	0.01	9.79	21.29
350	F/B 11	676851.4	4865409.3		5.95	37.08	631.69	0.01	9.79	21.29
351	F/B 12	681153.3	4868682.2		5.95	37.07	631.69	0.01	9.79	21.29
352	F/B 13	675416.3	4859833.9		5.96	37.12	631.71	0.02	9.79	21.29
353	Second 1	675153.4	4860552.8		5.96	37.12	631.71	0.01	9.79	21.29
354	Second 2	675297.5	4860891.3		5.96	37.13	631.71	0.02	9.80	21.29
355	Second 3	675647.2	4860644.9		5.96	37.14	631.72	0.02	9.80	21.29
356	Second 4	675670.5	4860076.5		5.96	37.13	631.71	0.01	9.79	21.29
357	Second 5	676043.3	4860319.1		5.97	37.15	631.72	0.02	9.79	21.29
358	Second 6	675923.4	4859821.4		5.96	37.14	631.72	0.02	9.80	21.29
359	McLaughlin Bay 1	676714.7	4860903.8		5.99	37.21	631.75	0.02	9.80	21.30
360	McLaughlin Bay 2	677310.8	4860528.2		5.99	37.24	631.76	0.02	9.80	21.30
361	McLaughlin Bay 3	676563.5	4860260.1		5.97	37.17	631.73	0.02	9.80	21.30
362	McLaughlin Bay 4	676699.5	4859696.6		5.97	37.17	631.73	0.02	9.80	21.30
363	McLaughlin Bay 5	677560.0	4860060.1		5.98	37.18	631.73	0.02	9.80	21.30



Appendix H - 8: Maximum Annual Predicted CoPC at Special Receptors Including On-site Traffic Emissions - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter
		(m)	(m)	Background Concentration (ug/m3)	5.92	37.00	631.66		9.78	21.28
364	McLaughlin Bay 6	678204.5	4859832.5		5.97	37.15	631.72	0.02	9.80	21.30
365	Harmony Creek 1	674178.3	4861024.2		5.95	37.10	631.70	0.01	9.79	21.29
366	Harmony Creek 2	674592.0	4862605.3		5.95	37.11	631.70	0.01	9.79	21.29
367	Harmony Creek 3	672863.4	4862808.0		5.95	37.10	631.70	0.01	9.79	21.29
368	Harmony Creek 4	675671.6	4864469.0		5.95	37.08	631.70	0.01	9.79	21.29
369	Harmony Creek 5	672443.1	4864713.0		5.94	37.07	631.69	0.01	9.79	21.29
370	Harmony Creek 6	674830.5	4866909.6		5.94	37.06	631.69	0.01	9.79	21.29
371	Harmony Creek 7	675799.9	4868594.1		5.94	37.06	631.69	0.01	9.79	21.29
372	Westside 1	686082.6	4862776.6		5.96	37.13	631.71	0.01	9.79	21.29
373	Westside 2	685778.7	4862137.9		5.97	37.15	631.72	0.02	9.80	21.29
374	Westside 3	685084.2	4862827.4		5.97	37.17	631.73	0.02	9.80	21.29
375	Darlington 1	680977.5	4865674.4		5.96	37.11	631.71	0.02	9.80	21.29
376	Darlington 2	680913.9	4863967.1		5.97	37.15	631.72	0.02	9.80	21.30
377	Darlington 3	682602.8	4863659.6		6.00	37.26	631.76	0.03	9.81	21.31
378	Darlington 4	682206.4	4862910.4		6.01	37.31	631.78	0.03	9.81	21.31
379	Darlington 5	683223.2	4861114.0		6.02	37.32	631.79	0.03	9.81	21.31
380	Darlington 6	683947.7	4862362.0		5.99	37.22	631.75	0.02	9.80	21.30
381	Darlington 7	685361.9	4861143.4		5.98	37.19	631.74	0.02	9.80	21.30
382	Bennett ECO/HH	688606.4	4862634.8		5.96	37.11	631.71	0.01	9.79	21.29
383	Oshawa ECO/HH	673884.9	4859128.9		5.95	37.10	631.70	0.01	9.79	21.29
384	Oshawa Creek 1	671671.2	4862793.7		5.95	37.09	631.70	0.01	9.79	21.29
385	Oshawa Creek 2	671668.5	4861589.5		5.94	37.07	631.69	0.01	9.79	21.29
386	Oshawa Creek 3	672820.2	4861287.2		5.95	37.08	631.69	0.01	9.79	21.29
387	Oshawa Creek 4	672360.3	4860262.6		5.94	37.07	631.69	0.01	9.79	21.29
388	Oshawa Creek 5	673921.2	4860115.0		5.95	37.08	631.70	0.01	9.79	21.29
389	Oshawa Creek 6	673154.0	4859421.9		5.95	37.09	631.70	0.01	9.79	21.29
390	Farmer	677409.8	4861051.4		6.00	37.28	631.77	0.03	9.80	21.31
391	Commercial Market	688276.3	4864698.5		5.96	37.12	631.71	0.01	9.79	21.29

