

# APPENDIX F

## Concentration Predictions at Special Receptors

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	2.48E-09	2.98E-06	1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03										
					19.52			64.57	1040.00		22.82	86.16			5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	
1	Campground 10	678526.8	4859996.8		24.54	1.29	0.13	81.92	1046.45	2.65	25.47	88.81	0.77	7.02		6.64E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02	7.83E-04	0.21
2	ECO 2	675490.4	4860360.1		22.07	0.66	0.07	73.38	1043.28	2.30	25.12	88.46	0.39	3.57		6.21E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20
3	Recreational 5	681642.0	4860349.3		29.64	2.60	0.26	99.55	1053.01	2.80	25.62	88.96	1.56	14.16		7.51E-08	1.23E-04		0.53	8.14E-03	4.53E-03	0.02	8.32E-04	0.23
4	ECO 4	676831.5	4859840.9		21.96	0.63	0.06	73.02	1043.14	1.21	24.03	87.37	0.38	3.42		6.20E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20
5	Bow. Valley Cons. 3	685767.2	4863879.0		21.25	0.44	0.04	70.55	1042.22	1.26	24.08	87.42	0.27	2.42		6.07E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19
6	ECO 6	679647.8	4859989.3		26.39	1.77	0.18	88.34	1048.84	2.06	24.88	88.22	1.06	9.62		6.96E-08	1.16E-04		0.53	7.88E-03	4.49E-03	0.02	8.01E-04	0.22
7	ECO 7	681578.8	4862070.1		24.04	1.16	0.12	80.18	1045.81	1.93	24.75	88.09	0.70	6.32		6.55E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.78E-04	0.20
8	ECO 8	679735.5	4861048.6		28.91	2.42	0.24	97.05	1052.08	2.74	25.56	88.90	1.45	13.15		7.39E-08	1.22E-04		0.53	8.08E-03	4.52E-03	0.02	8.25E-04	0.23
9	ECO 9	687219.7	4864249.3		20.96	0.37	0.04	69.53	1041.85	1.30	24.12	87.46	0.22	2.01		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19
10	ECO 10	686519.0	4861987.6		21.28	0.45	0.05	70.64	1042.26	0.89	23.71	87.05	0.27	2.46		6.08E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19
11	ECO 11	679870.4	4859737.9		24.16	1.19	0.12	80.60	1045.96	1.80	24.62	87.96	0.72	6.49		6.57E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02	7.80E-04	0.21
12	Recreational 4	681575.5	4860557.7		31.75	3.14	0.31	106.84	1055.72	3.33	26.15	89.49	1.89	17.12		7.87E-08	1.28E-04		0.53	8.30E-03	4.55E-03	0.02	8.52E-04	0.24
13	Future Industrial 9	680704.5	4859857.8		25.26	1.48	0.15	84.41	1047.38	3.31	26.13	89.47	0.89	8.03		6.76E-08	1.14E-04		0.52	7.79E-03	4.48E-03	0.02	7.90E-04	0.21
14	Future Industrial 10	680608.0	4860719.6		35.23	4.04	0.40	118.88	1060.20	5.89	28.71	92.05	2.42	21.99		8.47E-08	1.35E-04		0.54	8.58E-03	4.60E-03	0.02	8.85E-04	0.25
15	Harmony Creek	673992.4	4865641.4		20.46	0.24	0.02	67.83	1041.21	0.90	23.72	87.06	0.15	1.32		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19
16	Farewell Creek	678079.2	4868822.7		20.54	0.26	0.03	68.10	1041.31	1.32	24.14	87.48	0.16	1.43		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19
17	Farmer	681378.6	4860335.0		29.49	2.56	0.26	99.05	1052.82	2.78	25.60	88.94	1.54	13.96		7.49E-08	1.23E-04		0.53	8.13E-03	4.53E-03	0.02	8.30E-04	0.23
18	Watson Farm	682883.4	4864219.7		22.70	0.82	0.08	75.56	1044.08	1.53	24.35	87.69	0.49	4.45		6.32E-08	1.09E-04		0.52	7.59E-03	4.45E-03	0.02	7.66E-04	0.20
19	Racanski Farm	678929.2	4865530.2		21.03	0.39	0.04	69.80	1041.94	1.25	24.07	87.41	0.23	2.12		6.04E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
20	Zoo	687216.8	4864835.3		20.66	0.29	0.03	68.51	1041.46	1.32	24.14	87.48	0.18	1.59		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
21	Cedar Crest Beach	686652.1	4861660.9		21.62	0.54	0.05	71.84	1042.70	0.95	23.77	87.11	0.32	2.94		6.14E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19
22	Darlington Prov Park Beach	677844.6	4859718.2		22.39	0.74	0.07	74.49	1043.69	1.95	24.77	88.11	0.44	4.01		6.27E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20
23	OPG 1	682258.1	4860045.0		23.54	1.03	0.10	78.47	1045.17	2.23	25.05	88.39	0.62	5.63		6.47E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.74E-04	0.20
24	OPG 2	682551.4	4859889.1		24.42	1.26	0.13	81.51	1046.30	1.99	24.81	88.15	0.76	6.86		6.62E-08	1.12E-04		0.52	7.73E-03	4.47E-03	0.02	7.82E-04	0.21
25	OPG 3	682824.6	4859759.3		22.57	0.78	0.08	75.11	1043.92	1.78	24.60	87.94	0.47	4.27		6.30E-08	1.09E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20
26	OPG 4	683021.6	4859937.3		23.26	0.96	0.10	77.50	1044.81	1.72	24.54	87.88	0.58	5.24		6.42E-08	1.10E-04		0.52	7.64E-03	4.45E-03	0.02	7.71E-04	0.20
27	OPG 5	683318.2	4859677.8		22.36	0.73	0.07	74.38	1043.65	1.55	24.37	87.71	0.44	3.97		6.26E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.62E-04	0.20
28	OPG 6	683306.9	4860023.0		22.86	0.86	0.09	76.12	1044.29	1.56	24.38	87.72	0.52	4.68		6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.67E-04	0.20
29	OPG 7	683718.6	4859915.8		22.70	0.82	0.08	75.57	1044.09	1.38	24.20	87.55	0.49	4.45		6.32E-08	1.09E-04		0.52	7.59E-03	4.45E-03	0.02	7.66E-04	0.20
30	OPG 8	682702.0	4859998.6		23.28	0.97	0.10	77.58	1044.84	1.95	24.77	88.11	0.58	5.27		6.42E-08	1.10E-04		0.52	7.64E-03	4.45E-03	0.02	7.71E-04	0.20
31	OPG 9	684347.7	4861184.6		22.15	0.68	0.07	73.68	1043.39	1.09	23.91	87.25	0.41	3.69		6.23E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.61E-04	0.20
32	OPG 10	682157.2	4861228.2		25.07	1.43	0.14	83.74	1047.13	2.17	24.99	88.33	0.86	7.76		6.73E-08	1.14E-04		0.52	7.78E-03	4.47E-03	0.02	7.88E-04	0.21
33	St. Mary's 1	684557.0	4861070.0		22.75	0.83	0.08	75.73	1044.15	1.02	23.84	87.18	0.50	4.52		6.33E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.66E-04	0.20
34	St. Mary's 2	684657.3	4861320.8		21.94	0.62	0.06	72.95	1043.12	0.97	23.79	87.14	0.37	3.39		6.19E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20
35	St. Mary's 3	684905.3	4861154.4		22.38	0.74	0.07	74.46	1043.68	0.99	23.81	87.15	0.44	4.01		6.27E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20
36	Court. Subdivision 1	677328.4	4862976.1		22.10	0.66	0.07	73.48	1043.31	3.68	26.50	89.84	0.40	3.61		6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20
37	Court. Subdivision 2	676187.9	4862611.1		23.37	0.99	0.10	77.88	1044.95	1.34	24.16	87.50	0.59	5.39		6.44E-08	1.10E-04		0.52	7.65E-03	4.45E-03	0.02	7.72E-04	0.20
38	Court. Subdivision 3	675974.8	4863484.1		21.29	0.45	0.05	70.68	1042.27	1.28	24.10	87.44	0.27	2.47		6.08E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19
39	Court. Subdivision 4	676606.1	4863214.1		21.39	0.48	0.05	71.04	1042.41	2.12	24.94	88.28	0.29	2.62		6.10E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19
40	Court. Subdivision 5	676827.1	4863591.4		22.42	0.74	0.07	74.58	1043.72	2.80	25.62	88.96	0.45	4.05		6.27E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20
41	Court. Subdivision 6	677200.4	4864074.9		23.10	0.92	0.09	76.93	1044.60	3.01	25.83	89.17	0.55	5.01		6.39E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.69E-04	0.20
42	Court. Subdivision 7	677719.8	4863625.1		23.75	1.09	0.11	79.18	1045.43	3.14	25.96	89.30	0.65	5.92		6.50E-08	1.11E-04		0.52	7.68E-03	4.46E-03	0.02	7.76E-04	0

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	2.48E-09	2.98E-06	1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19
54	Bow. Subdivision 9	684777.3	4863330.5		22.42	0.74	0.07	74.58	1043.72	1.06	23.88	87.22	0.45	4.05		6.27E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20
55	Bow. Subdivision 10	685266.0	4863243.1		21.94	0.62	0.06	72.92	1043.10	1.28	24.10	87.44	0.37	3.38		6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20
56	Osh/Court Subdivision 1	677396.8	4860977.3		23.50	1.02	0.10	78.33	1045.11	3.56	26.38	89.72	0.61	5.57		6.46E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.73E-04	0.20
57	Osh/Court Subdivision 2	676633.5	4860816.8		22.33	0.72	0.07	74.30	1043.62	2.02	24.84	88.18	0.43	3.94		6.26E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.62E-04	0.20
58	Osh/Court Subdivision 3	676916.0	4861925.0		22.22	0.69	0.07	73.91	1043.47	2.16	24.98	88.32	0.42	3.78		6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20
59	Osh/Court Subdivision 4	676730.5	4861317.1		22.08	0.66	0.07	73.41	1043.29	1.95	24.77	88.11	0.39	3.58		6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20
60	Osh/Court Subdivision 5	676087.2	4861392.3		21.88	0.61	0.06	72.73	1043.03	1.64	24.46	87.80	0.36	3.30		6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20
61	Osh/Court Subdivision 6	676177.1	4861722.2		22.15	0.68	0.07	73.66	1043.38	1.50	24.32	87.66	0.41	3.68		6.23E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20
62	Osh/Court Subdivision 7	675670.7	4861783.2		21.52	0.51	0.05	71.49	1042.57	1.46	24.28	87.62	0.31	2.80		6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19
63	Osh/Court Subdivision 8	676050.8	4862055.7		23.15	0.93	0.09	77.12	1044.67	1.33	24.15	87.49	0.56	5.08		6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20
64	Osh/Court Subdivision 9	676636.9	4862134.3		22.23	0.70	0.07	73.93	1043.48	1.75	24.57	87.91	0.42	3.79		6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20
65	Osh/Court Subdivision 10	676571.3	4861634.8		21.91	0.61	0.06	72.82	1043.07	1.79	24.61	87.95	0.37	3.34		6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20
66	Bow. Subdivision 11	684649.2	4863182.7		22.57	0.78	0.08	75.11	1043.92	1.01	23.83	87.17	0.47	4.27		6.30E-08	1.09E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20
67	Daycare B	685172.4	4863933.1		21.18	0.43	0.04	70.29	1042.13	1.10	23.92	87.26	0.26	2.32		6.06E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.51E-04	0.19
68	Daycare C	685452.0	4863104.4		21.88	0.61	0.06	72.74	1043.04	1.38	24.20	87.54	0.36	3.31		6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20
69	Daycare D	685527.7	4864693.3		20.78	0.32	0.03	68.92	1041.62	1.02	23.84	87.18	0.19	1.76		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
70	Daycare E	685735.4	4864790.8		20.77	0.32	0.03	68.90	1041.61	1.06	23.88	87.22	0.19	1.75		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
71	Daycare F	685520.3	4864854.3		20.68	0.30	0.03	68.59	1041.49	0.98	23.80	87.14	0.18	1.63		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
72	Daycare G	685441.9	4864878.0		20.70	0.30	0.03	68.66	1041.52	0.99	23.81	87.15	0.18	1.66		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
73	Daycare H	686364.8	4864707.8		20.76	0.32	0.03	68.84	1041.59	1.24	24.06	87.40	0.19	1.73		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
74	Daycare I	685721.6	4865127.3		20.59	0.27	0.03	68.26	1041.37	0.97	23.79	87.13	0.16	1.49		5.96E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
75	Daycare J	678256.3	4863565.4		26.07	1.68	0.17	87.20	1048.41	1.84	24.66	88.00	1.01	9.16		6.90E-08	1.16E-04		0.52	7.86E-03	4.49E-03	0.02	7.98E-04	0.21
76	Daycare K	677694.1	4864043.7		22.09	0.66	0.07	73.47	1043.31	2.80	25.62	88.96	0.40	3.60		6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20
77	Daycare L	676479.5	4862526.2		22.88	0.86	0.09	76.20	1044.32	1.81	24.63	87.97	0.52	4.71		6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.67E-04	0.20
78	Daycare M	678320.9	4864763.5		21.41	0.48	0.05	71.09	1042.42	1.72	24.54	87.88	0.29	2.64		6.10E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19
79	Daycare N	678513.4	4865058.0		21.47	0.50	0.05	71.31	1042.50	1.53	24.35	87.69	0.30	2.73		6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19
80	Daycare O	672788.7	4863936.6		21.00	0.38	0.04	69.70	1041.91	0.83	23.65	86.99	0.23	2.08		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
81	Daycare P	673952.8	4863592.5		21.49	0.51	0.05	71.39	1042.54	1.03	23.85	87.19	0.30	2.76		6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19
82	Daycare Q	671751.8	4864887.7		20.57	0.27	0.03	68.20	1041.35	0.80	23.62	86.96	0.16	1.47		5.96E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19
83	Daycare R	685714.4	4864667.4		20.85	0.34	0.03	69.18	1041.71	1.08	23.90	87.24	0.21	1.87		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19
84	Daycare S	684177.9	4863618.2		21.70	0.56	0.06	72.11	1042.80	1.25	24.07	87.41	0.34	3.05		6.15E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.56E-04	0.19
85	Daycare T	678423.6	4864480.4		21.78	0.58	0.06	72.40	1042.91	1.54	24.36	87.70	0.35	3.17		6.17E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19
86	Daycare U	685330.5	4863435.1		21.73	0.57	0.06	72.22	1042.85	1.25	24.07	87.41	0.34	3.10		6.16E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19
87	Daycare V	685153.2	4863236.9		22.34	0.73	0.07	74.33	1043.63	1.24	24.06	87.40	0.44	3.95		6.26E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.62E-04	0.20
88	Daycare W	672679.0	4862044.9		20.59	0.28	0.03	68.28	1041.38	1.21	24.03	87.37	0.17	1.50		5.96E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
89	Daycare X	672076.5	4865285.8		20.40	0.22	0.02	67.60	1041.12	0.83	23.65	86.99	0.13	1.22		5.93E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.44E-04	0.19
90	Daycare Y	672638.0	4859664.4		20.36	0.22	0.02	67.47	1041.08	0.97	23.79	87.13	0.13	1.17		5.92E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19
91	Daycare Z	673735.9	4858958.0		20.89	0.35	0.04	69.29	1041.75	0.99	23.81	87.15	0.21	1.91		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19
92	Daycare AA	673121.8	4863385.9		21.09	0.40	0.04	69.99	1042.02	1.00	23.82	87.16	0.24	2.19		6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19
93	Daycare BB	673904.8	4862282.2		21.25	0.44	0.04	70.55	1042.22	1.50	24.32	87.66	0.27	2.42		6.07E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19
94	Daycare CC	671471.6	4861795.3		20.44	0.24	0.02	67.77	1041.19	0.95	23.77	87.11	0.14	1.29		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19
95	Daycare DD	673057.3	4862625.6		20.52	0.26	0.03	68.04	1041.29	1.19	24.01	87.35	0.15	1.40		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19
96	Daycare EE	674917.1	4863957.2		21.17	0.43	0.04	70.29	1042.13	0.97	23.79	87.13	0.26	2.32		6.06E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.51E-04	0.19
97	Daycare FF	671356.6	4862954.4		20.54	0.26	0.03	68.10	1041.31	0.98	23.80	87.14	0.16	1.43		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19
98	Daycare GG	671675.5	4862705.8		20.61	0.28	0.03	68.35	1041.40	0.99	23.81	87.15	0.17	1.53		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
99	Daycare HH	671604.8	4860138.1		20.66	0.29	0.03	68.50	1041.46	1.11	23.93	87.27	0.18	1.59		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
100	Daycare II	670945.2	4857983.8		20.44	0.24	0.02	67.74	1041.18	0.66	23.48	86.82	0.14	1.28		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)													Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)							
					19.52			64.57	1040.00			22.82	86.16			5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19
107	Daycare PP	674794.5	4864915.4	Updated Facility Contaminant Emission Rate (g/s)	20.65	0.29	0.03	68.48	1041.45	1.01	23.83	87.17	0.17	1.58		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
108	Hospital	686324.2	4864395.8		20.93	0.36	0.04	69.46	1041.82	1.28	24.10	87.44	0.22	1.98		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19
109	Hospital (Children[s])	676057.8	4862180.9		23.69	1.07	0.11	78.97	1045.35	1.28	24.10	87.44	0.64	5.83		6.49E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20
110	Hospital	671233.2	4863615.9		20.65	0.29	0.03	68.46	1041.45	0.93	23.75	87.09	0.17	1.57		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
111	Comm. Resp. Services	676045.4	4863902.5		22.44	0.75	0.08	74.68	1043.76	1.52	24.34	87.68	0.45	4.09		6.28E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20
112	Hospital	671712.7	4862364.1		20.44	0.24	0.02	67.77	1041.19	0.99	23.81	87.15	0.14	1.29		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19
113	Retirement Residence A	684199.9	4864120.3		22.57	0.78	0.08	75.10	1043.92	1.18	24.00	87.34	0.47	4.26		6.30E-08	1.09E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20
114	Retirement Residence B	685483.9	4865150.9		21.05	0.39	0.04	69.86	1041.97	1.01	23.83	87.17	0.24	2.14		6.04E-08	1.05E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19
115	Retirement Residence C	686844.0	4864732.1		20.77	0.32	0.03	68.90	1041.61	1.31	24.13	87.47	0.19	1.75		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
116	Retirement Residence D	673481.7	4863343.4		21.11	0.41	0.04	70.06	1042.04	1.07	23.89	87.23	0.24	2.22		6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19
117	Retirement Residence E	671825.2	4864399.0		20.77	0.32	0.03	68.91	1041.61	0.84	23.66	87.00	0.19	1.75		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
118	Retirement Residence F	671606.3	4864536.0		20.70	0.30	0.03	68.65	1041.52	0.86	23.68	87.02	0.18	1.65		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
119	Retirement Residence G	671357.1	4862958.7		20.54	0.26	0.03	68.08	1041.31	0.98	23.80	87.14	0.16	1.42		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19
120	Retirement Residence H	671514.0	4862262.9		20.48	0.25	0.02	67.88	1041.23	0.98	23.80	87.14	0.15	1.34		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19
121	Retirement Residence I	672602.2	4863075.9		20.90	0.36	0.04	69.35	1041.78	0.96	23.78	87.12	0.21	1.94		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.49E-04	0.19
122	Retirement Residence J	671719.1	4862893.1		20.60	0.28	0.03	68.29	1041.38	0.98	23.80	87.14	0.17	1.51		5.96E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
123	Retirement Residence K	686718.0	4865648.7		20.64	0.29	0.03	68.44	1041.44	1.12	23.94	87.28	0.17	1.57		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
124	Retirement Residence L	676168.7	4865669.9		21.03	0.39	0.04	69.78	1041.93	1.83	24.65	87.99	0.23	2.11		6.04E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
125	Retirement Residence M	676118.5	4863980.7		22.68	0.81	0.08	75.50	1044.07	1.68	24.50	87.84	0.49	4.43		6.32E-08	1.09E-04		0.52	7.59E-03	4.45E-03	0.02	7.66E-04	0.20
126	Bow. Subdivision 12	684649.2	4863182.7		22.57	0.78	0.08	75.11	1043.92	1.01	23.83	87.17	0.47	4.27		6.30E-08	1.09E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20
127	Primary School B	685384.8	4863575.3		21.42	0.49	0.05	71.14	1042.44	1.23	24.05	87.39	0.29	2.66		6.10E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.54E-04	0.19
128	Primary School C	685021.6	4863952.9		21.64	0.54	0.05	71.88	1042.72	1.05	23.87	87.21	0.33	2.96		6.14E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19
129	Primary School D	686237.0	4864085.5		21.08	0.40	0.04	69.97	1042.01	1.31	24.13	87.47	0.24	2.19		6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19
130	Primary School E	686719.0	4863734.7		20.95	0.37	0.04	69.53	1041.84	1.31	24.13	87.47	0.22	2.01		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19
131	Primary School F	686357.0	4864754.9		20.73	0.31	0.03	68.76	1041.56	1.23	24.05	87.39	0.19	1.70		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
132	Primary School G	685502.0	4865013.4		20.69	0.30	0.03	68.61	1041.50	1.00	23.82	87.16	0.18	1.64		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
133	Primary School H	686726.7	4866061.5		20.47	0.25	0.02	67.87	1041.23	1.02	23.84	87.18	0.15	1.33		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19
134	Primary School I	685186.2	4866568.2		22.24	0.70	0.07	73.98	1043.50	0.90	23.72	87.06	0.42	3.81		6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20
135	Primary School J	685965.3	4866979.0		20.76	0.32	0.03	68.87	1041.60	0.81	23.63	86.97	0.19	1.74		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
136	Primary School K	677709.9	4864726.5		21.89	0.61	0.06	72.76	1043.05	2.40	25.22	88.56	0.37	3.32		6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20
137	Primary School L	675988.3	4864270.2		22.32	0.72	0.07	74.26	1043.60	1.61	24.43	87.77	0.43	3.92		6.26E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.62E-04	0.20
138	Primary School M	676608.7	4862739.0		21.96	0.63	0.06	73.02	1043.14	2.13	24.95	88.29	0.38	3.42		6.20E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20
139	Primary School N	677222.2	4863759.1		23.67	1.07	0.11	78.93	1045.34	3.22	26.04	89.38	0.64	5.81		6.49E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20
140	Primary School O	678154.9	4863872.7		23.17	0.94	0.09	77.20	1044.70	2.04	24.86	88.20	0.56	5.11		6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20
141	Court. Subdivision 12	678309.6	4863600.8		25.85	1.63	0.16	86.47	1048.14	1.68	24.50	87.84	0.98	8.87		6.86E-08	1.15E-04		0.52	7.84E-03	4.48E-03	0.02	7.96E-04	0.21
142	Primary School Q	677010.6	4862470.6		21.90	0.61	0.06	72.79	1043.06	2.90	25.72	89.06	0.37	3.33		6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20
143	Primary School R	677431.3	4866694.7		20.73	0.31	0.03	68.76	1041.56	1.82	24.64	87.98	0.19	1.69		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
144	Primary School S	675266.2	4863562.9		21.96	0.63	0.06	72.99	1043.13	1.01	23.83	87.17	0.38	3.41		6.20E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20
145	Primary School T	673479.2	4860029.4		20.92	0.36	0.04	69.40	1041.80	1.14	23.96	87.30	0.22	1.96		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19
146	Primary School U	670856.0	4860710.6		20.25	0.19	0.02	67.09	1040.93	0.99	23.81	87.15	0.11	1.02		5.90E-08	1.04E-04		0.52	7.40E-03	4.42E-03	0.02	7.42E-04	0.19
147	Primary School V	672660.2	4863909.2		20.87	0.35	0.03	69.23	1041.73	0.83	23.65	86.99	0.21	1.89		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19
148	Primary School W	672735.2	4859232.9		20.72	0.31	0.03	68.72	1041.54	0.94	23.76	87.10	0.18	1.68		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
149	Primary School X	673575.8	4862688.6		21.03	0.39	0.04	6																

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)													Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)							
					19.52			64.57	1040.00		22.82	86.16												
160	Primary School II	672616.7	4862114.9		20.66	0.29	0.03	68.51	1041.46	1.18	24.00	87.34	0.18	1.59		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
161	Primary School JJ	673567.2	4861899.5		21.34	0.47	0.05	70.87	1042.34	1.60	24.42	87.76	0.28	2.55		6.09E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19
162	Primary School KK	671791.0	4861954.2		20.54	0.26	0.03	68.08	1041.31	0.96	23.78	87.12	0.16	1.42		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19
163	Primary School LL	673762.3	4864210.6		20.92	0.36	0.04	69.40	1041.80	0.88	23.70	87.04	0.22	1.96		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19
164	Primary School MM	672238.8	4864621.3		20.76	0.32	0.03	68.85	1041.59	0.79	23.61	86.95	0.19	1.73		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
165	Primary School NN	673213.6	4858677.0		20.55	0.27	0.03	68.14	1041.33	0.91	23.73	87.07	0.16	1.45		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19
166	Primary School OO	675474.8	4863221.7		23.01	0.90	0.09	76.65	1044.49	1.05	23.87	87.21	0.54	4.89		6.38E-08	1.10E-04		0.52	7.62E-03	4.45E-03	0.02	7.69E-04	0.20
167	Primary School PP	672441.8	4858748.6		20.86	0.34	0.03	69.20	1041.72	0.86	23.68	87.02	0.21	1.87		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19
168	Primary School QQ	672796.8	4864438.2		20.90	0.35	0.04	69.35	1041.77	0.81	23.63	86.97	0.21	1.93		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.49E-04	0.19
169	Primary School RR	671351.4	4863284.0		20.41	0.23	0.02	67.63	1041.14	0.96	23.78	87.12	0.14	1.24		5.93E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19
170	Primary School SS	673213.9	4862125.5		21.04	0.39	0.04	69.82	1041.95	1.39	24.21	87.55	0.23	2.13		6.04E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
171	Primary School TT	671017.9	4860953.7		20.18	0.17	0.02	66.84	1040.84	0.92	23.74	87.08	0.10	0.92		5.89E-08	1.04E-04		0.52	7.40E-03	4.42E-03	0.02	7.42E-04	0.19
172	Primary School UU	670991.0	4861089.8		20.27	0.19	0.02	67.15	1040.96	0.87	23.69	87.03	0.12	1.04		5.91E-08	1.04E-04		0.52	7.40E-03	4.42E-03	0.02	7.43E-04	0.19
173	Primary School VV	674150.1	4862294.8		21.19	0.43	0.04	70.35	1042.15	1.50	24.32	87.66	0.26	2.34		6.06E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.51E-04	0.19
174	Primary School WW	672005.2	4861707.9		20.51	0.25	0.03	68.00	1041.27	0.97	23.79	87.13	0.15	1.39		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19
175	Primary School XX	684172.1	4863615.6		21.72	0.57	0.06	72.17	1042.83	1.25	24.07	87.41	0.34	3.08		6.15E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.56E-04	0.19
176	Primary School YY	683923.3	4866636.4		20.72	0.31	0.03	68.70	1041.54	1.04	23.86	87.20	0.18	1.67		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
177	Primary School ZZ	680446.0	4865770.5		21.37	0.47	0.05	70.96	1042.37	1.36	24.18	87.52	0.28	2.58		6.09E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19
178	Vacant School	685612.9	4864520.0		21.01	0.38	0.04	69.71	1041.91	1.08	23.90	87.24	0.23	2.08		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
179	Secondary School A	686291.4	4865064.3		20.70	0.30	0.03	68.64	1041.51	1.15	23.97	87.31	0.18	1.65		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
180	Secondary School B	683875.0	4864741.7		21.71	0.56	0.06	72.14	1042.82	1.10	23.92	87.26	0.34	3.07		6.15E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.56E-04	0.19
181	Secondary School C	684650.3	4866460.3		21.02	0.38	0.04	69.75	1041.92	0.97	23.79	87.13	0.23	2.10		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
182	Secondary School D	678099.5	4864838.2		21.16	0.42	0.04	70.25	1042.11	1.98	24.80	88.14	0.25	2.30		6.06E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19
183	Secondary School E	678467.0	4863431.2		25.54	1.55	0.15	85.40	1047.74	1.56	24.38	87.72	0.93	8.43		6.81E-08	1.15E-04		0.52	7.82E-03	4.48E-03	0.02	7.93E-04	0.21
184	Secondary School F	674144.9	4862762.7		21.67	0.55	0.06	72.01	1042.77	1.30	24.12	87.46	0.33	3.01		6.15E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19
185	Secondary School G	673816.0	4864357.1		20.61	0.28	0.03	68.35	1041.41	0.90	23.72	87.06	0.17	1.53		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
186	Secondary School H	673145.4	4858569.0		20.66	0.29	0.03	68.50	1041.46	0.88	23.70	87.04	0.18	1.59		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
187	Secondary School I	671291.7	4863581.3		20.63	0.29	0.03	68.42	1041.43	0.93	23.75	87.09	0.17	1.56		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
188	Secondary School J	671443.2	4861664.9		20.45	0.24	0.02	67.77	1041.19	0.94	23.76	87.10	0.14	1.30		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19
189	Secondary School K	673235.3	4860885.0		20.73	0.31	0.03	68.75	1041.55	1.62	24.44	87.78	0.19	1.69		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
190	Secondary School L	684252.7	4866500.5		21.06	0.40	0.04	69.91	1041.98	1.02	23.84	87.18	0.24	2.16		6.04E-08	1.05E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19
191	Secondary School M	673914.1	4859551.7		21.01	0.38	0.04	69.71	1041.91	1.13	23.95	87.29	0.23	2.08		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
192	Secondary School N	675051.5	4864177.2		20.96	0.37	0.04	69.55	1041.85	1.04	23.86	87.20	0.22	2.01		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19
193	Adult School	685276.1	4866019.8		21.47	0.50	0.05	71.30	1042.50	0.94	23.76	87.10	0.30	2.72		6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19
194	Bow. Valley Cons. 1	685356.6	4864521.2		21.01	0.38	0.04	69.72	1041.92	1.01	23.83	87.17	0.23	2.09		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
195	Bow. Valley Cons. 2	685627.7	4864167.8		21.06	0.40	0.04	69.91	1041.99	1.17	23.99	87.33	0.24	2.16		6.04E-08	1.05E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19
196	Bow. Valley Cons. 4	685852.7	4863640.2		21.16	0.42	0.04	70.25	1042.11	1.31	24.13	87.47	0.25	2.30		6.06E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19
197	Bow. Valley Cons. 5	686163.1	4863621.5		21.14	0.42	0.04	70.17	1042.08	1.34	24.16	87.50	0.25	2.27		6.06E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19
198	Bow. Valley Cons. 6	685931.9	4863380.6		21.06	0.40	0.04	69.89	1041.98	1.36	24.18	87.52	0.24	2.15		6.04E-08	1.05E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19
199	Maple Grove 1	681688.5	4864717.0		22.42	0.75	0.07	74.61	1043.73	1.75	24.57	87.91	0.45	4.06		6.28E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20
200	Maple Grove 2	681768.9	4864631.8		22.63	0.80	0.08	75.32	1044.00	1.77	24.59	87.93	0.48	4.35		6.31E-08	1.09E-04		0.52	7.59E-03	4.44E-03	0.02	7.65E-04	0.20
201	Maple Grove 3	681894.9	4864506.8		21.78	0.58	0.06	72.40	1042.91	1.77	24.59	87.93	0.35	3.17		6.17E-08	1.07E-04		0.52	7.52E-03				



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	2.48E-09	2.98E-06	1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03										
					19.52			64.57	1040.00		22.82	86.16			5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	
213	Port Darlington 5	686406.8	4861448.7		21.19	0.43	0.04	70.35	1042.15	1.00	23.82	87.16	0.26	2.34	6.06E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.51E-04	0.19	
214	Port Darlington 6	686504.5	4861604.0		21.27	0.45	0.05	70.63	1042.25	0.99	23.81	87.15	0.27	2.45	6.08E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	
215	Port Darlington 7	686703.0	4861789.3		21.49	0.51	0.05	71.37	1042.53	0.93	23.75	87.09	0.30	2.75	6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	
216	Port Darlington 8	686895.8	4861960.2		21.03	0.39	0.04	69.79	1041.94	0.94	23.76	87.10	0.23	2.11	6.04E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19	
217	Port Darlington 9	686867.4	4862119.7		20.79	0.33	0.03	68.97	1041.64	0.91	23.73	87.07	0.20	1.78	6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	
218	Port Darlington 10	687190.7	4862048.8		20.92	0.36	0.04	69.42	1041.80	0.84	23.66	87.00	0.22	1.96	6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	
219	Port Darlington 11	687524.4	4862126.8		21.04	0.39	0.04	69.83	1041.95	0.85	23.67	87.01	0.23	2.13	6.04E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19	
220	Campground 1	678646.3	4860337.7		24.11	1.18	0.12	80.44	1045.90	2.52	25.34	88.68	0.71	6.43	6.57E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02	7.79E-04	0.21	
221	Campground 2	678410.2	4860148.6		23.60	1.05	0.11	78.69	1045.25	2.68	25.50	88.84	0.63	5.72	6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.74E-04	0.20	
222	Campground 3	678651.0	4860054.4		24.55	1.29	0.13	81.95	1046.46	2.68	25.50	88.84	0.78	7.04	6.64E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02	7.83E-04	0.21	
223	Campground 4	678725.9	4859860.7		24.27	1.22	0.12	81.00	1046.11	2.43	25.25	88.59	0.73	6.65	6.59E-08	1.12E-04		0.52	7.72E-03	4.46E-03	0.02	7.81E-04	0.21	
224	Campground 5	678511.1	4859808.6		24.06	1.17	0.12	80.28	1045.84	2.40	25.22	88.56	0.70	6.36	6.56E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.79E-04	0.20	
225	Campground 6	678869.5	4859696.0		24.32	1.23	0.12	81.15	1046.17	1.98	24.80	88.14	0.74	6.71	6.60E-08	1.12E-04		0.52	7.72E-03	4.46E-03	0.02	7.81E-04	0.21	
226	Campground 7	678723.9	4860201.8		24.13	1.19	0.12	80.52	1045.93	2.67	25.49	88.83	0.71	6.46	6.57E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02	7.79E-04	0.21	
227	Campground 8	678796.0	4860011.4		24.86	1.37	0.14	83.04	1046.87	2.61	25.43	88.77	0.82	7.48	6.69E-08	1.13E-04		0.52	7.76E-03	4.47E-03	0.02	7.86E-04	0.21	
228	Campground 9	678852.7	4859854.2		24.68	1.33	0.13	82.42	1046.64	2.33	25.15	88.49	0.80	7.23	6.66E-08	1.13E-04		0.52	7.75E-03	4.47E-03	0.02	7.85E-04	0.21	
229	Solina 1	681099.6	4861677.2		25.39	1.51	0.15	84.88	1047.55	2.97	25.79	89.13	0.91	8.22	6.78E-08	1.14E-04		0.52	7.81E-03	4.48E-03	0.02	7.91E-04	0.21	
230	Solina 2	681115.7	4861857.7		26.44	1.78	0.18	88.49	1048.90	2.79	25.61	88.95	1.07	9.69	6.96E-08	1.17E-04		0.53	7.89E-03	4.49E-03	0.02	8.01E-04	0.22	
231	Solina 3	680987.4	4861983.5		23.99	1.15	0.12	80.04	1045.75	2.70	25.52	88.86	0.69	6.26	6.54E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.78E-04	0.20	
232	Solina 4	680965.0	4862068.1		23.96	1.14	0.11	79.93	1045.71	2.74	25.56	88.90	0.69	6.22	6.54E-08	1.11E-04		0.52	7.69E-03	4.46E-03	0.02	7.78E-04	0.20	
233	Solina 5	681021.5	4862086.7		23.60	1.05	0.11	78.69	1045.25	2.72	25.54	88.88	0.63	5.72	6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.74E-04	0.20	
234	Solina 6	680939.8	4862124.3		24.02	1.16	0.12	80.12	1045.78	2.75	25.57	88.91	0.69	6.30	6.55E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.78E-04	0.20	
235	Solina 7	680988.2	4862183.6		23.63	1.06	0.11	78.78	1045.29	2.76	25.58	88.92	0.63	5.76	6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	
236	Solina 8	680984.6	4862209.8		23.62	1.05	0.11	78.75	1045.27	2.75	25.57	88.91	0.63	5.74	6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.74E-04	0.20	
237	Solina 9	680958.6	4862294.9		23.53	1.03	0.10	78.42	1045.15	2.75	25.57	88.91	0.62	5.61	6.46E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.74E-04	0.20	
238	Solina 10	680858.0	4862324.3		23.71	1.08	0.11	79.07	1045.39	2.65	25.47	88.81	0.65	5.87	6.50E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	
239	Solina 11	680990.3	4862403.5		23.66	1.06	0.11	78.88	1045.32	2.76	25.58	88.92	0.64	5.79	6.49E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	
240	Recreational 1	681545.0	4860865.0		25.44	1.52	0.15	85.03	1047.61	2.44	25.26	88.60	0.91	8.29	6.79E-08	1.15E-04		0.52	7.81E-03	4.48E-03	0.02	7.92E-04	0.21	
241	Recreational 2	681563.7	4860687.4		29.81	2.65	0.26	100.16	1053.23	2.80	25.62	88.96	1.59	14.41	7.54E-08	1.24E-04		0.53	8.15E-03	4.53E-03	0.02	8.33E-04	0.23	
242	Recreational 3	681579.7	4860610.0		31.25	3.02	0.30	105.12	1055.08	3.19	26.01	89.35	1.81	16.42	7.79E-08	1.27E-04		0.53	8.26E-03	4.55E-03	0.02	8.47E-04	0.24	
243	Recreational 6	681876.6	4860254.4		27.02	1.93	0.19	90.49	1049.64	2.50	25.32	88.66	1.16	10.50	7.06E-08	1.18E-04		0.53	7.93E-03	4.50E-03	0.02	8.07E-04	0.22	
244	Recreational 7	682166.9	4860324.4		25.24	1.47	0.15	84.36	1047.36	2.39	25.21	88.55	0.88	8.01	6.76E-08	1.14E-04		0.52	7.79E-03	4.48E-03	0.02	7.90E-04	0.21	
245	Darlington 1	679565.4	4861052.9		28.32	2.26	0.23	95.01	1051.32	2.56	25.38	88.72	1.36	12.33	7.29E-08	1.20E-04		0.53	8.03E-03	4.51E-03	0.02	8.19E-04	0.22	
246	Darlington 2	679452.9	4861051.4		26.51	1.80	0.18	88.73	1048.98	2.42	25.24	88.58	1.08	9.78	6.98E-08	1.17E-04		0.53	7.89E-03	4.49E-03	0.02	8.02E-04	0.22	
247	Darlington 3	679130.5	4860948.8		26.57	1.81	0.18	88.94	1049.06	2.47	25.29	88.63	1.09	9.87	6.99E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02	8.03E-04	0.22	
248	Darlington 4	679112.6	4860941.9		27.27	1.99	0.20	91.38	1049.97	2.53	25.35	88.69	1.20	10.86	7.11E-08	1.18E-04		0.53	7.95E-03	4.50E-03	0.02	8.09E-04	0.22	
249	Darlington 5	679057.6	4860994.1		28.68	2.36	0.24	96.24	1051.78	2.48	25.30	88.64	1.41	12.83	7.35E-08	1.21E-04		0.53	8.06E-03	4.52E-03	0.02	8.23E-04	0.23	
250	Darlington 6	679075.2	4860931.6		28.27	2.25	0.22	94.81	1051.25	2.59	25.41	88.75	1.35	12.25	7.28E-08	1.20E-04		0.53	8.03E-03	4.51E-03	0.02	8.19E-04	0.22	
251	Darlington 7	678814.3	4860843.1		25.37	1.50	0.15	84.80	1047.52	2.80	25.62	88.96	0.90	8.19	6.78E-08	1.14E-04		0.52	7.80E-03	4.48E-03	0.02	7.91E-04	0.21	
252	Darlington 8	678840.4	4860777.1		25.40	1.51	0.15	84.89	1047.56	2.58	25.40	88.74	0.91	8.23	6.79E-08	1.14E-04		0.52	7.81E-03	4.48E-03	0.02	7.91E-04	0.21	
253	Light Ind. 1	680000.1	4861034.1		27.06	1.94	0.19	90.64	1049.69	2.85	25.67	89.01	1.16	10.56	7.07E-08	1.18E-04		0.53	7.94E-03	4.50E-03	0.02	8.07E-04	0.22	
254	Light Ind. 2	680060.7	4861056.4		27.52	2.06	0.21	92.24	1050.29	2.84	25.66	89.00	1.23	11.21	7.15E-08	1.19E-04		0.53	7.97E-03	4.50E-03	0.02	8.12E-04	0.22	
255	Light Ind. 3	680291.2	4861151.6		27.96	2.17	0.22	93.74	1050.85	2.64	25.46	88.80	1.30											

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	2.48E-09	2.98E-06	5.78E-08	1.02E-04	1.64E-03	1.13E-04	1.73E-05	8.73E-05		1.38E-05	6.32E-03							
					19.52			64.57	1040.00		22.82	86.16												
266	Future Industrial 8	680398.0	4860731.8		30.17	2.74	0.27	101.38	1053.69	3.65	26.47	89.81	1.64	14.91		7.60E-08	1.24E-04		0.53	8.18E-03	4.54E-03	0.02	8.37E-04	0.23
267	Future Industrial 1	680359.6	4859959.2		29.32	2.52	0.25	98.45	1052.60	3.01	25.83	89.17	1.51	13.72		7.46E-08	1.23E-04		0.53	8.11E-03	4.53E-03	0.02	8.29E-04	0.23
268	Future Industrial 2	680083.7	4859985.7		27.09	1.95	0.19	90.76	1049.74	2.36	25.18	88.52	1.17	10.60		7.08E-08	1.18E-04		0.53	7.94E-03	4.50E-03	0.02	8.08E-04	0.22
269	Future Industrial 3	680819.9	4860705.3		30.73	2.88	0.29	103.33	1054.41	4.65	27.47	90.81	1.73	15.70		7.70E-08	1.25E-04		0.53	8.22E-03	4.54E-03	0.02	8.42E-04	0.23
270	Future Industrial 4	681070.0	4859937.2		28.03	2.19	0.22	93.97	1050.93	2.88	25.70	89.04	1.31	11.91		7.24E-08	1.20E-04		0.53	8.01E-03	4.51E-03	0.02	8.16E-04	0.22
271	Future Industrial 5	679898.8	4860067.4		28.10	2.21	0.22	94.25	1051.04	2.70	25.52	88.86	1.32	12.02		7.25E-08	1.20E-04		0.53	8.02E-03	4.51E-03	0.02	8.17E-04	0.22
272	Future Industrial 6	680134.8	4860694.1		31.60	3.11	0.31	106.32	1055.53	3.45	26.27	89.61	1.86	16.91		7.85E-08	1.27E-04		0.53	8.29E-03	4.55E-03	0.02	8.50E-04	0.24
273	Future Industrial 11	680253.7	4860255.2		39.06	5.03	0.50	132.13	1065.13	5.33	28.15	91.49	3.02	27.36		9.13E-08	1.43E-04		0.54	8.88E-03	4.64E-03	0.02	9.21E-04	0.27
274	Future Industrial 12	679901.2	4860511.8		29.00	2.44	0.24	97.35	1052.19	2.67	25.49	88.83	1.46	13.27		7.40E-08	1.22E-04		0.53	8.09E-03	4.52E-03	0.02	8.26E-04	0.23
275	Commercial Farmer	679867.8	4860445.4		30.14	2.73	0.27	101.29	1053.66	2.89	25.71	89.05	1.64	14.87		7.60E-08	1.24E-04		0.53	8.18E-03	4.53E-03	0.02	8.37E-04	0.23
276	Farmer	679277.0	4859981.5		26.11	1.69	0.17	87.34	1048.47	2.29	25.11	88.45	1.02	9.22		6.91E-08	1.16E-04		0.52	7.86E-03	4.49E-03	0.02	7.98E-04	0.21
277	Residence	679387.2	4860648.9		24.55	1.29	0.13	81.96	1046.47	2.22	25.04	88.38	0.78	7.04		6.64E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02	7.83E-04	0.21
278	Barn	679261.9	4860574.2		24.33	1.24	0.12	81.21	1046.19	2.05	24.87	88.21	0.74	6.74		6.60E-08	1.12E-04		0.52	7.72E-03	4.47E-03	0.02	7.81E-04	0.21
279	Residence	680150.7	4861295.7		26.81	1.88	0.19	89.78	1049.38	2.65	25.47	88.81	1.13	10.21		7.03E-08	1.17E-04		0.53	7.92E-03	4.49E-03	0.02	8.05E-04	0.22
280	Residence	679939.8	4861213.4		26.54	1.81	0.18	88.85	1049.03	2.77	25.59	88.93	1.08	9.83		6.98E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02	8.02E-04	0.22
281	Farmer	680855.7	4861456.9		27.42	2.03	0.20	91.89	1050.16	3.11	25.93	89.27	1.22	11.06		7.13E-08	1.19E-04		0.53	7.96E-03	4.50E-03	0.02	8.11E-04	0.22
282	Farmer	681386.2	4861673.3		25.57	1.56	0.16	85.49	1047.78	2.17	24.99	88.33	0.93	8.47		6.82E-08	1.15E-04		0.52	7.82E-03	4.48E-03	0.02	7.93E-04	0.21
283	Residence	680683.5	4861597.9		26.04	1.68	0.17	87.13	1048.39	2.77	25.59	88.93	1.01	9.13		6.90E-08	1.16E-04		0.52	7.86E-03	4.49E-03	0.02	7.98E-04	0.21
284	Business	680064.3	4861343.7		26.94	1.91	0.19	90.21	1049.53	2.82	25.64	88.98	1.14	10.38		7.05E-08	1.18E-04		0.53	7.93E-03	4.50E-03	0.02	8.06E-04	0.22
285	Farmer	679680.1	4861213.5		26.94	1.91	0.19	90.21	1049.54	2.61	25.43	88.77	1.14	10.38		7.05E-08	1.18E-04		0.53	7.93E-03	4.50E-03	0.02	8.06E-04	0.22
286	Farmer	681344.8	4861792.9		23.77	1.09	0.11	79.27	1045.47	2.40	25.22	88.56	0.66	5.95		6.51E-08	1.11E-04		0.52	7.68E-03	4.46E-03	0.02	7.76E-04	0.20
287	Youth Centre	685644.2	4864814.8		20.76	0.32	0.03	68.85	1041.59	1.02	23.84	87.18	0.19	1.73		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
288	Bowmanville Arena	685462.9	4864615.2		20.87	0.35	0.03	69.23	1041.73	1.01	23.83	87.17	0.21	1.89		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19
289	Bowmanville Rec Complex	684160.3	4864604.5		21.34	0.47	0.05	70.87	1042.34	1.16	23.98	87.32	0.28	2.55		6.09E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19
290	Recreation Complex	684586.6	4862406.3		21.58	0.53	0.05	71.68	1042.64	0.93	23.75	87.09	0.32	2.88		6.13E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19
291	Superdog Central	681487.7	4865723.3		21.37	0.47	0.05	70.96	1042.37	1.42	24.24	87.58	0.28	2.58		6.09E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19
292	Equestrian Centre	681567.1	4863670.7		24.46	1.27	0.13	81.65	1046.35	2.37	25.19	88.53	0.76	6.91		6.62E-08	1.12E-04		0.52	7.73E-03	4.47E-03	0.02	7.82E-04	0.21
293	Flea Market	678574.6	4862819.4		22.83	0.85	0.09	76.01	1044.25	1.57	24.39	87.73	0.51	4.63		6.35E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.67E-04	0.20
294	Equestrian Centre	680030.8	4867320.2		20.59	0.28	0.03	68.27	1041.38	0.93	23.75	87.09	0.17	1.50		5.96E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
295	Courtice Community Complex	678099.3	4864629.8		21.24	0.44	0.04	70.51	1042.21	2.01	24.83	88.17	0.26	2.40		6.07E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19
296	Former Restaurant	679830.2	4860702.2		26.59	1.82	0.18	89.02	1049.09	2.56	25.38	88.72	1.09	9.90		6.99E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02	8.03E-04	0.22
297	Commercial	679364.8	4861016.0		26.24	1.73	0.17	87.79	1048.63	2.31	25.13	88.47	1.04	9.40		6.93E-08	1.16E-04		0.53	7.87E-03	4.49E-03	0.02	7.99E-04	0.21
298	GM Oshawa Headquarters	676418.3	4860463.7		22.34	0.73	0.07	74.34	1043.63	2.13	24.95	88.29	0.44	3.95		6.26E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.62E-04	0.20
299	Farm A?	682972.3	4862201.9		23.18	0.94	0.09	77.21	1044.70	1.44	24.26	87.60	0.56	5.12		6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20
300	Farm B?	683546.9	4861959.7		22.14	0.67	0.07	73.64	1043.37	1.32	24.14	87.48	0.40	3.67		6.23E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20
301	Farm C?	682547.5	4862321.1		22.81	0.85	0.08	75.94	1044.23	1.46	24.28	87.62	0.51	4.60		6.34E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.67E-04	0.20
302	Farm D?	683238.3	4862393.3		22.99	0.89	0.09	76.57	1044.46	1.30	24.12	87.46	0.54	4.86		6.37E-08	1.09E-04		0.52	7.62E-03	4.45E-03	0.02	7.68E-04	0.20
303	Farm E?	682512.6	4862858.0		23.30	0.97	0.10	77.63	1044.86	1.90	24.72	88.06	0.58	5.29		6.43E-08	1.10E-04		0.52	7.64E-03	4.45E-03	0.02	7.71E-04	0.20
304	Farm F?	683129.1	4863649.4		22.36	0.73	0.07	74.38	1043.65	1.79	24.61	87.95	0.44	3.97		6.26E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.62E-04	0.20
305	Bennett 1	688209.3	4862512.1		20.78	0.32	0.03	68.93	1041.62	0.90	23.72	87.06	0.19	1.77		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
306	Bennett 2	687990.0	4863221.3		20.66	0.29	0.03	68.50	1041.46	1.06	23.88	87.22	0.18	1.59		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
307	Bennett 3	688818.4	4862836.3		20.42	0.23	0.02	67.67	1041.15	1.10	23.92	87.26	0.14	1.25		5.93E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19
308																								

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)													Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)							
319	Soper 7	685683.2	4867148.1	Updated Facility Contaminant Emission Rate (g/s)	1.45	0.37	0.04	5.00	1.86	0.37	0.37	0.37	0.22	2.02	Chlorinated Polycyclic Aromatics	2.48E-09	2.98E-06	Metals	1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03
		(m)	(m)	Background Concentration (ug/m3)	19.52			64.57	1040.00			22.82	86.16			5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19
320	Soper 8	686748.7	4865874.7		20.95	0.37	0.04	69.51	1041.83	0.86	23.68	87.02	0.22	2.00		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19
321	Bowmanville 1	687026.3	4862368.4		20.50	0.25	0.03	67.97	1041.26	1.07	23.89	87.23	0.15	1.38		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19
322	Bowmanville 2	686625.7	4863020.3		20.76	0.32	0.03	68.85	1041.59	0.80	23.62	86.96	0.19	1.73		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
323	Bowmanville 3	683380.3	4865365.9		21.36	0.47	0.05	70.93	1042.36	1.14	23.96	87.30	0.28	2.58		6.09E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19
324	Bowmanville 4	683111.4	4867150.3		21.24	0.44	0.04	70.53	1042.21	1.19	24.01	87.35	0.27	2.41		6.07E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19
325	Bowmanville 5	682452.2	4869417.5		21.00	0.38	0.04	69.70	1041.91	0.89	23.71	87.05	0.23	2.08		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
326	Bowmanville 6	684778.5	4864888.2		20.44	0.24	0.02	67.76	1041.19	0.84	23.66	87.00	0.14	1.29		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19
327	Bowmanville 7	684549.5	4866404.4		21.04	0.39	0.04	69.81	1041.95	1.10	23.92	87.26	0.23	2.12		6.04E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
328	Upper Tooley 1	679944.8	4864883.1		20.95	0.37	0.04	69.50	1041.83	0.99	23.81	87.15	0.22	1.99		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19
329	Upper Tooley 2	679055.1	4863885.8		21.50	0.51	0.05	71.43	1042.55	1.35	24.17	87.51	0.31	2.77		6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19
330	Upper Tooley 3	679714.0	4862767.4		24.67	1.32	0.13	82.37	1046.62	1.82	24.64	87.98	0.79	7.21		6.66E-08	1.13E-04		0.52	7.75E-03	4.47E-03	0.02	7.84E-04	0.21
331	Upper Tooley 4	678898.8	4861800.6		23.16	0.94	0.09	77.16	1044.68	1.35	24.17	87.51	0.56	5.10		6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20
332	Upper Tooley 5	680353.5	4862156.5		24.80	1.36	0.14	82.84	1046.79	2.91	25.73	89.07	0.82	7.40		6.68E-08	1.13E-04		0.52	7.76E-03	4.47E-03	0.02	7.86E-04	0.21
333	Upper Tooley 6	679818.1	4861625.7		25.50	1.54	0.15	85.26	1047.69	2.19	25.01	88.35	0.92	8.38		6.80E-08	1.15E-04		0.52	7.81E-03	4.48E-03	0.02	7.92E-04	0.21
334	Robinson 1	678434.8	4860943.1		25.15	1.45	0.14	84.05	1047.24	2.54	25.36	88.70	0.87	7.89		6.74E-08	1.14E-04		0.52	7.79E-03	4.48E-03	0.02	7.89E-04	0.21
335	Robinson 2	677752.6	4861240.6		24.64	1.32	0.13	82.26	1046.58	3.04	25.86	89.20	0.79	7.16		6.66E-08	1.13E-04		0.52	7.75E-03	4.47E-03	0.02	7.84E-04	0.21
336	Robinson 3	677642.2	4861787.2		24.02	1.16	0.12	80.13	1045.79	3.99	26.81	90.15	0.69	6.30		6.55E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.78E-04	0.20
337	Robinson 4	678532.7	4862143.6		22.86	0.86	0.09	76.11	1044.29	3.25	26.07	89.41	0.51	4.67		6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.67E-04	0.20
338	Robinson 5	678005.1	4862784.9		24.44	1.27	0.13	81.59	1046.33	2.97	25.79	89.13	0.76	6.89		6.62E-08	1.12E-04		0.52	7.73E-03	4.47E-03	0.02	7.82E-04	0.21
339	Robinson 6	677882.7	4860587.7		22.34	0.72	0.07	74.30	1043.62	3.20	26.02	89.36	0.43	3.94		6.26E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.62E-04	0.20
340	F/B 1	677443.1	4867862.1		23.22	0.95	0.10	77.35	1044.75	2.11	24.93	88.27	0.57	5.17		6.41E-08	1.10E-04		0.52	7.64E-03	4.45E-03	0.02	7.71E-04	0.20
341	F/B 2	679667.4	4866611.4		20.87	0.35	0.03	69.23	1041.73	1.53	24.35	87.69	0.21	1.89		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19
342	F/B 3	678655.0	4867470.1		21.00	0.38	0.04	69.70	1041.91	1.00	23.82	87.16	0.23	2.08		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19
343	F/B 4	676191.2	4866844.7		20.58	0.27	0.03	68.24	1041.36	1.40	24.22	87.56	0.16	1.48		5.96E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
344	F/B 5	678273.3	4866093.0		20.48	0.25	0.02	67.89	1041.23	1.59	24.41	87.75	0.15	1.34		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19
345	F/B 6	681241.2	4867098.8		21.52	0.51	0.05	71.49	1042.57	1.70	24.52	87.86	0.31	2.80		6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19
346	F/B 7	682165.3	4868082.3		20.97	0.37	0.04	69.58	1041.86	1.18	24.00	87.34	0.22	2.03		6.03E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19
347	F/B 8	679366.6	4868628.3		20.87	0.35	0.03	69.24	1041.74	1.01	23.83	87.17	0.21	1.89		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19
348	F/B 9	680310.1	4869967.1		20.82	0.33	0.03	69.07	1041.67	1.16	23.98	87.32	0.20	1.82		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19
349	F/B 10	676487.3	4869291.6		20.58	0.27	0.03	68.23	1041.36	0.96	23.78	87.12	0.16	1.48		5.96E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
350	F/B 11	676851.4	4865409.3		20.60	0.28	0.03	68.31	1041.39	1.17	23.99	87.33	0.17	1.51		5.96E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
351	F/B 12	681153.3	4868682.2		20.72	0.31	0.03	68.71	1041.54	2.25	25.07	88.41	0.18	1.67		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
352	F/B 13	675416.3	4859833.9		20.63	0.29	0.03	68.42	1041.43	0.89	23.71	87.05	0.17	1.56		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
353	Second 1	675153.4	4860552.8		21.29	0.46	0.05	70.70	1042.28	1.29	24.11	87.45	0.27	2.48		6.08E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19
354	Second 2	675297.5	4860891.3		22.03	0.65	0.06	73.25	1043.23	2.44	25.26	88.60	0.39	3.51		6.21E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20
355	Second 3	675647.2	4860644.9		22.06	0.65	0.07	73.35	1043.27	2.48	25.30	88.64	0.39	3.56		6.21E-08	1.08E-04		0.52	7.54E-03	4.44E-03	0.02	7.60E-04	0.20
356	Second 4	675670.5	4860076.5		22.50	0.77	0.08	74.87	1043.83	2.64	25.46	88.80	0.46	4.17		6.29E-08	1.08E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20
357	Second 5	676043.3	4860319.1		21.45	0.50	0.05	71.26	1042.49	1.46	24.28	87.62	0.30	2.71		6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19
358	Second 6	675923.4	4859821.4		22.02	0.64	0.06	73.20	1043.21	2.03	24.85	88.19	0.39	3.50		6.21E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20
359	McLaughlin Bay 1	676714.7	4860903.8		22.00	0.64	0.06	73.13	1043.18	1.31	24.13	87.47	0.38	3.47		6.20E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20
360	McLaughlin Bay 2	677310.8	4860528.2		22.11	0.67	0.07	73.53	1043.33</															



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	2.48E-09	2.98E-06	1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19
372	Westside 1	686082.6	4862776.6	Updated Facility Contaminant Emission Rate (g/s)	21.82	0.59	0.06	72.51	1042.95	1.31	24.13	87.47	0.35	3.21	Chlorinated Polycyclic Aromatics	6.17E-08	1.07E-04	Metals	0.52	7.53E-03	4.43E-03	0.02	7.57E-04	0.20
373	Westside 2	685778.7	4862137.9		21.43	0.49	0.05	71.19	1042.46	0.95	23.77	87.12	0.30	2.68		6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19
374	Westside 3	685084.2	4862827.4		21.69	0.56	0.06	72.06	1042.78	1.34	24.16	87.50	0.33	3.03		6.15E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.56E-04	0.19
375	Darlington 1	680977.5	4865674.4		21.51	0.51	0.05	71.45	1042.56	1.49	24.31	87.65	0.31	2.78		6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19
376	Darlington 2	680913.9	4863967.1		22.36	0.73	0.07	74.39	1043.65	2.10	24.92	88.26	0.44	3.98		6.26E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.62E-04	0.20
377	Darlington 3	682602.8	4863659.6		22.50	0.77	0.08	74.89	1043.84	1.97	24.79	88.13	0.46	4.18		6.29E-08	1.08E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20
378	Darlington 4	682206.4	4862910.4		23.45	1.01	0.10	78.14	1045.05	1.97	24.79	88.13	0.61	5.50		6.45E-08	1.10E-04		0.52	7.65E-03	4.45E-03	0.02	7.73E-04	0.20
379	Darlington 5	683223.2	4861114.0		22.15	0.68	0.07	73.67	1043.38	1.66	24.48	87.82	0.41	3.69		6.23E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.61E-04	0.20
380	Darlington 6	683947.7	4862362.0		22.06	0.65	0.07	73.35	1043.27	1.09	23.91	87.25	0.39	3.56		6.21E-08	1.08E-04		0.52	7.54E-03	4.44E-03	0.02	7.60E-04	0.20
381	Darlington 7	685361.9	4861143.4		21.74	0.57	0.06	72.24	1042.85	1.01	23.83	87.17	0.34	3.10		6.16E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19
382	Bennett ECO/HH	688606.4	4862634.8		20.69	0.30	0.03	68.62	1041.51	0.97	23.79	87.13	0.18	1.64		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
383	Oshawa ECO/HH	673884.9	4859128.9		21.34	0.47	0.05	70.86	1042.34	1.04	23.86	87.20	0.28	2.55		6.09E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19
384	Oshawa Creek 1	671671.2	4862793.7		20.61	0.28	0.03	68.35	1041.40	0.99	23.81	87.15	0.17	1.53		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
385	Oshawa Creek 2	671668.5	4861589.5		20.46	0.24	0.02	67.82	1041.21	0.92	23.74	87.08	0.14	1.32		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19
386	Oshawa Creek 3	672820.2	4861287.2		20.50	0.25	0.03	67.95	1041.26	1.38	24.20	87.54	0.15	1.37		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19
387	Oshawa Creek 4	672360.3	4860262.6		20.61	0.28	0.03	68.33	1041.40	0.96	23.78	87.12	0.17	1.52		5.96E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19
388	Oshawa Creek 5	673921.2	4860115.0		20.92	0.36	0.04	69.40	1041.80	1.38	24.20	87.54	0.22	1.95		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19
389	Oshawa Creek 6	673154.0	4859421.9		20.72	0.31	0.03	68.73	1041.55	1.01	23.83	87.17	0.19	1.68		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19
390	Farmer	677409.8	4861051.4		23.58	1.04	0.10	78.62	1045.22	3.69	26.51	89.85	0.63	5.69		6.47E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.74E-04	0.20
391	Commercial Market	688276.3	4864698.5		20.75	0.32	0.03	68.83	1041.58	1.13	23.95	87.29	0.19	1.72		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavale nt)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Pa rticulate	Nickel	Phosphor us	Silver	Selenium	Thallium	Tin	Vanadiu m	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,	Chlorinated Monocyclic Aromatics	1,2- Dichlorob enzene	1,2,4,5- Tetrachlo robenzen e	1,2,4 - Trichloro benzene	2,3,4,6- Tetrachlo rophenol
																						Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	8.45E-05	2.13E-06
					2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02					
					1.47E-03			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		0.03		0.11	
1	Campground 10	678526.8	4859996.8		2.47E-03	6.59E-03	4.59E-05	7.04E-03	2.30E-03	0.02	2.15E-03	0.02	0.18	1.31E-03	7.41E-03	5.59E-03	9.87E-03	3.94E-03	0.13	0.58		0.03	7.38E-06	0.11	2.49E-05
2	ECO 2	675490.4	4860360.1		1.98E-03	3.35E-03	2.33E-05	6.88E-03	1.89E-03	0.02	1.09E-03	0.02	0.18	1.08E-03	7.38E-03	2.84E-03	8.63E-03	3.86E-03	0.12	0.55		0.03	3.75E-06	0.11	1.27E-05
3	Recreational 5	681642.0	4860349.3		3.49E-03	0.01	9.25E-05	7.37E-03	3.15E-03	0.03	4.34E-03	0.04	0.19	1.80E-03	7.48E-03	0.01	0.01	4.11E-03	0.16	0.65		0.03	1.49E-05	0.11	5.02E-05
4	ECO 4	676831.5	4859840.9		1.96E-03	3.21E-03	2.23E-05	6.87E-03	1.88E-03	0.02	1.05E-03	0.02	0.18	1.07E-03	7.38E-03	2.72E-03	8.57E-03	3.85E-03	0.12	0.55		0.03	3.60E-06	0.11	1.21E-05
5	Bow. Valley Cons. 3	685767.2	4863879.0		1.82E-03	2.27E-03	1.58E-05	6.83E-03	1.76E-03	0.01	7.41E-04	0.02	0.18	9.98E-04	7.37E-03	1.93E-03	8.22E-03	3.83E-03	0.11	0.54		0.03	2.55E-06	0.11	8.59E-06
6	ECO 6	679647.8	4859989.3		2.85E-03	9.03E-03	6.28E-05	7.16E-03	2.61E-03	0.02	2.95E-03	0.03	0.18	1.49E-03	7.44E-03	7.66E-03	0.01	4.00E-03	0.14	0.61		0.03	1.01E-05	0.11	3.41E-05
7	ECO 7	681578.8	4862070.1		2.37E-03	5.94E-03	4.13E-05	7.01E-03	2.22E-03	0.02	1.94E-03	0.02	0.18	1.26E-03	7.41E-03	5.03E-03	9.62E-03	3.92E-03	0.13	0.57		0.03	6.64E-06	0.11	2.24E-05
8	ECO 8	679735.5	4861048.6		3.35E-03	0.01	8.59E-05	7.32E-03	3.03E-03	0.03	4.03E-03	0.03	0.19	1.73E-03	7.47E-03	0.01	0.01	4.08E-03	0.16	0.64		0.03	1.38E-05	0.11	4.67E-05
9	ECO 9	687219.7	4864249.3		1.76E-03	1.89E-03	1.31E-05	6.81E-03	1.71E-03	0.01	6.15E-04	0.01	0.18	9.70E-04	7.37E-03	1.60E-03	8.07E-03	3.82E-03	0.11	0.53		0.03	2.11E-06	0.11	7.13E-06
10	ECO 10	686519.0	4861987.6		1.82E-03	2.31E-03	1.61E-05	6.83E-03	1.76E-03	0.01	7.53E-04	0.02	0.18	1.00E-03	7.37E-03	1.96E-03	8.23E-03	3.83E-03	0.11	0.54		0.03	2.58E-06	0.11	8.72E-06
11	ECO 11	679870.4	4859737.9		2.40E-03	6.09E-03	4.24E-05	7.01E-03	2.24E-03	0.02	1.99E-03	0.02	0.18	1.28E-03	7.41E-03	5.17E-03	9.68E-03	3.93E-03	0.13	0.58		0.03	6.82E-06	0.11	2.30E-05
12	Recreational 4	681575.5	4860557.7		3.92E-03	0.02	1.12E-04	7.50E-03	3.49E-03	0.03	5.24E-03	0.04	0.19	2.00E-03	7.51E-03	0.01	0.01	4.18E-03	0.17	0.68		0.03	1.80E-05	0.11	6.07E-05
13	Future Industrial 9	680704.5	4859857.8		2.62E-03	7.54E-03	5.25E-05	7.08E-03	2.42E-03	0.02	2.46E-03	0.03	0.18	1.38E-03	7.42E-03	6.39E-03	0.01	3.96E-03	0.14	0.59		0.03	8.44E-06	0.11	2.85E-05
14	Future Industrial 10	680608.0	4860719.6		4.61E-03	0.02	1.44E-04	7.73E-03	4.07E-03	0.03	6.73E-03	0.05	0.20	2.34E-03	7.56E-03	0.02	0.02	4.29E-03	0.19	0.72		0.03	2.31E-05	0.11	7.80E-05
15	Harmony Creek	673992.4	4865641.4		1.66E-03	1.24E-03	8.62E-06	6.78E-03	1.63E-03	0.01	4.04E-04	0.01	0.18	9.23E-04	7.36E-03	1.05E-03	7.82E-03	3.80E-03	0.11	0.53		0.03	1.39E-06	0.11	4.68E-06
16	Farewell Creek	678079.2	4868822.7		1.68E-03	1.34E-03	9.34E-06	6.78E-03	1.64E-03	0.01	4.38E-04	0.01	0.18	9.30E-04	7.36E-03	1.14E-03	7.86E-03	3.81E-03	0.11	0.53		0.03	1.50E-06	0.11	5.07E-06
17	Farmer	681378.6	4860335.0		3.47E-03	0.01	9.12E-05	7.36E-03	3.12E-03	0.03	4.27E-03	0.04	0.19	1.79E-03	7.48E-03	0.01	0.01	4.10E-03	0.16	0.65		0.03	1.47E-05	0.11	4.95E-05
18	Watson Farm	682883.4	4864219.7		2.11E-03	4.18E-03	2.90E-05	6.92E-03	2.00E-03	0.02	1.36E-03	0.02	0.18	1.14E-03	7.39E-03	3.54E-03	8.94E-03	3.88E-03	0.12	0.56		0.03	4.67E-06	0.11	1.58E-05
19	Racanski Farm	678929.2	4865530.2		1.77E-03	1.99E-03	1.38E-05	6.81E-03	1.72E-03	0.01	6.48E-04	0.01	0.18	9.77E-04	7.37E-03	1.68E-03	8.11E-03	3.82E-03	0.11	0.54		0.03	2.22E-06	0.11	7.50E-06
20	Zoo	687216.8	4864835.3		1.70E-03	1.50E-03	1.04E-05	6.79E-03	1.66E-03	0.01	4.88E-04	0.01	0.18	9.42E-04	7.36E-03	1.27E-03	7.92E-03	3.81E-03	0.11	0.53		0.03	1.68E-06	0.11	5.65E-06
21	Cedar Crest Beach	686652.1	4861660.9		1.89E-03	2.76E-03	1.92E-05	6.85E-03	1.82E-03	0.02	9.01E-04	0.02	0.18	1.03E-03	7.37E-03	2.34E-03	8.40E-03	3.84E-03	0.12	0.54		0.03	3.10E-06	0.11	1.04E-05
22	Darlington Prov Park Beach	677844.6	4859718.2		2.04E-03	3.77E-03	2.62E-05	6.90E-03	1.95E-03	0.02	1.23E-03	0.02	0.18	1.11E-03	7.39E-03	3.20E-03	8.79E-03	3.87E-03	0.12	0.55		0.03	4.22E-06	0.11	1.42E-05
23	OPG 1	682258.1	4860045.0		2.28E-03	5.28E-03	3.68E-05	6.97E-03	2.14E-03	0.02	1.72E-03	0.02	0.18	1.22E-03	7.40E-03	4.48E-03	9.37E-03	3.91E-03	0.13	0.57		0.03	5.92E-06	0.11	2.00E-05
24	OPG 2	682551.4	4859889.1		2.45E-03	6.44E-03	4.48E-05	7.03E-03	2.28E-03	0.02	2.10E-03	0.02	0.18	1.30E-03	7.41E-03	5.46E-03	9.81E-03	3.94E-03	0.13	0.58		0.03	7.21E-06	0.11	2.43E-05
25	OPG 3	682824.6	4859759.3		2.08E-03	4.00E-03	2.79E-05	6.91E-03	1.98E-03	0.02	1.31E-03	0.02	0.18	1.12E-03	7.39E-03	3.40E-03	8.88E-03	3.87E-03	0.12	0.56		0.03	4.48E-06	0.11	1.51E-05
26	OPG 4	683021.6	4859937.3		2.22E-03	4.92E-03	3.42E-05	6.96E-03	2.09E-03	0.02	1.60E-03	0.02	0.18	1.19E-03	7.40E-03	4.17E-03	9.23E-03	3.90E-03	0.12	0.56		0.03	5.50E-06	0.11	1.86E-05
27	OPG 5	683318.2	4859677.8		2.04E-03	3.73E-03	2.59E-05	6.90E-03	1.94E-03	0.02	1.22E-03	0.02	0.18	1.10E-03	7.38E-03	3.16E-03	8.77E-03	3.87E-03	0.12	0.55		0.03	4.17E-06	0.11	1.41E-05
28	OPG 6	683306.9	4860023.0		2.14E-03	4.39E-03	3.05E-05	6.93E-03	2.02E-03	0.02	1.43E-03	0.02	0.18	1.15E-03	7.39E-03	3.72E-03	9.03E-03	3.88E-03	0.12	0.56		0.03	4.91E-06	0.11	1.66E-05
29	OPG 7	683718.6	4859915.8		2.11E-03	4.18E-03	2.91E-05	6.92E-03	2.00E-03	0.02	1.36E-03	0.02	0.18	1.14E-03	7.39E-03	3.54E-03	8.94E-03	3.88E-03	0.12	0.56		0.03	4.68E-06	0.11	1.58E-05
30	OPG 8	682702.0	4859998.6		2.22E-03	4.94E-03	3.44E-05	6.96E-03	2.09E-03	0.02	1.61E-03	0.02	0.18	1.19E-03	7.40E-03	4.19E-03	9.24E-03	3.90E-03	0.12	0.56		0.03	5.54E-06	0.11	1.87E-05
31	OPG 9	684347.7	4861184.6		2.00E-03	3.46E-03	2.41E-05	6.89E-03	1.91E-03	0.02	1.13E-03	0.02	0.18	1.08E-03	7.38E-03	2.93E-03	8.67E-03	3.86E-03	0.12	0.55		0.03	3.88E-06	0.11	1.31E-05
32	OPG 10	682157.2	4861228.2		2.58E-03	7.29E-03	5.07E-05	7.07E-03	2.39E-03	0.02	2.38E-03	0.02	0.18	1.36E-03	7.42E-03	6.18E-03	0.01	3.96E-03	0.13	0.59		0.03	8.16E-06	0.11	2.75E-05
33	St. Mary's 1	684557.0	4861070.0		2.12E-03	4.24E-03	2.95E-05	6.92E-03	2.01E-03	0.02	1.38E-03	0.02	0.18	1.14E-03	7.39E-03	3.60E-03	8.97E-03	3.88E-03	0.12	0.56		0.03	4.75E-06	0.11	1.60E-05
34	St. Mary's 2	684657.3	4861320.8		1.96E-03	3.19E-03	2.22E-05	6.87E-03	1.87E-03	0.02	1.04E-03	0.02	0.18	1.06E-03	7.38E-03	2.70E-03	8.56E-03	3.85E-03	0.12	0.55		0.03	3.57E-06	0.11	1.20E-05
35	St. Mary's 3	684905.3	4861154.4		2.04E-03	3.76E-03	2.62E-05	6.90E-03	1.94E-03	0.02	1.23E-03	0.02	0.18	1.11E-03	7.38E-03	3.19E-03	8.78E-03	3.87E-03	0.12	0.55		0.03	4.21E-06	0.11	1.42E-05
36	Court. Subdivision 1	677328.4	4862976.1		1.99E-03	3.39E-03	2.36E-05	6.88E-03	1.90E-03	0.02	1.10E-03	0.02	0.18	1.08E-03	7.38E-03	2.87E-03	8.64E-03	3.86							

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavale nt)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Pa rticulate	Nickel	Phosphor us	Silver	Selenium	Thallium	Tin	Vanadiu m	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,	Chlorinated Monocyclic Aromatics	1,2- Dichlorob enzene	1,2,4,5- Tetrachlo robenzene	1,2,4 - Trichloro benzene	2,3,4,6- Tetrachlo rophenol
																						Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	8.45E-05	2.13E-06
54	Bow. Subdivision 9	684777.3	4863330.5	Updated Facility Contaminant Emission Rate (g/s)	2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02		8.45E-05	2.13E-06	2.13E-06	7.18E-06
				Background Concentration (ug/m3)	1.47E-03			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		0.03		0.11	
55	Bow. Subdivision 10	685266.0	4863243.1		2.05E-03	3.80E-03	2.65E-05	6.90E-03	1.95E-03	0.02	1.24E-03	0.02	0.18	1.11E-03	7.39E-03	3.23E-03	8.80E-03	3.87E-03	0.12	0.55		0.03	4.26E-06	0.11	1.44E-05
56	Osh/Court Subdivision 1	677396.8	4860977.3		1.95E-03	3.17E-03	2.21E-05	6.87E-03	1.87E-03	0.02	1.03E-03	0.02	0.18	1.06E-03	7.38E-03	2.69E-03	8.56E-03	3.85E-03	0.12	0.55		0.03	3.55E-06	0.11	1.20E-05
57	Osh/Court Subdivision 2	676633.5	4860816.8		2.27E-03	5.23E-03	3.64E-05	6.97E-03	2.13E-03	0.02	1.70E-03	0.02	0.18	1.21E-03	7.40E-03	4.43E-03	9.35E-03	3.90E-03	0.13	0.57		0.03	5.85E-06	0.11	1.98E-05
58	Osh/Court Subdivision 3	676916.0	4861925.0		2.03E-03	3.70E-03	2.57E-05	6.90E-03	1.94E-03	0.02	1.21E-03	0.02	0.18	1.10E-03	7.38E-03	3.14E-03	8.76E-03	3.87E-03	0.12	0.55		0.03	4.14E-06	0.11	1.40E-05
59	Osh/Court Subdivision 4	676730.5	4861317.1		2.01E-03	3.55E-03	2.47E-05	6.89E-03	1.92E-03	0.02	1.16E-03	0.02	0.18	1.09E-03	7.38E-03	3.01E-03	8.70E-03	3.86E-03	0.12	0.55		0.03	3.98E-06	0.11	1.34E-05
60	Osh/Court Subdivision 5	676087.2	4861392.3		1.98E-03	3.36E-03	2.34E-05	6.88E-03	1.89E-03	0.02	1.10E-03	0.02	0.18	1.08E-03	7.38E-03	2.85E-03	8.63E-03	3.86E-03	0.12	0.55		0.03	3.76E-06	0.11	1.27E-05
61	Osh/Court Subdivision 6	676177.1	4861722.2		1.94E-03	3.10E-03	2.16E-05	6.87E-03	1.86E-03	0.02	1.01E-03	0.02	0.18	1.06E-03	7.38E-03	2.63E-03	8.53E-03	3.85E-03	0.12	0.55		0.03	3.47E-06	0.11	1.17E-05
62	Osh/Court Subdivision 7	675670.7	4861783.2		2.00E-03	3.45E-03	2.40E-05	6.88E-03	1.91E-03	0.02	1.13E-03	0.02	0.18	1.08E-03	7.38E-03	2.93E-03	8.67E-03	3.86E-03	0.12	0.55		0.03	3.87E-06	0.11	1.31E-05
63	Osh/Court Subdivision 8	676050.8	4862055.7		1.87E-03	2.63E-03	1.83E-05	6.84E-03	1.80E-03	0.01	8.57E-04	0.02	0.18	1.02E-03	7.37E-03	2.23E-03	8.35E-03	3.84E-03	0.11	0.54		0.03	2.94E-06	0.11	9.94E-06
64	Osh/Court Subdivision 9	676636.9	4862134.3		2.20E-03	4.77E-03	3.32E-05	6.95E-03	2.07E-03	0.02	1.56E-03	0.02	0.18	1.18E-03	7.40E-03	4.04E-03	9.17E-03	3.89E-03	0.12	0.56		0.03	5.34E-06	0.11	1.80E-05
65	Osh/Court Subdivision 10	676571.3	4861634.8		2.01E-03	3.56E-03	2.47E-05	6.89E-03	1.92E-03	0.02	1.16E-03	0.02	0.18	1.09E-03	7.38E-03	3.02E-03	8.71E-03	3.86E-03	0.12	0.55		0.03	3.98E-06	0.11	1.34E-05
66	Bow. Subdivision 11	684649.2	4863182.7		1.95E-03	3.14E-03	2.18E-05	6.87E-03	1.87E-03	0.02	1.02E-03	0.02	0.18	1.06E-03	7.38E-03	2.66E-03	8.55E-03	3.85E-03	0.12	0.55		0.03	3.51E-06	0.11	1.18E-05
67	Daycare B	685172.4	4863933.1		2.08E-03	4.01E-03	2.79E-05	6.91E-03	1.98E-03	0.02	1.31E-03	0.02	0.18	1.12E-03	7.39E-03	3.40E-03	8.88E-03	3.87E-03	0.12	0.56		0.03	4.48E-06	0.11	1.51E-05
68	Daycare C	685452.0	4863104.4		1.80E-03	2.17E-03	1.51E-05	6.82E-03	1.74E-03	0.01	7.09E-04	0.02	0.18	9.91E-04	7.37E-03	1.84E-03	8.18E-03	3.83E-03	0.11	0.54		0.03	2.43E-06	0.11	8.22E-06
69	Daycare D	685452.0	4863104.4		1.94E-03	3.10E-03	2.16E-05	6.87E-03	1.86E-03	0.02	1.01E-03	0.02	0.18	1.06E-03	7.38E-03	2.63E-03	8.53E-03	3.85E-03	0.12	0.55		0.03	3.47E-06	0.11	1.17E-05
70	Daycare E	685735.4	4864790.8		1.72E-03	1.65E-03	1.15E-05	6.80E-03	1.68E-03	0.01	5.38E-04	0.01	0.18	9.53E-04	7.36E-03	1.40E-03	7.98E-03	3.81E-03	0.11	0.53		0.03	1.85E-06	0.11	6.24E-06
71	Daycare F	685520.3	4864854.3		1.72E-03	1.64E-03	1.14E-05	6.80E-03	1.68E-03	0.01	5.36E-04	0.01	0.18	9.52E-04	7.36E-03	1.39E-03	7.97E-03	3.81E-03	0.11	0.53		0.03	1.84E-06	0.11	6.22E-06
72	Daycare G	685441.9	4864878.0		1.70E-03	1.53E-03	1.06E-05	6.79E-03	1.66E-03	0.01	4.98E-04	0.01	0.18	9.44E-04	7.36E-03	1.30E-03	7.93E-03	3.81E-03	0.11	0.53		0.03	1.71E-06	0.11	5.77E-06
73	Daycare H	686364.8	4864707.8		1.71E-03	1.55E-03	1.08E-05	6.79E-03	1.67E-03	0.01	5.07E-04	0.01	0.18	9.46E-04	7.36E-03	1.32E-03	7.94E-03	3.81E-03	0.11	0.53		0.03	1.74E-06	0.11	5.87E-06
74	Daycare I	685721.6	4865127.3		1.72E-03	1.62E-03	1.13E-05	6.80E-03	1.68E-03	0.01	5.29E-04	0.01	0.18	9.51E-04	7.36E-03	1.38E-03	7.97E-03	3.81E-03	0.11	0.53		0.03	1.82E-06	0.11	6.13E-06
75	Daycare J	687256.3	4863565.4		1.68E-03	1.40E-03	9.76E-06	6.78E-03	1.65E-03	0.01	4.57E-04	0.01	0.18	9.35E-04	7.36E-03	1.19E-03	7.88E-03	3.81E-03	0.11	0.53		0.03	1.57E-06	0.11	5.30E-06
76	Daycare K	677694.1	4864043.7		2.78E-03	8.60E-03	5.98E-05	7.14E-03	2.55E-03	0.02	2.80E-03	0.03	0.18	1.46E-03	7.44E-03	7.29E-03	8.01	3.99E-03	0.14	0.60		0.03	9.63E-06	0.11	3.25E-05
77	Daycare L	676479.5	4862526.2		1.99E-03	3.38E-03	2.35E-05	6.88E-03	1.90E-03	0.02	1.10E-03	0.02	0.18	1.08E-03	7.38E-03	2.87E-03	8.64E-03	3.86E-03	0.12	0.55		0.03	3.79E-06	0.11	1.28E-05
78	Daycare M	678320.9	4864763.5		2.14E-03	4.42E-03	3.08E-05	6.93E-03	2.03E-03	0.02	1.44E-03	0.02	0.18	1.15E-03	7.39E-03	3.75E-03	9.04E-03	3.88E-03	0.12	0.56		0.03	4.95E-06	0.11	1.67E-05
79	Daycare N	678513.4	4865058.0		1.85E-03	2.48E-03	1.72E-05	6.84E-03	1.78E-03	0.01	8.08E-04	0.02	0.18	1.01E-03	7.37E-03	2.10E-03	8.29E-03	3.84E-03	0.11	0.54		0.03	2.77E-06	0.11	9.36E-06
80	Daycare O	672788.7	4863936.6		1.86E-03	2.56E-03	1.78E-05	6.84E-03	1.79E-03	0.01	8.35E-04	0.02	0.18	1.02E-03	7.37E-03	2.17E-03	8.33E-03	3.84E-03	0.11	0.54		0.03	2.87E-06	0.11	9.68E-06
81	Daycare P	673952.8	4863592.5		1.77E-03	1.95E-03	1.36E-05	6.81E-03	1.72E-03	0.01	6.35E-04	0.01	0.18	9.74E-04	7.37E-03	1.65E-03	8.09E-03	3.82E-03	0.11	0.53		0.03	2.18E-06	0.11	7.36E-06
82	Daycare Q	671751.8	4864887.7		1.87E-03	2.59E-03	1.80E-05	6.84E-03	1.80E-03	0.01	8.45E-04	0.02	0.18	1.02E-03	7.37E-03	2.20E-03	8.34E-03	3.84E-03	0.11	0.54		0.03	2.90E-06	0.11	9.79E-06
83	Daycare R	685714.4	4864667.4		1.68E-03	1.38E-03	9.58E-06	6.78E-03	1.64E-03	0.01	4.49E-04	0.01	0.18	9.33E-04	7.36E-03	1.17E-03	7.87E-03	3.81E-03	0.11	0.53		0.03	1.54E-06	0.11	5.21E-06
84	Daycare S	684177.9	4863618.2		1.74E-03	1.75E-03	1.22E-05	6.80E-03	1.69E-03	0.01	5.72E-04	0.01	0.18	9.60E-04	7.36E-03	1.49E-03	8.02E-03	3.82E-03	0.11	0.53		0.03	1.96E-06	0.11	6.62E-06
85	Daycare T	678423.6	4864480.4		1.91E-03	2.87E-03	1.99E-05	6.86E-03	1.83E-03	0.02	9.34E-04	0.02	0.18	1.04E-03	7.38E-03	2.43E-03	8.44E-03	3.85E-03	0.12	0.54		0.03	3.21E-06	0.11	1.08E-05
86	Daycare U	685330.5	4863435.1		1.92E-03	2.98E-03	2.07E-05	6.86E-03	1.85E-03	0.02	9.70E-04	0.02	0.18	1.05E-03	7.38E-03	2.52E-03	8.48E-03	3.85E-03	0.12	0.55		0.03	3.33E-06	0.11	1.12E-05
87	Daycare V	685153.2	4863236.9		1.91E-03	2.91E-03	2.02E-05	6.86E-03	1.84E-03	0.02	9.48E-04	0.02	0.18	1.04E-03	7.38E-03	2.47E-03	8.46E-03	3.85E-03	0.12	0.54		0.03	3.26E-06	0.11	1.10E-05
88	Daycare W	672679.0	4862044.9		2.04E-03	3.71E-03	2.58E-05	6.90E-03	1.94E-03	0.02	1.21E-03	0.02	0.18	1.10E-03	7.38E-03	3.14E-03	8.76E-03	3.87E-03	0.12	0.55		0.03	4.15E-06	0.11	1.40E-05
89	Daycare X	672076.5	4865285.8		1.69E-03	1.41E-03	9.81E-06	6.78E-03	1.65E-03	0.01	4.60E-04	0.01	0.18	9.35E-04	7.36E-03	1.20E-03	7.89E-03	3.81E-03	0.11	0.53		0.03	1.58E-06	0.11	5.33E-06
90	Daycare Y	672638.0	4859664.4																						

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavale nt)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Pa rticulate	Nickel	Phosphor us	Silver	Selenium	Thallium	Tin	Vanadiu m	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,	Chlorinated Monocyclic Aromatics	1,2- Dichlorob enzene	1,2,4,5- Tetrachlo robenzene	1,2,4 – Trichloro benzene	2,3,4,6- Tetrachlo rophenol
107	Daycare PP	674794.5	4864915.4	Updated Facility Contaminant Emission Rate (g/s)	2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02	Chlorinated Monocyclic Aromatics	8.45E-05	2.13E-06	2.13E-06	7.18E-06
				Background Concentration (ug/m3)	1.47E-03			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		0.03		0.11	
108	Hospital	686324.2	4864395.8	Updated Facility Contaminant Emission Rate (g/s)	1.70E-03	1.49E-03	1.03E-05	6.79E-03	1.66E-03	0.01	4.84E-04	0.01	0.18	9.41E-04	7.36E-03	1.26E-03	7.91E-03	3.81E-03	0.11	0.53		0.03	1.66E-06	0.11	5.61E-06
109	Hospital (Children s)	676057.8	4862180.9	Updated Facility Contaminant Emission Rate (g/s)	1.75E-03	1.86E-03	1.29E-05	6.81E-03	1.70E-03	0.01	6.06E-04	0.01	0.18	9.68E-04	7.37E-03	1.58E-03	8.06E-03	3.82E-03	0.11	0.53		0.03	2.08E-06	0.11	7.02E-06
110	Hospital	671233.2	4863615.9	Updated Facility Contaminant Emission Rate (g/s)	2.30E-03	5.47E-03	3.81E-05	6.98E-03	2.16E-03	0.02	1.78E-03	0.02	0.18	1.23E-03	7.40E-03	4.64E-03	9.44E-03	3.91E-03	0.13	0.57		0.03	6.13E-06	0.11	2.07E-05
111	Comm. Resp. Services	676045.4	4863902.5	Updated Facility Contaminant Emission Rate (g/s)	1.70E-03	1.48E-03	1.03E-05	6.79E-03	1.66E-03	0.01	4.82E-04	0.01	0.18	9.40E-04	7.36E-03	1.25E-03	7.91E-03	3.81E-03	0.11	0.53		0.03	1.66E-06	0.11	5.59E-06
112	Hospital	671712.7	4862364.1	Updated Facility Contaminant Emission Rate (g/s)	2.06E-03	3.84E-03	2.67E-05	6.90E-03	1.95E-03	0.02	1.25E-03	0.02	0.18	1.11E-03	7.39E-03	3.26E-03	8.82E-03	3.87E-03	0.12	0.55		0.03	4.30E-06	0.11	1.45E-05
113	Retirement Residence A	684199.9	4864120.3	Updated Facility Contaminant Emission Rate (g/s)	1.66E-03	1.21E-03	8.44E-06	6.78E-03	1.62E-03	0.01	3.96E-04	0.01	0.18	9.21E-04	7.36E-03	1.03E-03	7.81E-03	3.80E-03	0.11	0.53		0.03	1.36E-06	0.11	4.59E-06
114	Retirement Residence B	685483.9	4865150.9	Updated Facility Contaminant Emission Rate (g/s)	2.08E-03	4.00E-03	2.78E-05	6.91E-03	1.98E-03	0.02	1.31E-03	0.02	0.18	1.12E-03	7.39E-03	3.39E-03	8.88E-03	3.87E-03	0.12	0.56		0.03	4.48E-06	0.11	1.51E-05
115	Retirement Residence C	686844.0	4864732.1	Updated Facility Contaminant Emission Rate (g/s)	1.78E-03	2.01E-03	1.40E-05	6.81E-03	1.72E-03	0.01	6.55E-04	0.01	0.18	9.79E-04	7.37E-03	1.70E-03	8.11E-03	3.82E-03	0.11	0.54		0.03	2.25E-06	0.11	7.60E-06
116	Retirement Residence D	673481.7	4863343.4	Updated Facility Contaminant Emission Rate (g/s)	1.72E-03	1.65E-03	1.15E-05	6.80E-03	1.68E-03	0.01	5.37E-04	0.01	0.18	9.52E-04	7.36E-03	1.40E-03	7.98E-03	3.81E-03	0.11	0.53		0.03	1.84E-06	0.11	6.22E-06
117	Retirement Residence E	671825.2	4864399.0	Updated Facility Contaminant Emission Rate (g/s)	1.79E-03	2.09E-03	1.45E-05	6.82E-03	1.73E-03	0.01	6.80E-04	0.01	0.18	9.84E-04	7.37E-03	1.77E-03	8.14E-03	3.83E-03	0.11	0.54		0.03	2.33E-06	0.11	7.88E-06
118	Retirement Residence F	671606.3	4864536.0	Updated Facility Contaminant Emission Rate (g/s)	1.72E-03	1.65E-03	1.15E-05	6.80E-03	1.68E-03	0.01	5.37E-04	0.01	0.18	9.53E-04	7.36E-03	1.40E-03	7.98E-03	3.81E-03	0.11	0.53		0.03	1.84E-06	0.11	6.22E-06
119	Retirement Residence G	671357.1	4862958.7	Updated Facility Contaminant Emission Rate (g/s)	1.71E-03	1.55E-03	1.08E-05	6.79E-03	1.67E-03	0.01	5.06E-04	0.01	0.18	9.46E-04	7.36E-03	1.32E-03	7.94E-03	3.81E-03	0.11	0.53		0.03	1.74E-06	0.11	5.86E-06
120	Retirement Residence H	671514.0	4862262.9	Updated Facility Contaminant Emission Rate (g/s)	1.67E-03	1.33E-03	9.28E-06	6.78E-03	1.64E-03	0.01	4.35E-04	0.01	0.18	9.30E-04	7.36E-03	1.13E-03	7.86E-03	3.81E-03	0.11	0.53		0.03	1.49E-06	0.11	5.04E-06
121	Retirement Residence I	672602.2	4863075.9	Updated Facility Contaminant Emission Rate (g/s)	1.66E-03	1.26E-03	8.75E-06	6.78E-03	1.63E-03	0.01	4.10E-04	0.01	0.18	9.24E-04	7.36E-03	1.07E-03	7.83E-03	3.80E-03	0.11	0.53		0.03	1.41E-06	0.11	4.76E-06
122	Retirement Residence J	671719.1	4862893.1	Updated Facility Contaminant Emission Rate (g/s)	1.75E-03	1.82E-03	1.26E-05	6.80E-03	1.70E-03	0.01	5.92E-04	0.01	0.18	9.65E-04	7.36E-03	1.54E-03	8.04E-03	3.82E-03	0.11	0.53		0.03	2.03E-06	0.11	6.87E-06
123	Retirement Residence K	686718.0	4865648.7	Updated Facility Contaminant Emission Rate (g/s)	1.69E-03	1.41E-03	9.83E-06	6.78E-03	1.65E-03	0.01	4.61E-04	0.01	0.18	9.35E-04	7.36E-03	1.20E-03	7.89E-03	3.81E-03	0.11	0.53		0.03	1.58E-06	0.11	5.34E-06
124	Retirement Residence L	676168.7	4865669.9	Updated Facility Contaminant Emission Rate (g/s)	1.69E-03	1.47E-03	1.02E-05	6.79E-03	1.66E-03	0.01	4.80E-04	0.01	0.18	9.40E-04	7.36E-03	1.25E-03	7.91E-03	3.81E-03	0.11	0.53		0.03	1.65E-06	0.11	5.56E-06
125	Retirement Residence M	676118.5	4863980.7	Updated Facility Contaminant Emission Rate (g/s)	1.77E-03	1.98E-03	1.38E-05	6.81E-03	1.72E-03	0.01	6.45E-04	0.01	0.18	9.77E-04	7.37E-03	1.68E-03	8.10E-03	3.82E-03	0.11	0.54		0.03	2.21E-06	0.11	7.47E-06
126	Bow. Subdivision 12	684649.2	4863182.7	Updated Facility Contaminant Emission Rate (g/s)	2.10E-03	4.16E-03	2.89E-05	6.92E-03	1.99E-03	0.02	1.36E-03	0.02	0.18	1.14E-03	7.39E-03	3.52E-03	8.94E-03	3.88E-03	0.12	0.56		0.03	4.65E-06	0.11	1.57E-05
127	Primary School B	685384.8	4863575.3	Updated Facility Contaminant Emission Rate (g/s)	2.08E-03	4.01E-03	2.79E-05	6.91E-03	1.98E-03	0.02	1.31E-03	0.02	0.18	1.12E-03	7.39E-03	3.40E-03	8.88E-03	3.87E-03	0.12	0.56		0.03	4.48E-06	0.11	1.51E-05
128	Primary School C	685021.6	4863952.9	Updated Facility Contaminant Emission Rate (g/s)	1.85E-03	2.50E-03	1.74E-05	6.84E-03	1.79E-03	0.01	8.14E-04	0.02	0.18	1.01E-03	7.37E-03	2.12E-03	8.30E-03	3.84E-03	0.11	0.54		0.03	2.79E-06	0.11	9.43E-06
129	Primary School D	686237.0	4864085.5	Updated Facility Contaminant Emission Rate (g/s)	1.89E-03	2.78E-03	1.93E-05	6.85E-03	1.82E-03	0.02	9.06E-04	0.02	0.18	1.04E-03	7.37E-03	2.36E-03	8.41E-03	3.84E-03	0.12	0.54		0.03	3.11E-06	0.11	1.05E-05
130	Primary School E	686719.0	4863734.7	Updated Facility Contaminant Emission Rate (g/s)	1.78E-03	2.05E-03	1.43E-05	6.82E-03	1.73E-03	0.01	6.70E-04	0.01	0.18	9.82E-04	7.37E-03	1.74E-03	8.13E-03	3.82E-03	0.11	0.54		0.03	2.30E-06	0.11	7.76E-06
131	Primary School F	686719.0	4863734.7	Updated Facility Contaminant Emission Rate (g/s)	1.76E-03	1.89E-03	1.31E-05	6.81E-03	1.71E-03	0.01	6.15E-04	0.01	0.18	9.70E-04	7.37E-03	1.60E-03	8.07E-03	3.82E-03	0.11	0.53		0.03	2.11E-06	0.11	7.12E-06
132	Primary School G	686357.0	4864754.9	Updated Facility Contaminant Emission Rate (g/s)	1.71E-03	1.59E-03	1.11E-05	6.79E-03	1.67E-03	0.01	5.19E-04	0.01	0.18	9.48E-04	7.36E-03	1.35E-03	7.95E-03	3.81E-03	0.11	0.53		0.03	1.78E-06	0.11	6.02E-06
133	Primary School H	685502.0	4865013.4	Updated Facility Contaminant Emission Rate (g/s)	1.70E-03	1.54E-03	1.07E-05	6.79E-03	1.66E-03	0.01	5.01E-04	0.01	0.18	9.44E-04	7.36E-03	1.30E-03	7.93E-03	3.81E-03	0.11	0.53		0.03	1.72E-06	0.11	5.80E-06
134	Primary School I	686726.7	4866061.5	Updated Facility Contaminant Emission Rate (g/s)	1.66E-03	1.25E-03	8.71E-06	6.78E-03	1.63E-03	0.01	4.08E-04	0.01	0.18	9.24E-04	7.36E-03	1.06E-03	7.82E-03	3.80E-03	0.11	0.53		0.03	1.40E-06	0.11	4.73E-06
135	Primary School J	685186.2	4866568.2	Updated Facility Contaminant Emission Rate (g/s)	2.02E-03	3.58E-03	2.49E-05	6.89E-03	1.92E-03	0.02	1.17E-03	0.02	0.18	1.09E-03	7.38E-03	3.03E-03	8.17E-03	3.86E-03	0.12	0.55		0.03	4.01E-06	0.11	1.35E-05
136	Primary School K	685965.3	4866979.0	Updated Facility Contaminant Emission Rate (g/s)	1.72E-03	1.63E-03	1.14E-05	6.80E-03	1.68E-03	0.01	5.32E-04	0.01	0.18	9.51E-04	7.36E-03	1.38E-03	7.97E-03	3.81E-03	0.11	0.53		0.03	1.83E-06	0.11	6.17E-06
137	Primary School L	677709.9	4864726.5	Updated Facility Contaminant Emission Rate (g/s)	1.94E-03	3.11E-03	2.17E-05	6.87E-03	1.86E-03	0.02	1.02E-03	0.02	0.18	1.06E-03	7.38E-03	2.64E-03	8.54E-03	3.85E-03	0.12	0.55		0.03	3.49E-06	0.11	1.18E-05
138	Primary School M	675988.3	4864270.2	Updated Facility Contaminant Emission Rate (g/s)	2.03E-03	3.68E-03	2.56E-05	6.90E-03	1.93E-03	0.02	1.20E-03	0.02	0.18	1.10E-03	7.38E-03	3.12E-03	8.75E-03	3.87E-03	0.12	0.55		0.03	4.12E-06	0.11	1.39E-05
139	Primary School N	676608.7	4862739.0	Updated Facility Contaminant Emission Rate (g/s)	1.96E-03	3.21E-03	2.23E-05	6.87E-03	1.88E-03	0.02	1.05E-03	0.02	0.18	1.07E-03	7.38E-03	2.72E-03	8.57E-03	3.85E-03	0.12	0.55		0.03	3.59E-06	0.11	1.21E-05
140	Primary School O	677222.2	4863759.1	Updated Facility Contaminant Emission Rate (g/s)	2.30E-03	5.46E-03	3.80E-05	6.98E-03	2.16E-03	0.02	1.78E-03	0.02	0.18	1.23E-03	7.40E-03	4.63E-03	9.43E-								



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavale nt)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Pa rticulate	Nickel	Phosphor us	Silver	Selenium	Thallium	Tin	Vanadiu m	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,	Chlorinated Monocyclic Aromatics	1,2- Dichlorob enzene	1,2,4,5- Tetrachlo robenzene	1,2,4 - Trichloro benzene	2,3,4,6- Tetrachlo rophenol
					2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02					
					1.47E-03			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		0.03		0.11	
160	Primary School II	672616.7	4862114.9		1.70E-03	1.50E-03	1.04E-05	6.79E-03	1.66E-03	0.01	4.88E-04	0.01	0.18	9.42E-04	7.36E-03	1.27E-03	7.92E-03	3.81E-03	0.11	0.53		0.03	1.68E-06	0.11	5.66E-06
161	Primary School JJ	673567.2	4861899.5		1.84E-03	2.39E-03	1.67E-05	6.83E-03	1.77E-03	0.01	7.81E-04	0.02	0.18	1.01E-03	7.37E-03	2.03E-03	8.26E-03	3.83E-03	0.11	0.54		0.03	2.68E-06	0.11	9.05E-06
162	Primary School KK	671791.0	4861954.2		1.67E-03	1.33E-03	9.28E-06	6.78E-03	1.64E-03	0.01	4.35E-04	0.01	0.18	9.30E-04	7.36E-03	1.13E-03	7.86E-03	3.81E-03	0.11	0.53		0.03	1.49E-06	0.11	5.04E-06
163	Primary School LL	673762.3	4864210.6		1.75E-03	1.84E-03	1.28E-05	6.81E-03	1.70E-03	0.01	5.99E-04	0.01	0.18	9.66E-04	7.36E-03	1.56E-03	8.05E-03	3.82E-03	0.11	0.53		0.03	2.06E-06	0.11	6.94E-06
164	Primary School MM	672238.8	4864621.3		1.72E-03	1.63E-03	1.13E-05	6.80E-03	1.68E-03	0.01	5.30E-04	0.01	0.18	9.51E-04	7.36E-03	1.38E-03	7.97E-03	3.81E-03	0.11	0.53		0.03	1.82E-06	0.11	6.15E-06
165	Primary School NN	673213.6	4858677.0		1.68E-03	1.36E-03	9.44E-06	6.78E-03	1.64E-03	0.01	4.43E-04	0.01	0.18	9.31E-04	7.36E-03	1.15E-03	7.86E-03	3.81E-03	0.11	0.53		0.03	1.52E-06	0.11	5.13E-06
166	Primary School OO	675474.8	4863221.7		2.17E-03	4.59E-03	3.19E-05	6.94E-03	2.05E-03	0.02	1.50E-03	0.02	0.18	1.17E-03	7.39E-03	3.89E-03	9.10E-03	3.89E-03	0.12	0.56		0.03	5.14E-06	0.11	1.73E-05
167	Primary School PP	672441.8	4858748.6		1.74E-03	1.76E-03	1.22E-05	6.80E-03	1.69E-03	0.01	5.74E-04	0.01	0.18	9.61E-04	7.36E-03	1.49E-03	8.02E-03	3.82E-03	0.11	0.53		0.03	1.97E-06	0.11	6.65E-06
168	Primary School QQ	672796.8	4864438.2		1.75E-03	1.81E-03	1.26E-05	6.80E-03	1.70E-03	0.01	5.92E-04	0.01	0.18	9.65E-04	7.36E-03	1.54E-03	8.04E-03	3.82E-03	0.11	0.53		0.03	2.03E-06	0.11	6.86E-06
169	Primary School RR	671351.4	4863284.0		1.65E-03	1.16E-03	8.10E-06	6.77E-03	1.62E-03	0.01	3.80E-04	0.01	0.18	9.17E-04	7.36E-03	9.87E-04	7.79E-03	3.80E-03	0.11	0.53		0.03	1.30E-06	0.11	4.40E-06
170	Primary School SS	673213.9	4862125.5		1.77E-03	2.00E-03	1.39E-05	6.81E-03	1.72E-03	0.01	6.51E-04	0.01	0.18	9.78E-04	7.37E-03	1.69E-03	8.11E-03	3.82E-03	0.11	0.54		0.03	2.24E-06	0.11	7.54E-06
171	Primary School TT	671017.9	4860953.7		1.60E-03	8.62E-04	6.00E-06	6.76E-03	1.58E-03	0.01	2.81E-04	0.01	0.18	8.95E-04	7.35E-03	7.31E-04	7.68E-03	3.79E-03	0.11	0.52		0.03	9.65E-07	0.11	3.26E-06
172	Primary School UU	670991.0	4861089.8		1.62E-03	9.80E-04	6.82E-06	6.76E-03	1.59E-03	0.01	3.20E-04	0.01	0.18	9.04E-04	7.36E-03	8.31E-04	7.72E-03	3.80E-03	0.11	0.53		0.03	1.10E-06	0.11	3.70E-06
173	Primary School VV	674150.1	4862294.8		1.81E-03	2.20E-03	1.53E-05	6.82E-03	1.75E-03	0.01	7.17E-04	0.02	0.18	9.93E-04	7.37E-03	1.86E-03	8.19E-03	3.83E-03	0.11	0.54		0.03	2.46E-06	0.11	8.30E-06
174	Primary School WW	672005.2	4861707.9		1.67E-03	1.30E-03	9.05E-06	6.78E-03	1.63E-03	0.01	4.24E-04	0.01	0.18	9.27E-04	7.36E-03	1.10E-03	7.84E-03	3.81E-03	0.11	0.53		0.03	1.46E-06	0.11	4.92E-06
175	Primary School XX	684172.1	4863615.6		1.91E-03	2.89E-03	2.01E-05	6.86E-03	1.83E-03	0.02	9.42E-04	0.02	0.18	1.04E-03	7.38E-03	2.45E-03	8.45E-03	3.85E-03	0.12	0.54		0.03	3.24E-06	0.11	1.09E-05
176	Primary School YY	683923.3	4866636.4		1.71E-03	1.57E-03	1.09E-05	6.79E-03	1.67E-03	0.01	5.12E-04	0.01	0.18	9.47E-04	7.36E-03	1.33E-03	7.95E-03	3.81E-03	0.11	0.53		0.03	1.76E-06	0.11	5.93E-06
177	Primary School ZZ	680446.0	4865770.5		1.84E-03	2.43E-03	1.69E-05	6.83E-03	1.78E-03	0.01	7.91E-04	0.02	0.18	1.01E-03	7.37E-03	2.06E-03	8.27E-03	3.83E-03	0.11	0.54		0.03	2.72E-06	0.11	9.17E-06
178	Vacant School	685612.9	4864520.0		1.77E-03	1.95E-03	1.36E-05	6.81E-03	1.72E-03	0.01	6.36E-04	0.01	0.18	9.75E-04	7.37E-03	1.65E-03	8.09E-03	3.82E-03	0.11	0.53		0.03	2.18E-06	0.11	7.37E-06
179	Secondary School A	686291.4	4865064.3		1.71E-03	1.55E-03	1.08E-05	6.79E-03	1.67E-03	0.01	5.04E-04	0.01	0.18	9.45E-04	7.36E-03	1.31E-03	7.94E-03	3.81E-03	0.11	0.53		0.03	1.73E-06	0.11	5.84E-06
180	Secondary School B	683875.0	4864741.7		1.91E-03	2.88E-03	2.00E-05	6.86E-03	1.83E-03	0.02	9.38E-04	0.02	0.18	1.04E-03	7.38E-03	2.44E-03	8.45E-03	3.85E-03	0.12	0.54		0.03	3.22E-06	0.11	1.09E-05
181	Secondary School C	684650.3	4866460.3		1.77E-03	1.97E-03	1.37E-05	6.81E-03	1.72E-03	0.01	6.41E-04	0.01	0.18	9.76E-04	7.37E-03	1.67E-03	8.10E-03	3.82E-03	0.11	0.53		0.03	2.20E-06	0.11	7.43E-06
182	Secondary School D	678099.5	4864838.2		1.80E-03	2.16E-03	1.50E-05	6.82E-03	1.74E-03	0.01	7.04E-04	0.02	0.18	9.90E-04	7.37E-03	1.83E-03	8.17E-03	3.83E-03	0.11	0.54		0.03	2.42E-06	0.11	8.16E-06
183	Secondary School E	678467.0	4863431.2		2.68E-03	7.92E-03	5.51E-05	7.10E-03	2.47E-03	0.02	2.58E-03	0.03	0.18	1.41E-03	7.43E-03	6.71E-03	0.01	3.97E-03	0.14	0.59		0.03	8.86E-06	0.11	2.99E-05
184	Secondary School F	674144.9	4862762.7		1.90E-03	2.83E-03	1.97E-05	6.85E-03	1.83E-03	0.02	9.22E-04	0.02	0.18	1.04E-03	7.38E-03	2.40E-03	8.43E-03	3.84E-03	0.12	0.54		0.03	3.17E-06	0.11	1.07E-05
185	Secondary School G	673816.0	4864357.1		1.69E-03	1.44E-03	9.99E-06	6.79E-03	1.65E-03	0.01	4.68E-04	0.01	0.18	9.37E-04	7.36E-03	1.22E-03	7.90E-03	3.81E-03	0.11	0.53		0.03	1.61E-06	0.11	5.43E-06
186	Secondary School H	673145.4	4858569.0		1.70E-03	1.49E-03	1.04E-05	6.79E-03	1.66E-03	0.01	4.86E-04	0.01	0.18	9.41E-04	7.36E-03	1.26E-03	7.92E-03	3.81E-03	0.11	0.53		0.03	1.67E-06	0.11	5.64E-06
187	Secondary School I	671291.7	4863581.3		1.69E-03	1.46E-03	1.02E-05	6.79E-03	1.66E-03	0.01	4.77E-04	0.01	0.18	9.39E-04	7.36E-03	1.24E-03	7.91E-03	3.81E-03	0.11	0.53		0.03	1.64E-06	0.11	5.53E-06
188	Secondary School J	671443.2	4861664.9		1.66E-03	1.22E-03	8.47E-06	6.78E-03	1.62E-03	0.01	3.97E-04	0.01	0.18	9.21E-04	7.36E-03	1.03E-03	7.81E-03	3.80E-03	0.11	0.53		0.03	1.36E-06	0.11	4.60E-06
189	Secondary School K	673235.3	4860885.0		1.71E-03	1.59E-03	1.10E-05	6.79E-03	1.67E-03	0.01	5.18E-04	0.01	0.18	9.48E-04	7.36E-03	1.35E-03	7.95E-03	3.81E-03	0.11	0.53		0.03	1.78E-06	0.11	6.00E-06
190	Secondary School L	684252.7	4866500.5		1.78E-03	2.03E-03	1.41E-05	6.81E-03	1.73E-03	0.01	6.62E-04	0.01	0.18	9.80E-04	7.37E-03	1.72E-03	8.12E-03	3.82E-03	0.11	0.54		0.03	2.27E-06	0.11	7.67E-06
191	Secondary School M	673914.1	4859551.7		1.77E-03	1.95E-03	1.36E-05	6.81E-03	1.72E-03	0.01	6.37E-04	0.01	0.18	9.75E-04	7.37E-03	1.66E-03	8.09E-03	3.82E-03	0.11	0.53		0.03	2.19E-06	0.11	7.39E-06
192	Secondary School N	675051.5	4864177.2		1.76E-03	1.89E-03	1.32E-05	6.81E-03	1.71E-03	0.01	6.17E-04	0.01	0.18	9.70E-04	7.37E-03	1.60E-03	8.07E-03	3.82E-03	0.11	0.53		0.03	2.12E-06	0.11	7.15E-06
193	Adult School	685276.1	4866019.8		1.86E-03	2.56E-03	1.78E-05	6.84E-03	1.79E-03	0.01	8.34E-04	0.02	0.18	1.02E-03	7.37E-03	2.17E-03	8.32E-03	3.84E-03	0.11	0.54		0.03	2.86E-06	0.11	9.66E-06
194	Bow. Valley Cons. 1	685356.6	4864521.2		1.77E-03	1.96E-03	1.36E-05	6.81E-03	1.72E-03	0.01	6.38E-04	0.01	0.18	9.75E-04	7.37E-03	1.66E-03	8.09E-03	3.82E-03	0.11	0.53		0.03	2.19E-06	0.11	7.40E-06
195	Bow. Valley Cons. 2	685627.7	4864167.8		1.78E-03	2.03E-03	1.41E-05	6.81E-03	1.73E-03	0.01	6														

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol
		(m)	(m)		2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02					
					1.47E-03			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		0.03		0.11	
213	Port Darlington 5	686406.8	4861448.7		1.81E-03	2.20E-03	1.53E-05	6.82E-03	1.75E-03	0.01	7.16E-04	0.02	0.18	9.93E-04	7.37E-03	1.86E-03	8.19E-03	3.83E-03	0.11	0.54		0.03	2.46E-06	0.11	8.30E-06
214	Port Darlington 6	686504.5	4861604.0		1.82E-03	2.30E-03	1.60E-05	6.83E-03	1.76E-03	0.01	7.51E-04	0.02	0.18	1.00E-03	7.37E-03	1.95E-03	8.23E-03	3.83E-03	0.11	0.54		0.03	2.58E-06	0.11	8.70E-06
215	Port Darlington 7	686703.0	4861789.3		1.86E-03	2.58E-03	1.80E-05	6.84E-03	1.80E-03	0.01	8.43E-04	0.02	0.18	1.02E-03	7.37E-03	2.19E-03	8.33E-03	3.84E-03	0.11	0.54		0.03	2.89E-06	0.11	9.77E-06
216	Port Darlington 8	686895.8	4861960.2		1.77E-03	1.98E-03	1.38E-05	6.81E-03	1.72E-03	0.01	6.47E-04	0.01	0.18	9.77E-04	7.37E-03	1.68E-03	8.10E-03	3.82E-03	0.11	0.54		0.03	2.22E-06	0.11	7.50E-06
217	Port Darlington 9	686867.4	4862119.7		1.73E-03	1.67E-03	1.16E-05	6.80E-03	1.68E-03	0.01	5.45E-04	0.01	0.18	9.54E-04	7.36E-03	1.42E-03	7.99E-03	3.81E-03	0.11	0.53		0.03	1.87E-06	0.11	6.32E-06
218	Port Darlington 10	687190.7	4862048.8		1.75E-03	1.84E-03	1.28E-05	6.81E-03	1.70E-03	0.01	6.01E-04	0.01	0.18	9.67E-04	7.36E-03	1.56E-03	8.05E-03	3.82E-03	0.11	0.53		0.03	2.06E-06	0.11	6.96E-06
219	Port Darlington 11	687524.4	4862126.8		1.77E-03	2.00E-03	1.39E-05	6.81E-03	1.72E-03	0.01	6.51E-04	0.01	0.18	9.78E-04	7.37E-03	1.69E-03	8.11E-03	3.82E-03	0.11	0.54		0.03	2.24E-06	0.11	7.55E-06
220	Campground 1	678646.3	4860337.7		2.39E-03	6.03E-03	4.20E-05	7.01E-03	2.23E-03	0.02	1.97E-04	0.02	0.18	1.27E-03	7.41E-03	5.12E-03	9.65E-03	3.93E-03	0.13	0.58		0.03	6.76E-06	0.11	2.28E-05
221	Campground 2	678410.2	4860148.6		2.29E-03	5.37E-03	3.73E-05	6.98E-03	2.15E-03	0.02	1.75E-03	0.02	0.18	1.22E-03	7.40E-03	4.55E-03	9.40E-03	3.91E-03	0.13	0.57		0.03	6.01E-06	0.11	2.03E-05
222	Campground 3	678651.0	4860054.4		2.48E-03	6.61E-03	4.60E-05	7.04E-03	2.30E-03	0.02	2.15E-03	0.02	0.18	1.31E-03	7.41E-03	5.60E-03	9.87E-03	3.94E-03	0.13	0.58		0.03	7.40E-06	0.11	2.50E-05
223	Campground 4	678725.9	4859860.7		2.42E-03	6.25E-03	4.34E-05	7.02E-03	2.26E-03	0.02	2.04E-03	0.02	0.18	1.29E-03	7.41E-03	5.29E-03	9.73E-03	3.93E-03	0.13	0.58		0.03	6.99E-06	0.11	2.36E-05
224	Campground 5	678511.1	4859808.6		2.38E-03	5.97E-03	4.15E-05	7.01E-03	2.22E-03	0.02	1.95E-03	0.02	0.18	1.27E-03	7.41E-03	5.06E-03	9.63E-03	3.92E-03	0.13	0.57		0.03	6.68E-06	0.11	2.26E-05
225	Campground 6	678869.5	4859696.0		2.43E-03	6.30E-03	4.38E-05	7.02E-03	2.26E-03	0.02	2.06E-03	0.02	0.18	1.29E-03	7.41E-03	5.34E-03	9.76E-03	3.93E-03	0.13	0.58		0.03	7.06E-06	0.11	2.38E-05
226	Campground 7	678723.9	4860201.8		2.39E-03	6.06E-03	4.22E-05	7.01E-03	2.23E-03	0.02	1.98E-03	0.02	0.18	1.27E-03	7.41E-03	5.14E-03	9.66E-03	3.93E-03	0.13	0.58		0.03	6.79E-06	0.11	2.29E-05
227	Campground 8	678796.0	4860011.4		2.54E-03	7.02E-03	4.88E-05	7.06E-03	2.35E-03	0.02	2.29E-03	0.02	0.18	1.34E-03	7.42E-03	5.95E-03	0.01	3.95E-03	0.13	0.59		0.03	7.86E-06	0.11	2.65E-05
228	Campground 9	678852.7	4859854.2		2.50E-03	6.78E-03	4.72E-05	7.05E-03	2.33E-03	0.02	2.21E-03	0.02	0.18	1.33E-03	7.42E-03	5.75E-03	9.94E-03	3.94E-03	0.13	0.58		0.03	7.59E-06	0.11	2.56E-05
229	Solina 1	681099.6	4861677.2		2.65E-03	7.72E-03	5.37E-05	7.09E-03	2.44E-03	0.02	2.52E-03	0.03	0.18	1.39E-03	7.43E-03	6.54E-03	0.01	3.97E-03	0.14	0.59		0.03	8.64E-06	0.11	2.92E-05
230	Solina 2	681115.7	4861857.7		2.85E-03	9.09E-03	6.33E-05	7.16E-03	2.62E-03	0.02	2.97E-03	0.03	0.18	1.50E-03	7.44E-03	7.71E-03	0.01	4.00E-03	0.14	0.61		0.03	1.02E-05	0.11	3.44E-05
231	Solina 3	680987.4	4861983.5		2.37E-03	5.88E-03	4.09E-05	7.00E-03	2.21E-03	0.02	1.92E-03	0.02	0.18	1.26E-03	7.41E-03	4.98E-03	9.59E-03	3.92E-03	0.13	0.57		0.03	6.58E-06	0.11	2.22E-05
232	Solina 4	680965.0	4862068.1		2.36E-03	5.84E-03	4.06E-05	7.00E-03	2.21E-03	0.02	1.90E-03	0.02	0.18	1.26E-03	7.41E-03	4.95E-03	9.58E-03	3.92E-03	0.13	0.57		0.03	6.54E-06	0.11	2.21E-05
233	Solina 5	681021.5	4862086.7		2.29E-03	5.37E-03	3.73E-05	6.98E-03	2.15E-03	0.02	1.75E-03	0.02	0.18	1.22E-03	7.40E-03	4.55E-03	9.40E-03	3.91E-03	0.13	0.57		0.03	6.01E-06	0.11	2.03E-05
234	Solina 6	680939.8	4862124.3		2.37E-03	5.91E-03	4.11E-05	7.00E-03	2.22E-03	0.02	1.93E-03	0.02	0.18	1.26E-03	7.41E-03	5.01E-03	9.61E-03	3.92E-03	0.13	0.57		0.03	6.62E-06	0.11	2.23E-05
235	Solina 7	680988.2	4862183.6		2.29E-03	5.40E-03	3.76E-05	6.98E-03	2.15E-03	0.02	1.76E-03	0.02	0.18	1.23E-03	7.40E-03	4.58E-03	9.41E-03	3.91E-03	0.13	0.57		0.03	6.05E-06	0.11	2.04E-05
236	Solina 8	680984.6	4862209.8		2.29E-03	5.39E-03	3.75E-05	6.98E-03	2.15E-03	0.02	1.76E-03	0.02	0.18	1.23E-03	7.40E-03	4.57E-03	9.41E-03	3.91E-03	0.13	0.57		0.03	6.03E-06	0.11	2.04E-05
237	Solina 9	680958.6	4862294.9		2.27E-03	5.26E-03	3.66E-05	6.97E-03	2.13E-03	0.02	1.72E-03	0.02	0.18	1.22E-03	7.40E-03	4.46E-03	9.36E-03	3.91E-03	0.13	0.57		0.03	5.89E-06	0.11	1.99E-05
238	Solina 10	680858.0	4862324.3		2.31E-03	5.51E-03	3.83E-05	6.99E-03	2.17E-03	0.02	1.80E-03	0.02	0.18	1.23E-03	7.40E-03	4.67E-03	9.45E-03	3.91E-03	0.13	0.57		0.03	6.17E-06	0.11	2.08E-05
239	Solina 11	680990.3	4862403.5		2.30E-03	5.44E-03	3.78E-05	6.98E-03	2.16E-03	0.02	1.77E-03	0.02	0.18	1.23E-03	7.40E-03	4.61E-03	9.43E-03	3.91E-03	0.13	0.57		0.03	6.09E-06	0.11	2.06E-05
240	Recreational 1	681545.0	4860865.0		2.65E-03	7.78E-03	5.41E-05	7.10E-03	2.45E-03	0.02	2.54E-03	0.03	0.18	1.40E-03	7.43E-03	6.60E-03	0.01	3.97E-03	0.14	0.59		0.03	8.71E-06	0.11	2.94E-05
241	Recreational 2	681563.7	4860687.4		3.53E-03	0.01	9.41E-05	7.38E-03	3.17E-03	0.03	4.41E-03	0.04	0.19	1.82E-03	7.49E-03	0.01	0.01	4.11E-03	0.16	0.65		0.03	1.51E-05	0.11	5.11E-05
242	Recreational 3	681579.7	4860610.0		3.82E-03	0.02	1.07E-04	7.47E-03	3.41E-03	0.03	5.03E-03	0.04	0.19	1.96E-03	7.51E-03	0.01	0.01	4.16E-03	0.17	0.67		0.03	1.73E-05	0.11	5.83E-05
243	Recreational 6	681876.6	4860254.4		2.97E-03	9.85E-03	6.85E-05	7.20E-03	2.71E-03	0.02	3.21E-03	0.03	0.18	1.55E-03	7.45E-03	8.35E-03	0.01	4.02E-03	0.15	0.61		0.03	1.10E-05	0.11	3.72E-05
244	Recreational 7	682166.9	4860324.4		2.62E-03	7.52E-03	5.23E-05	7.08E-03	2.42E-03	0.02	2.45E-03	0.03	0.18	1.38E-03	7.42E-03	6.38E-03	0.01	3.96E-03	0.14	0.59		0.03	8.42E-06	0.11	2.84E-05
245	Darlington 1	679565.4	4861052.9		3.23E-03	0.01	8.05E-05	7.28E-03	2.93E-03	0.02	3.77E-03	0.03	0.19	1.68E-03	7.47E-03	9.81E-03	0.01	4.07E-03	0.15	0.63		0.03	1.30E-05	0.11	4.37E-05
246	Darlington 2	679452.9	4861051.4		2.87E-03	9.18E-03	6.39E-05	7.16E-03	2.63E-03	0.02	2.99E-03	0.03	0.18	1.50E-03	7.44E-03	7.79E-03	0.01	4.00E-03	0.14	0.61		0.03	1.03E-05	0.11	3.47E-05
247	Darlington 3	679130.5	4860948.8		2.88E-03	9.27E-03	6.45E-05	7.17E-03	2.64E-03	0.02	3.02E-03	0.03	0.18	1.51E-03	7.44E-03	7.86E-03	0.01	4.01E-03	0.14	0.61		0.03	1.04E-05	0.11	3.50E-05
248	Darlington 4	679112.6	4860941.9		3.02E-03	0.01	7.09E-05	7.21E-03	2.75E-03	0.02	3.32E-03	0.03	0.19	1.58E-03	7.45E-03	8.64E-03	0.01	4.03E-03	0.15	0					

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavale nt)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Pa rticulate	Nickel	Phosphor us	Silver	Selenium	Thallium	Tin	Vanadiu m	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,	Chlorinated Monocyclic Aromatics	1,2-	1,2,4,5-	1,2,4 -	2,3,4,6-
																						Dichlorob enzene	Tetrachlo robenzene	Trichloro benzene	Tetrachlo rophenol
				Updated Facility Contaminant Emission Rate (g/s)	2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02		8.45E-05	2.13E-06	2.13E-06	7.18E-06
				Background Concentration (ug/m3)	1.47E-03			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		0.03		0.11	
266	Future Industrial 8	680398.0	4860731.8		3.60E-03	0.01	9.74E-05	7.40E-03	3.23E-03	0.03	4.56E-03	0.04	0.19	1.85E-03	7.49E-03	0.01	0.01	4.13E-03	0.16	0.66		0.03	1.57E-05	0.11	5.29E-05
267	Future Industrial 1	680359.6	4859959.2		3.43E-03	0.01	8.96E-05	7.35E-03	3.09E-03	0.03	4.20E-03	0.04	0.19	1.77E-03	7.48E-03	0.01	0.01	4.10E-03	0.16	0.64		0.03	1.44E-05	0.11	4.87E-05
268	Future Industrial 2	680083.7	4859985.7		2.99E-03	9.95E-03	6.92E-05	7.20E-03	2.72E-03	0.02	3.25E-03	0.03	0.19	1.56E-03	7.45E-03	8.44E-03	0.01	4.02E-03	0.15	0.61		0.03	1.11E-05	0.11	3.76E-05
269	Future Industrial 3	680819.9	4860705.3		3.71E-03	0.01	1.02E-04	7.44E-03	3.33E-03	0.03	4.80E-03	0.04	0.19	1.91E-03	7.50E-03	0.01	0.01	4.15E-03	0.17	0.66		0.03	1.65E-05	0.11	5.57E-05
270	Future Industrial 4	681070.0	4859937.2		3.17E-03	0.01	7.78E-05	7.26E-03	2.88E-03	0.02	3.64E-03	0.03	0.19	1.65E-03	7.46E-03	9.48E-03	0.01	4.06E-03	0.15	0.63		0.03	1.25E-05	0.11	4.22E-05
271	Future Industrial 5	679898.8	4860067.4		3.19E-03	0.01	7.85E-05	7.27E-03	2.89E-03	0.02	3.68E-03	0.03	0.19	1.65E-03	7.46E-03	9.57E-03	0.01	4.06E-03	0.15	0.63		0.03	1.26E-05	0.11	4.26E-05
272	Future Industrial 6	680134.8	4860694.1		3.89E-03	0.02	1.10E-04	7.49E-03	3.47E-03	0.03	5.18E-03	0.04	0.19	1.99E-03	7.51E-03	0.01	0.01	4.17E-03	0.17	0.67		0.03	1.78E-05	0.11	6.00E-05
273	Future Industrial 11	680253.7	4860255.2		5.38E-03	0.03	1.79E-04	7.97E-03	4.71E-03	0.04	8.38E-03	0.06	0.20	2.70E-03	7.61E-03	0.02	0.02	4.42E-03	0.21	0.77		0.03	2.88E-05	0.11	9.71E-05
274	Future Industrial 12	679901.2	4860511.8		3.37E-03	0.01	8.67E-05	7.33E-03	3.04E-03	0.03	4.06E-03	0.03	0.19	1.74E-03	7.48E-03	0.01	0.01	4.09E-03	0.16	0.64		0.03	1.39E-05	0.11	4.71E-05
275	Commercial Farmer	679867.8	4860445.4		3.60E-03	0.01	9.71E-05	7.40E-03	3.23E-03	0.03	4.55E-03	0.04	0.19	1.85E-03	7.49E-03	0.01	0.01	4.13E-03	0.16	0.65		0.03	1.56E-05	0.11	5.28E-05
276	Farmer	679277.0	4859981.5		2.79E-03	8.66E-03	6.02E-05	7.14E-03	2.56E-03	0.02	2.82E-03	0.03	0.18	1.46E-03	7.44E-03	7.34E-03	0.01	3.99E-03	0.14	0.60		0.03	9.69E-06	0.11	3.27E-05
277	Residence	679387.2	4860648.9		2.48E-03	6.61E-03	4.60E-05	7.04E-03	2.30E-03	0.02	2.16E-03	0.02	0.18	1.31E-03	7.41E-03	5.60E-03	9.87E-03	3.94E-03	0.13	0.58		0.03	7.40E-06	0.11	2.50E-05
278	Barn	679261.9	4860574.2		2.43E-03	6.33E-03	4.40E-05	7.03E-03	2.27E-03	0.02	2.06E-03	0.02	0.18	1.29E-03	7.41E-03	5.36E-03	9.77E-03	3.93E-03	0.13	0.58		0.03	7.08E-06	0.11	2.39E-05
279	Residence	680150.7	4861295.7		2.93E-03	9.58E-03	6.67E-05	7.18E-03	2.68E-03	0.02	3.13E-03	0.03	0.18	1.53E-03	7.45E-03	8.13E-03	0.01	4.01E-03	0.14	0.61		0.03	1.07E-05	0.11	3.62E-05
280	Residence	679939.8	4861213.4		2.88E-03	9.23E-03	6.42E-05	7.17E-03	2.63E-03	0.02	3.01E-03	0.03	0.18	1.51E-03	7.44E-03	7.83E-03	0.01	4.01E-03	0.14	0.61		0.03	1.03E-05	0.11	3.49E-05
281	Farmer	680855.7	4861456.9		3.05E-03	0.01	7.23E-05	7.22E-03	2.78E-03	0.02	3.39E-03	0.03	0.19	1.59E-03	7.45E-03	8.81E-03	0.01	4.04E-03	0.15	0.62		0.03	1.16E-05	0.11	3.92E-05
282	Farmer	681386.2	4861673.3		2.68E-03	7.95E-03	5.53E-05	7.10E-03	2.47E-03	0.02	2.59E-03	0.03	0.18	1.41E-03	7.43E-03	6.74E-03	0.01	3.97E-03	0.14	0.59		0.03	8.90E-06	0.11	3.00E-05
283	Residence	680683.5	4861597.9		2.78E-03	8.57E-03	5.96E-05	7.14E-03	2.55E-03	0.02	2.80E-03	0.03	0.18	1.46E-03	7.44E-03	7.27E-03	0.01	3.99E-03	0.14	0.60		0.03	9.60E-06	0.11	3.24E-05
284	Business	680064.3	4861343.7		2.95E-03	9.75E-03	6.78E-05	7.19E-03	2.70E-03	0.02	3.18E-03	0.03	0.18	1.54E-03	7.45E-03	8.26E-03	0.01	4.02E-03	0.15	0.61		0.03	1.09E-05	0.11	3.68E-05
285	Farmer	679680.1	4861213.5		2.95E-03	9.75E-03	6.78E-05	7.19E-03	2.70E-03	0.02	3.18E-03	0.03	0.18	1.54E-03	7.45E-03	8.26E-03	0.01	4.02E-03	0.15	0.61		0.03	1.09E-05	0.11	3.68E-05
286	Farmer	681344.8	4861792.9		2.32E-03	5.59E-03	3.89E-05	6.99E-03	2.17E-03	0.02	1.82E-03	0.02	0.18	1.24E-03	7.40E-03	4.74E-03	9.48E-03	3.91E-03	0.13	0.57		0.03	6.26E-06	0.11	2.11E-05
287	Youth Centre	685644.2	4864814.8		1.72E-03	1.63E-03	1.13E-05	6.80E-03	1.68E-03	0.01	5.31E-04	0.01	0.18	9.51E-04	7.36E-03	1.38E-03	7.97E-03	3.81E-03	0.11	0.53		0.03	1.82E-06	0.11	6.15E-06
288	Bowmanville Arena	685462.9	4864615.2		1.74E-03	1.77E-03	1.23E-05	6.80E-03	1.69E-03	0.01	5.77E-04	0.01	0.18	9.61E-04	7.36E-03	1.50E-03	8.02E-03	3.82E-03	0.11	0.53		0.03	1.98E-06	0.11	6.69E-06
289	Bowmanville Rec Complex	684160.3	4864604.5		1.83E-03	2.39E-03	1.66E-05	6.83E-03	1.77E-03	0.01	7.80E-04	0.02	0.18	1.01E-03	7.37E-03	2.03E-03	8.26E-03	3.83E-03	0.11	0.54		0.03	2.68E-06	0.11	9.04E-06
290	Recreation Complex	684586.6	4862406.3		1.88E-03	2.70E-03	1.88E-05	6.85E-03	1.81E-03	0.02	8.81E-04	0.02	0.18	1.03E-03	7.37E-03	2.29E-03	8.38E-03	3.84E-03	0.12	0.54		0.03	3.03E-06	0.11	1.02E-05
291	Superdog Central	681487.7	4865723.3		1.84E-03	2.43E-03	1.69E-05	6.83E-03	1.78E-03	0.01	7.91E-04	0.02	0.18	1.01E-03	7.37E-03	2.06E-03	8.27E-03	3.83E-03	0.11	0.54		0.03	2.72E-06	0.11	9.17E-06
292	Equestrian Centre	681567.1	4863670.7		2.46E-03	6.49E-03	4.52E-05	7.03E-03	2.29E-03	0.02	2.12E-03	0.02	0.18	1.31E-03	7.41E-03	5.50E-03	9.83E-03	3.94E-03	0.13	0.58		0.03	7.27E-06	0.11	2.45E-05
293	Flea Market	678574.6	4862819.4		2.13E-03	4.35E-03	3.02E-05	6.93E-03	2.02E-03	0.02	1.42E-03	0.02	0.18	1.15E-03	7.39E-03	3.69E-03	9.01E-03	3.88E-03	0.12	0.56		0.03	4.87E-06	0.11	1.64E-05
294	Equestrian Centre	680030.8	4867320.2		1.68E-03	1.41E-03	9.78E-06	6.78E-03	1.65E-03	0.01	4.59E-04	0.01	0.18	9.35E-04	7.36E-03	1.19E-03	7.88E-03	3.81E-03	0.11	0.53		0.03	1.57E-06	0.11	5.31E-06
295	Courtice Community Complex	678099.3	4864629.8		1.81E-03	2.26E-03	1.57E-05	6.83E-03	1.75E-03	0.01	7.35E-04	0.02	0.18	9.97E-04	7.37E-03	1.91E-03	8.21E-03	3.83E-03	0.11	0.54		0.03	2.53E-06	0.11	8.52E-06
296	Former Restaurant	679830.2	4860702.2		2.89E-03	9.29E-03	6.47E-05	7.17E-03	2.64E-03	0.02	3.03E-03	0.03	0.18	1.51E-03	7.44E-03	7.88E-03	0.01	4.01E-03	0.14	0.61		0.03	1.04E-05	0.11	3.51E-05
297	Commercial	679364.8	4861016.0		2.81E-03	8.83E-03	6.14E-05	7.15E-03	2.58E-03	0.02	2.88E-03	0.03	0.18	1.48E-03	7.44E-03	7.48E-03	0.01	4.00E-03	0.14	0.60		0.03	9.88E-06	0.11	3.34E-05
298	GM Oshawa Headquarters	676418.3	4860463.7		2.04E-03	3.71E-03	2.58E-05	6.90E-03	1.94E-03	0.02	1.21E-03	0.02	0.18	1.10E-03	7.38E-03	3.15E-03	8.77E-03	3.87E-03	0.12	0.55		0.03	4.16E-06	0.11	1.40E-05
299	Farm A?	682972.3	4862201.9		2.20E-03	4.81E-03	3.34E-05	6.95E-03	2.08E-03	0.02	1.57E-03	0.02	0.18	1.18E-03	7.40E-03	4.07E-03	9.18E-03	3.89E-03	0.12	0.56		0.03	5.38E-06	0.11	1.82E-05
300	Farm B?	683546.9	4861959.7		2.00E-03	3.45E-03	2.40E-05	6.88E-03	1.91E-03	0.02	1.12E-03	0.02	0.18	1.08E-03	7.38E-03	2.92E-03	8.66E-03	3.86E-03	0.12	0.55		0.03	3.86E-06	0.11	1.30E-05
301	Farm C?	682547.5	4862321.1		2.13E-03	4.32E-03	3.00E-05	6.93E-03	2.01E-03	0.02	1.41E-03	0.02	0.18	1.15E-03	7.39E-03	3.66E-03	9.00E-03	3.88E-03	0.12	0.56		0.03	4.84E-06	0.11	1.63E-05
302																									

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavale nt)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Pa rticulate	Nickel	Phosphor us	Silver	Selenium	Thallium	Tin	Vanadiu m	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,	Chlorinated Monocyclic Aromatics	1,2- Dichlorob enzene	1,2,4,5- Tetrachlo robenzen e	1,2,4 - Trichloro benzene	2,3,4,6- Tetrachlo rophenol
																						Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	8.45E-05	2.13E-06
					2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02					
					1.47E-03			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		0.03		0.11	
319	Soper 7	685683.2	4867148.1		1.76E-03	1.88E-03	1.30E-05	6.81E-03	1.71E-03	0.01	6.12E-04	0.01	0.18	9.69E-04	7.37E-03	1.59E-03	8.06E-03	3.82E-03	0.11	0.53		0.03	2.10E-06	0.11	7.09E-06
320	Soper 8	686748.7	4865874.7		1.67E-03	1.29E-03	8.98E-06	6.78E-03	1.63E-03	0.01	4.21E-04	0.01	0.18	9.27E-04	7.36E-03	1.09E-03	7.84E-03	3.81E-03	0.11	0.53		0.03	1.45E-06	0.11	4.88E-06
321	Bowmanville 1	687026.3	4862368.4		1.72E-03	1.63E-03	1.13E-05	6.80E-03	1.68E-03	0.01	5.30E-04	0.01	0.18	9.51E-04	7.36E-03	1.38E-03	7.97E-03	3.81E-03	0.11	0.53		0.03	1.82E-06	0.11	6.14E-06
322	Bowmanville 2	686625.7	4863020.3		1.84E-03	2.42E-03	1.68E-05	6.83E-03	1.78E-03	0.01	7.88E-04	0.02	0.18	1.01E-03	7.37E-03	2.05E-03	8.27E-03	3.83E-03	0.11	0.54		0.03	2.71E-06	0.11	9.13E-06
323	Bowmanville 3	683380.3	4865365.9		1.82E-03	2.26E-03	1.57E-05	6.83E-03	1.76E-03	0.01	7.38E-04	0.02	0.18	9.97E-04	7.37E-03	1.92E-03	8.21E-03	3.83E-03	0.11	0.54		0.03	2.53E-06	0.11	8.55E-06
324	Bowmanville 4	683111.4	4867150.3		1.77E-03	1.95E-03	1.36E-05	6.81E-03	1.72E-03	0.01	6.36E-04	0.01	0.18	9.75E-04	7.37E-03	1.65E-03	8.09E-03	3.82E-03	0.11	0.53		0.03	2.18E-06	0.11	7.37E-06
325	Bowmanville 5	682452.2	4869417.5		1.66E-03	1.21E-03	8.44E-06	6.78E-03	1.62E-03	0.01	3.95E-04	0.01	0.18	9.21E-04	7.36E-03	1.03E-03	7.81E-03	3.80E-03	0.11	0.53		0.03	1.36E-06	0.11	4.58E-06
326	Bowmanville 6	684778.5	4864888.2		1.77E-03	1.99E-03	1.39E-05	6.81E-03	1.72E-03	0.01	6.49E-04	0.01	0.18	9.78E-04	7.37E-03	1.69E-03	8.11E-03	3.82E-03	0.11	0.54		0.03	2.23E-06	0.11	7.53E-06
327	Bowmanville 7	684549.5	4866404.4		1.76E-03	1.87E-03	1.30E-05	6.81E-03	1.71E-03	0.01	6.11E-04	0.01	0.18	9.69E-04	7.37E-03	1.59E-03	8.06E-03	3.82E-03	0.11	0.53		0.03	2.10E-06	0.11	7.08E-06
328	Upper Tooley 1	679944.8	4864883.1		1.87E-03	2.61E-03	1.81E-05	6.84E-03	1.80E-03	0.01	8.49E-04	0.02	0.18	1.02E-03	7.37E-03	2.21E-03	8.34E-03	3.84E-03	0.11	0.54		0.03	2.92E-06	0.11	9.84E-06
329	Upper Tooley 2	679055.1	4863885.8		2.50E-03	6.76E-03	4.71E-05	7.05E-03	2.32E-03	0.02	2.21E-03	0.02	0.18	1.33E-03	7.42E-03	5.74E-03	9.93E-03	3.94E-03	0.13	0.58		0.03	7.57E-06	0.11	2.56E-05
330	Upper Tooley 3	679714.0	4862767.4		2.20E-03	4.78E-03	3.33E-05	6.95E-03	2.07E-03	0.02	1.56E-03	0.02	0.18	1.18E-03	7.40E-03	4.06E-03	9.18E-03	3.89E-03	0.12	0.56		0.03	5.36E-06	0.11	1.81E-05
331	Upper Tooley 4	678898.8	4861800.6		2.53E-03	6.94E-03	4.83E-05	7.06E-03	2.35E-03	0.02	2.26E-03	0.02	0.18	1.34E-03	7.42E-03	5.89E-03	9.02E-03	3.95E-03	0.13	0.58		0.03	7.77E-06	0.11	2.62E-05
332	Upper Tooley 5	680353.5	4862156.5		2.67E-03	7.87E-03	5.47E-05	7.10E-03	2.46E-03	0.02	2.56E-03	0.03	0.18	1.41E-03	7.43E-03	6.67E-03	0.01	3.97E-03	0.14	0.59		0.03	8.81E-06	0.11	2.97E-05
333	Upper Tooley 6	679818.1	4861625.7		2.60E-03	7.40E-03	5.15E-05	7.08E-03	2.40E-03	0.02	2.41E-03	0.02	0.18	1.37E-03	7.42E-03	6.28E-03	0.01	3.96E-03	0.14	0.59		0.03	8.29E-06	0.11	2.80E-05
334	Robinson 1	678434.8	4860943.1		2.49E-03	6.73E-03	4.68E-05	7.04E-03	2.32E-03	0.02	2.19E-03	0.02	0.18	1.32E-03	7.42E-03	5.70E-03	9.92E-03	3.94E-03	0.13	0.58		0.03	7.53E-06	0.11	2.54E-05
335	Robinson 2	677752.6	4861240.6		2.37E-03	5.92E-03	4.12E-05	7.01E-03	2.22E-03	0.02	1.93E-03	0.02	0.18	1.26E-03	7.41E-03	5.02E-03	9.61E-03	3.92E-03	0.13	0.57		0.03	6.62E-06	0.11	2.24E-05
336	Robinson 3	677642.2	4861787.2		2.14E-03	4.39E-03	3.05E-05	6.93E-03	2.02E-03	0.02	1.43E-03	0.02	0.18	1.15E-03	7.39E-03	3.72E-03	9.02E-03	3.88E-03	0.12	0.56		0.03	4.91E-06	0.11	1.66E-05
337	Robinson 4	678532.7	4862143.6		2.46E-03	6.47E-03	4.50E-05	7.03E-03	2.29E-03	0.02	2.11E-03	0.02	0.18	1.30E-03	7.41E-03	5.48E-03	9.82E-03	3.94E-03	0.13	0.58		0.03	7.24E-06	0.11	2.44E-05
338	Robinson 5	678005.1	4862784.9		2.03E-03	3.70E-03	2.57E-05	6.90E-03	1.94E-03	0.02	1.21E-03	0.02	0.18	1.10E-03	7.38E-03	3.14E-03	8.76E-03	3.87E-03	0.12	0.55		0.03	4.14E-06	0.11	1.40E-05
339	Robinson 6	677882.7	4860587.7		2.21E-03	4.86E-03	3.38E-05	6.95E-03	2.08E-03	0.02	1.58E-03	0.02	0.18	1.19E-03	7.40E-03	4.12E-03	9.20E-03	3.90E-03	0.12	0.56		0.03	5.44E-06	0.11	1.84E-05
340	F/B 1	677443.1	4867862.1		1.74E-03	1.77E-03	1.23E-05	6.80E-03	1.69E-03	0.01	5.77E-04	0.01	0.18	9.62E-04	7.36E-03	1.50E-03	8.02E-03	3.82E-03	0.11	0.53		0.03	1.98E-06	0.11	6.69E-06
341	F/B 2	679667.4	4866611.4		1.77E-03	1.95E-03	1.36E-05	6.81E-03	1.72E-03	0.01	6.36E-04	0.01	0.18	9.75E-04	7.37E-03	1.65E-03	8.09E-03	3.82E-03	0.11	0.53		0.03	2.18E-06	0.11	7.37E-06
342	F/B 3	678655.0	4867470.1		1.68E-03	1.39E-03	9.69E-06	6.78E-03	1.65E-03	0.01	4.54E-04	0.01	0.18	9.34E-04	7.36E-03	1.18E-03	7.88E-03	3.81E-03	0.11	0.53		0.03	1.56E-06	0.11	5.26E-06
343	F/B 4	676191.2	4866844.7		1.66E-03	1.26E-03	8.76E-06	6.78E-03	1.63E-03	0.01	4.11E-04	0.01	0.18	9.24E-04	7.36E-03	1.07E-03	7.83E-03	3.80E-03	0.11	0.53		0.03	1.41E-06	0.11	4.76E-06
344	F/B 5	678273.3	4866093.0		1.87E-03	2.63E-03	1.83E-05	6.84E-03	1.80E-03	0.01	8.57E-04	0.02	0.18	1.02E-03	7.37E-03	2.23E-03	8.35E-03	3.84E-03	0.11	0.54		0.03	2.94E-06	0.11	9.94E-06
345	F/B 6	681241.2	4867098.8		1.76E-03	1.90E-03	1.32E-05	6.81E-03	1.71E-03	0.01	6.20E-04	0.01	0.18	9.71E-04	7.37E-03	1.61E-03	8.07E-03	3.82E-03	0.11	0.53		0.03	2.13E-06	0.11	7.19E-06
346	F/B 7	682165.3	4868082.3		1.74E-03	1.77E-03	1.23E-05	6.80E-03	1.69E-03	0.01	5.78E-04	0.01	0.18	9.62E-04	7.36E-03	1.50E-03	8.02E-03	3.82E-03	0.11	0.53		0.03	1.99E-06	0.11	6.70E-06
347	F/B 8	679366.6	4868628.3		1.73E-03	1.71E-03	1.19E-05	6.80E-03	1.69E-03	0.01	5.57E-04	0.01	0.18	9.57E-04	7.36E-03	1.45E-03	8.00E-03	3.82E-03	0.11	0.53		0.03	1.91E-06	0.11	6.46E-06
348	F/B 9	680310.1	4869967.1		1.68E-03	1.39E-03	9.69E-06	6.78E-03	1.65E-03	0.01	4.54E-04	0.01	0.18	9.34E-04	7.36E-03	1.18E-03	7.88E-03	3.81E-03	0.11	0.53		0.03	1.56E-06	0.11	5.26E-06
349	F/B 10	676487.3	4869291.6		1.69E-03	1.42E-03	9.89E-06	6.79E-03	1.65E-03	0.01	4.64E-04	0.01	0.18	9.36E-04	7.36E-03	1.21E-03	7.89E-03	3.81E-03	0.11	0.53		0.03	1.59E-06	0.11	5.37E-06
350	F/B 11	676851.4	4865409.3		1.71E-03	1.57E-03	1.09E-05	6.79E-03	1.67E-03	0.01	5.13E-04	0.01	0.18	9.47E-04	7.36E-03	1.33E-03	7.95E-03	3.81E-03	0.11	0.53		0.03	1.76E-06	0.11	5.94E-06
351	F/B 12	681153.3	4868682.2		1.69E-03	1.46E-03	1.02E-05	6.79E-03	1.66E-03	0.01	4.77E-04	0.01	0.18	9.39E-04	7.36E-03	1.24E-03	7.91E-03	3.81E-03	0.11	0.53		0.03	1.64E-06	0.11	5.52E-06
352	F/B 13	675416.3	4859833.9		1.83E-03	2.33E-03	1.62E-05	6.83E-03	1.76E-03	0.01	7.59E-04	0.02	0.18	1.00E-03	7.37E-03	1.97E-03	8.24E-03	3.83E-03	0.11	0.54		0.03	2.61E-06	0.11	8.80E-06
353	Second 1	675153.4	4860552.8		1.97E-03	3.30E-03	2.29E-05	6.88E-03	1.89E-03	0.02	1.08E-03	0.02	0.18	1.07E-03	7.38E-03	2.80E-03	8.61E-03	3.86E-03	0.12	0.55		0.03	3.69E-06	0.11	1.25E-05
354	Second 2	675297.5	4860891.3		1.98E-03	3.34E-03	2.32E-05	6.88E-03	1.89E-03																



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol
																						(g/s)	(ug/m3)	8.45E-05	2.13E-06
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02					
				Background Concentration (ug/m3)	1.47E-03			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		0.03		0.11	
372	Westside 1	686082.6	4862776.6		1.93E-03	3.02E-03	2.10E-05	6.86E-03	1.85E-03	0.02	9.83E-04	0.02	0.18	1.05E-03	7.38E-03	2.56E-03	8.50E-03	3.85E-03	0.12	0.55		0.03	3.38E-06	0.11	1.14E-05
373	Westside 2	685778.7	4862137.9		1.85E-03	2.51E-03	1.75E-05	6.84E-03	1.79E-03	0.01	8.20E-04	0.02	0.18	1.02E-03	7.37E-03	2.13E-03	8.31E-03	3.84E-03	0.11	0.54		0.03	2.81E-06	0.11	9.50E-05
374	Westside 3	685084.2	4862827.4		1.90E-03	2.85E-03	1.98E-05	6.85E-03	1.83E-03	0.02	9.28E-04	0.02	0.18	1.04E-03	7.38E-03	2.41E-03	8.43E-03	3.84E-03	0.12	0.54		0.03	3.19E-06	0.11	1.08E-05
375	Darlington 1	680977.5	4865674.4		1.87E-03	2.61E-03	1.82E-05	6.84E-03	1.80E-03	0.01	8.52E-04	0.02	0.18	1.02E-03	7.37E-03	2.22E-03	8.35E-03	3.84E-03	0.11	0.54		0.03	2.93E-06	0.11	9.87E-06
376	Darlington 2	680913.9	4863967.1		2.04E-03	3.73E-03	2.60E-05	6.90E-03	1.94E-03	0.02	1.22E-03	0.02	0.18	1.10E-03	7.38E-03	3.16E-03	8.77E-03	3.87E-03	0.12	0.55		0.03	4.18E-06	0.11	1.41E-05
377	Darlington 3	682602.8	4863659.6		2.07E-03	3.92E-03	2.73E-05	6.91E-03	1.96E-03	0.02	1.28E-03	0.02	0.18	1.12E-03	7.39E-03	3.32E-03	8.85E-03	3.87E-03	0.12	0.55		0.03	4.39E-06	0.11	1.48E-05
378	Darlington 4	682206.4	4862910.4		2.26E-03	5.16E-03	3.59E-05	6.97E-03	2.12E-03	0.02	1.68E-03	0.02	0.18	1.21E-03	7.40E-03	4.37E-03	9.32E-03	3.90E-03	0.13	0.57		0.03	5.78E-06	0.11	1.95E-05
379	Darlington 5	683223.2	4861114.0		2.00E-03	3.46E-03	2.41E-05	6.88E-03	1.91E-03	0.02	1.13E-03	0.02	0.18	1.08E-03	7.38E-03	2.93E-03	8.67E-03	3.86E-03	0.12	0.55		0.03	3.87E-06	0.11	1.31E-05
380	Darlington 6	683947.7	4862362.0		1.98E-03	3.34E-03	2.32E-05	6.88E-03	1.89E-03	0.02	1.09E-03	0.02	0.18	1.08E-03	7.38E-03	2.83E-03	8.62E-03	3.86E-03	0.12	0.55		0.03	3.74E-06	0.11	1.26E-05
381	Darlington 7	685361.9	4861143.4		1.91E-03	2.91E-03	2.03E-05	6.86E-03	1.84E-03	0.02	9.50E-04	0.02	0.18	1.04E-03	7.38E-03	2.47E-03	8.46E-03	3.85E-03	0.12	0.54		0.03	3.26E-06	0.11	1.10E-05
382	Bennett ECO/HH	688606.4	4862634.8		1.71E-03	1.54E-03	1.07E-05	6.79E-03	1.66E-03	0.01	5.02E-04	0.01	0.18	9.45E-04	7.36E-03	1.31E-03	7.93E-03	3.81E-03	0.11	0.53		0.03	1.72E-06	0.11	5.82E-06
383	Oshawa ECO/HH	673884.9	4859128.9		1.83E-03	2.39E-03	1.66E-05	6.83E-03	1.77E-03	0.01	7.80E-04	0.02	0.18	1.01E-03	7.37E-03	2.03E-03	8.26E-03	3.83E-03	0.11	0.54		0.03	2.68E-06	0.11	9.03E-06
384	Oshawa Creek 1	671671.2	4862793.7		1.69E-03	1.43E-03	9.98E-06	6.79E-03	1.65E-03	0.01	4.68E-04	0.01	0.18	9.37E-04	7.36E-03	1.22E-03	7.89E-03	3.81E-03	0.11	0.53		0.03	1.61E-06	0.11	5.42E-06
385	Oshawa Creek 2	671668.5	4861589.5		1.66E-03	1.23E-03	8.59E-06	6.78E-03	1.63E-03	0.01	4.03E-04	0.01	0.18	9.22E-04	7.36E-03	1.05E-03	7.82E-03	3.80E-03	0.11	0.53		0.03	1.38E-06	0.11	4.67E-06
386	Oshawa Creek 3	672820.2	4861287.2		1.67E-03	1.28E-03	8.94E-06	6.78E-03	1.63E-03	0.01	4.19E-04	0.01	0.18	9.26E-04	7.36E-03	1.09E-03	7.84E-03	3.81E-03	0.11	0.53		0.03	1.44E-06	0.11	4.86E-06
387	Oshawa Creek 4	672360.3	4860262.6		1.69E-03	1.43E-03	9.93E-06	6.79E-03	1.65E-03	0.01	4.66E-04	0.01	0.18	9.37E-04	7.36E-03	1.21E-03	7.89E-03	3.81E-03	0.11	0.53		0.03	1.60E-06	0.11	5.40E-06
388	Oshawa Creek 5	673921.2	4860115.0		1.75E-03	1.84E-03	1.28E-05	6.81E-03	1.70E-03	0.01	5.98E-04	0.01	0.18	9.66E-04	7.36E-03	1.56E-03	8.05E-03	3.82E-03	0.11	0.53		0.03	2.05E-06	0.11	6.93E-06
389	Oshawa Creek 6	673154.0	4859421.9		1.71E-03	1.58E-03	1.10E-05	6.79E-03	1.67E-03	0.01	5.15E-04	0.01	0.18	9.48E-04	7.36E-03	1.34E-03	7.95E-03	3.81E-03	0.11	0.53		0.03	1.77E-06	0.11	5.97E-06
390	Farmer	677409.8	4861051.4		2.28E-03	5.34E-03	3.71E-05	6.98E-03	2.14E-03	0.02	1.74E-03	0.02	0.18	1.22E-03	7.40E-03	4.53E-03	9.39E-03	3.91E-03	0.13	0.57		0.03	5.98E-06	0.11	2.02E-05
391	Commercial Market	688276.3	4864698.5		1.72E-03	1.62E-03	1.13E-05	6.79E-03	1.67E-03	0.01	5.28E-04	0.01	0.18	9.50E-04	7.36E-03	1.37E-03	7.97E-03	3.81E-03	0.11	0.53		0.03	1.81E-06	0.11	6.12E-06



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,4,6-	2,4-	Pentachlo	Hexachlor	Pentachlo	Polycyclic Organic Matter	Acenapht	Acenapht	Anthrace	Benzo(a)a	Benzo(b)f	Benzo(k)f	Benzo(a)fl	Benzo(b)f	Benzo(ghi	Benzo(a)p	Benzo(e)p	Biphenyl	2-		Dibenzo(a	
					Trichloro phenol	Dichlorop henol	ropheno l	obenzene	robenze ne		hylene	hene	ne	nthracen e	luoranthe ne	uoranthe ne	uorene	luorene	perylene	pyrene	pyrene		chlorona phthalen e	Chrysene	Coronene	
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	2.16E-06	4.25E-06	8.52E-06	2.13E-06	5.59E-06		5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06
				Background Concentration (ug/m3)			2.13E-03	1.52E-04			7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04	
1	Campground 10	678526.8	4859996.8		7.50E-06	1.48E-05	2.16E-03	1.60E-04	1.94E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.84E-06
2	ECO 2	675490.4	4860360.1		3.81E-06	7.50E-06	2.15E-03	1.56E-04	9.85E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.95E-06
3	Recreational 5	681642.0	4860349.3		1.51E-05	2.98E-05	2.19E-03	1.67E-04	3.91E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.18E-03	3.30E-04	2.36E-04	3.30E-04	7.75E-06
4	ECO 4	676831.5	4859840.9		3.65E-06	7.19E-06	2.15E-03	1.56E-04	9.44E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.87E-06
5	Bow. Valley Cons. 3	685767.2	4863879.0		2.59E-06	5.09E-06	2.14E-03	1.55E-04	6.69E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.32E-06
6	ECO 6	679647.8	4859989.3		1.03E-05	2.02E-05	2.17E-03	1.62E-04	2.66E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.80E-04	1.66E-04	3.32E-04	3.91E-03	3.30E-04	2.36E-04	3.30E-04	5.26E-06
7	ECO 7	681578.8	4862070.1		6.75E-06	1.33E-05	2.16E-03	1.59E-04	1.75E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	3.46E-06
8	ECO 8	679735.5	4861048.6		1.40E-05	2.76E-05	2.19E-03	1.66E-04	3.63E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.12E-03	3.30E-04	2.36E-04	3.30E-04	7.19E-06
9	ECO 9	687219.7	4864249.3		2.15E-06	4.22E-06	2.14E-03	1.54E-04	5.55E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.10E-06
10	ECO 10	686519.0	4861987.6		2.63E-06	5.17E-06	2.14E-03	1.55E-04	6.79E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.34E-06
11	ECO 11	679870.4	4859737.9		6.93E-06	1.36E-05	2.16E-03	1.59E-04	1.79E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.71E-03	3.30E-04	2.35E-04	3.30E-04	3.55E-06
12	Recreational 4	681575.5	4860557.7		1.83E-05	3.60E-05	2.21E-03	1.70E-04	4.73E-05		7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.87E-04	1.66E-04	3.33E-04	4.36E-03	3.30E-04	2.36E-04	3.30E-04	9.36E-06
13	Future Industrial 9	680704.5	4859857.8		8.58E-06	1.69E-05	2.17E-03	1.61E-04	2.22E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.79E-04	1.65E-04	3.31E-04	3.81E-03	3.30E-04	2.35E-04	3.30E-04	4.39E-06
14	Future Industrial 10	680608.0	4860719.6		2.35E-05	4.62E-05	2.23E-03	1.75E-04	6.07E-05		7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.42E-04	3.38E-04	1.91E-04	1.66E-04	3.34E-04	4.66E-03	3.30E-04	2.36E-04	3.30E-04	1.20E-05
15	Harmony Creek	673992.4	4865641.4		1.41E-06	2.78E-06	2.14E-03	1.54E-04	3.65E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.22E-07
16	Farewell Creek	678079.2	4868822.7		1.53E-06	3.01E-06	2.14E-03	1.54E-04	3.95E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.82E-07
17	Farmer	681378.6	4860335.0		1.49E-05	2.93E-05	2.19E-03	1.67E-04	3.85E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.17E-03	3.30E-04	2.36E-04	3.30E-04	7.64E-06
18	Watson Farm	682883.4	4864219.7		4.75E-06	9.35E-06	2.15E-03	1.57E-04	1.23E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.43E-06
19	Racanski Farm	678929.2	4865530.2		2.26E-06	4.45E-06	2.14E-03	1.54E-04	5.84E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.16E-06
20	Zoo	687216.8	4864835.3		1.70E-06	3.35E-06	2.14E-03	1.54E-04	4.40E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.72E-07
21	Cedar Crest Beach	686652.1	4861660.9		3.14E-06	6.19E-06	2.15E-03	1.55E-04	8.13E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.61E-06
22	Darlington Prov Park Beach	677844.6	4859718.2		4.29E-06	8.44E-06	2.15E-03	1.56E-04	1.11E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.20E-06
23	OPG 1	682258.1	4860045.0		6.01E-06	1.18E-05	2.16E-03	1.58E-04	1.55E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	3.08E-06
24	OPG 2	682551.4	4859889.1		7.33E-06	1.44E-05	2.16E-03	1.59E-04	1.89E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.74E-03	3.30E-04	2.35E-04	3.30E-04	3.75E-06
25	OPG 3	682824.6	4859759.3		4.56E-06	8.97E-06	2.15E-03	1.57E-04	1.18E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.33E-06
26	OPG 4	683021.6	4859937.3		5.59E-06	1.10E-05	2.16E-03	1.58E-04	1.45E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	2.86E-06
27	OPG 5	683318.2	4859677.8		4.24E-06	8.35E-06	2.15E-03	1.56E-04	1.10E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.17E-06
28	OPG 6	683306.9	4860023.0		4.99E-06	9.83E-06	2.15E-03	1.57E-04	1.29E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	2.56E-06
29	OPG 7	683718.6	4859915.8		4.76E-06	9.36E-06	2.15E-03	1.57E-04	1.23E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.44E-06
30	OPG 8	682702.0	4859998.6		5.62E-06	1.11E-05	2.16E-03	1.58E-04	1.45E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	2.88E-06
31	OPG 9	684347.7	4861184.6		3.94E-06	7.75E-06	2.15E-03	1.56E-04	1.02E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	2.02E-06
32	OPG 10	682157.2	4861228.2		8.29E-06	1.63E-05	2.17E-03	1.60E-04	2.14E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.79E-03	3.30E-04	2.35E-04	3.30E-04	4.25E-06
33	St. Mary's 1	684557.0	4861070.0		4.83E-06	9.50E-06	2.15E-03	1.57E-04	1.25E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.47E-06
34	St. Mary's 2	684657.3	4861320.8		3.62E-06	7.13E-06	2.15E-03	1.56E-04	9.37E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.3			

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,4,6-	2,4-	Pentachlo	Hexachlor	Pentachlo	Polycyclic Organic Matter	Acenapht	Acenapht	Anthrace	Benzo(a)a	Benzo(b)f	Benzo(k)f	Benzo(a)fl	Benzo(b)fl	Benzo(ghi	Benzo(a)p	Benzo(e)p	Biphenyl	2-		Dibenzo(a	
					Trichloro phenol	Dichlorop henol	rophenol	obenzene	robenzen e		hylene	hene	ne	nthracen e	luoranthe ne	uoranthe ne	uorene	luorene	perylene	pyrene	pyrene		chlorona phthalen e	Chrysene	Coronene	
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	2.16E-06	4.25E-06	8.52E-06	2.13E-06	5.59E-06		5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06
				Background Concentration (ug/m3)			2.13E-03	1.52E-04			7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04	
54	Bow. Subdivision 9	684777.3	4863330.5		4.33E-06	8.52E-06	2.15E-03	1.56E-04	1.12E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.22E-06
55	Bow. Subdivision 10	685266.0	4863243.1		3.61E-06	7.11E-06	2.15E-03	1.56E-04	9.33E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.85E-06
56	Osh/Court Subdivision 1	677396.8	4860977.3		5.95E-06	1.17E-05	2.16E-03	1.58E-04	1.54E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	3.05E-06
57	Osh/Court Subdivision 2	676633.5	4860816.8		4.21E-06	8.28E-06	2.15E-03	1.56E-04	1.09E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.15E-06
58	Osh/Court Subdivision 3	676916.0	4861925.0		4.04E-06	7.95E-06	2.15E-03	1.56E-04	1.04E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.07E-06
59	Osh/Court Subdivision 4	676730.5	4861317.1		3.82E-06	7.52E-06	2.15E-03	1.56E-04	9.88E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.96E-06
60	Osh/Court Subdivision 5	676087.2	4861392.3		3.53E-06	6.94E-06	2.15E-03	1.56E-04	9.12E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.81E-06
61	Osh/Court Subdivision 6	676177.1	4861722.2		3.93E-06	7.73E-06	2.15E-03	1.56E-04	1.02E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	2.01E-06
62	Osh/Court Subdivision 7	675670.7	4861783.2		2.99E-06	5.89E-06	2.15E-03	1.55E-04	7.73E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.53E-06
63	Osh/Court Subdivision 8	676050.8	4862055.7		5.42E-06	1.07E-05	2.15E-03	1.57E-04	1.40E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	2.78E-06
64	Osh/Court Subdivision 9	676636.9	4862134.3		4.05E-06	7.96E-06	2.15E-03	1.56E-04	1.05E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.07E-06
65	Osh/Court Subdivision 10	676571.3	4861634.8		3.57E-06	7.02E-06	2.15E-03	1.56E-04	9.22E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.83E-06
66	Bow. Subdivision 11	684649.2	4863182.7		4.56E-06	8.97E-06	2.15E-03	1.57E-04	1.18E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.33E-06
67	Daycare B	685172.4	4863933.1		2.47E-06	4.87E-06	2.14E-03	1.55E-04	6.39E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	1.27E-06
68	Daycare C	685452.0	4863104.4		3.53E-06	6.95E-06	2.15E-03	1.56E-04	9.13E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.81E-06
69	Daycare D	685527.7	4864693.3		1.88E-06	3.70E-06	2.14E-03	1.54E-04	4.86E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.62E-07
70	Daycare E	685735.4	4864790.8		1.87E-06	3.68E-06	2.14E-03	1.54E-04	4.84E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.58E-07
71	Daycare F	685520.3	4864854.3		1.74E-06	3.42E-06	2.14E-03	1.54E-04	4.49E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.90E-07
72	Daycare G	685441.9	4864878.0		1.77E-06	3.48E-06	2.14E-03	1.54E-04	4.57E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.06E-07
73	Daycare H	686364.8	4864707.8		1.85E-06	3.63E-06	2.14E-03	1.54E-04	4.77E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.45E-07
74	Daycare I	685721.6	4865127.3		1.60E-06	3.14E-06	2.14E-03	1.54E-04	4.12E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.17E-07
75	Daycare J	678256.3	4863565.4		9.78E-06	1.93E-05	2.17E-03	1.62E-04	2.53E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.88E-03	3.30E-04	2.35E-04	3.30E-04	5.01E-06
76	Daycare K	677694.1	4864043.7		3.85E-06	7.57E-06	2.15E-03	1.56E-04	9.95E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.97E-06
77	Daycare L	676479.5	4862526.2		5.03E-06	9.90E-06	2.15E-03	1.57E-04	1.30E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.58E-06
78	Daycare M	678320.9	4864763.5		2.82E-06	5.55E-06	2.14E-03	1.55E-04	7.29E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	1.44E-06
79	Daycare N	678513.4	4865058.0		2.91E-06	5.73E-06	2.14E-03	1.55E-04	7.53E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.49E-06
80	Daycare O	672788.7	4863936.6		2.22E-06	4.36E-06	2.14E-03	1.54E-04	5.73E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.13E-06
81	Daycare P	673952.8	4863592.5		2.95E-06	5.80E-06	2.15E-03	1.55E-04	7.62E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.51E-06
82	Daycare Q	671751.8	4864887.7		1.57E-06	3.08E-06	2.14E-03	1.54E-04	4.05E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.03E-07
83	Daycare R	685714.4	4864667.4		1.99E-06	3.92E-06	2.14E-03	1.54E-04	5.15E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	1.02E-06
84	Daycare S	684177.9	4863618.2		3.26E-06	6.42E-06	2.15E-03	1.55E-04	8.43E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.67E-06
85	Daycare T	678423.6	4864480.4		3.39E-06	6.66E-06	2.15E-03	1.55E-04	8.75E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.73E-06
86	Daycare U	685330.5	4863435.1		3.31E-06	6.51E-06	2.15E-03	1.55E-04	8.55E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.69E-06
87	Daycare V	685153.2	4863236.9		4.22E-06	8.31E-06	2.15E-03	1.56E-04	1.09E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04						

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chlorophthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
											(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04
107	Daycare PP	674794.5	4864915.4		1.69E-06	3.33E-06	2.14E-03	1.54E-04	4.37E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.65E-07
108	Hospital	686324.2	4864395.8		2.11E-06	4.16E-06	2.14E-03	1.54E-04	5.47E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.08E-06
109	Hospital (Children s)	676057.8	4862180.9		6.23E-06	1.23E-05	2.16E-03	1.58E-04	1.61E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.19E-06
110	Hospital	671233.2	4863615.9		1.68E-06	3.31E-06	2.14E-03	1.54E-04	4.35E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.61E-07
111	Comm. Resp. Services	676045.4	4863902.5		4.37E-06	8.60E-06	2.15E-03	1.56E-04	1.13E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.24E-06
112	Hospital	671712.7	4862364.1		1.38E-06	2.72E-06	2.14E-03	1.53E-04	3.57E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.07E-07
113	Retirement Residence A	684199.9	4864120.3		4.55E-06	8.96E-06	2.15E-03	1.57E-04	1.18E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.33E-06
114	Retirement Residence B	685483.9	4865150.9		2.29E-06	4.50E-06	2.14E-03	1.54E-04	5.91E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.17E-06
115	Retirement Residence C	686844.0	4864732.1		1.87E-06	3.69E-06	2.14E-03	1.54E-04	4.84E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.59E-07
116	Retirement Residence D	673481.7	4863343.4		2.37E-06	4.67E-06	2.14E-03	1.54E-04	6.13E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.22E-06
117	Retirement Residence E	671825.2	4864399.0		1.87E-06	3.69E-06	2.14E-03	1.54E-04	4.84E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.60E-07
118	Retirement Residence F	671606.3	4864536.0		1.76E-06	3.47E-06	2.14E-03	1.54E-04	4.56E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.04E-07
119	Retirement Residence G	671357.1	4862958.7		1.52E-06	2.99E-06	2.14E-03	1.54E-04	3.92E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.78E-07
120	Retirement Residence H	671514.0	4862262.9		1.43E-06	2.82E-06	2.14E-03	1.54E-04	3.70E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.33E-07
121	Retirement Residence I	672602.2	4863075.9		2.07E-06	4.07E-06	2.14E-03	1.54E-04	5.34E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.06E-06
122	Retirement Residence J	671719.1	4862893.1		1.61E-06	3.16E-06	2.14E-03	1.54E-04	4.16E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.23E-07
123	Retirement Residence K	686718.0	4865648.7		1.67E-06	3.29E-06	2.14E-03	1.54E-04	4.33E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.57E-07
124	Retirement Residence L	676168.7	4865669.9		2.25E-06	4.43E-06	2.14E-03	1.54E-04	5.82E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.15E-06
125	Retirement Residence M	676118.5	4863980.7		4.73E-06	9.30E-06	2.15E-03	1.57E-04	1.22E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.42E-06
126	Bow. Subdivision 12	684649.2	4863182.7		4.56E-06	8.97E-06	2.15E-03	1.57E-04	1.18E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.33E-06
127	Primary School B	685384.8	4863575.3		2.84E-06	5.59E-06	2.14E-03	1.55E-04	7.34E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	1.45E-06
128	Primary School C	685021.6	4863952.9		3.16E-06	6.22E-06	2.15E-03	1.55E-04	8.17E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.62E-06
129	Primary School D	686237.0	4864085.5		2.34E-06	4.60E-06	2.14E-03	1.54E-04	6.04E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.20E-06
130	Primary School E	686719.0	4863734.7		2.14E-06	4.22E-06	2.14E-03	1.54E-04	5.54E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.10E-06
131	Primary School F	686357.0	4864754.9		1.81E-06	3.56E-06	2.14E-03	1.54E-04	4.68E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.27E-07
132	Primary School G	685502.0	4865013.4		1.75E-06	3.44E-06	2.14E-03	1.54E-04	4.52E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.95E-07
133	Primary School H	686726.7	4866061.5		1.43E-06	2.80E-06	2.14E-03	1.54E-04	3.68E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.30E-07
134	Primary School I	685186.2	4866568.2		4.07E-06	8.01E-06	2.15E-03	1.56E-04	1.05E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.08E-06
135	Primary School J	685965.3	4866979.0		1.86E-06	3.65E-06	2.14E-03	1.54E-04	4.80E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.51E-07
136	Primary School K	677709.9	4864726.5		3.54E-06	6.97E-06	2.15E-03	1.56E-04	9.16E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.81E-06
137	Primary School L	675988.3	4864270.2		4.19E-06	8.25E-06	2.15E-03	1.56E-04	1.08E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.15E-06
138	Primary School M	676608.7	4862739.0		3.65E-06	7.19E-06	2.15E-03	1.56E-04	9.44E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.87E-06
139	Primary School N	677222.2	4863759.1		6.21E-06	1.22E-05	2.16E-03	1.58E-04	1.61E-05		7.54E-04	3.05E-03	3.97E-04	1.6												



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chlorophthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
											(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04
160	Primary School II	672616.7	4862114.9		1.70E-06	3.35E-06	2.14E-03	1.54E-04	4.40E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.72E-07
161	Primary School JJ	673567.2	4861899.5		2.72E-06	5.36E-06	2.14E-03	1.55E-04	7.04E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.39E-06
162	Primary School KK	671791.0	4861954.2		1.52E-06	2.99E-06	2.14E-03	1.54E-04	3.92E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.77E-07
163	Primary School LL	673762.3	4864210.6		2.09E-06	4.11E-06	2.14E-03	1.54E-04	5.40E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.07E-06
164	Primary School MM	672238.8	4864621.3		1.85E-06	3.64E-06	2.14E-03	1.54E-04	4.78E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.48E-07
165	Primary School NN	673213.6	4858677.0		1.54E-06	3.04E-06	2.14E-03	1.54E-04	3.99E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.91E-07
166	Primary School OO	675474.8	4863221.7		5.22E-06	1.03E-05	2.15E-03	1.57E-04	1.35E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.62E-03	3.30E-04	2.35E-04	3.30E-04	2.67E-06
167	Primary School PP	672441.8	4858748.6		2.00E-06	3.94E-06	2.14E-03	1.54E-04	5.17E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	1.02E-06
168	Primary School QQ	672796.8	4864438.2		2.06E-06	4.06E-06	2.14E-03	1.54E-04	5.34E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.06E-06
169	Primary School RR	671351.4	4863284.0		1.32E-06	2.61E-06	2.14E-03	1.53E-04	3.42E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.78E-07
170	Primary School SS	673213.9	4862125.5		2.27E-06	4.47E-06	2.14E-03	1.54E-04	5.87E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.16E-06
171	Primary School TT	671017.9	4860953.7		9.80E-07	1.93E-06	2.14E-03	1.53E-04	2.53E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.38E-03	3.30E-04	2.35E-04	3.30E-04	5.02E-07
172	Primary School UU	670991.0	4861089.8		1.11E-06	2.19E-06	2.14E-03	1.53E-04	2.88E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.38E-03	3.30E-04	2.35E-04	3.30E-04	5.71E-07
173	Primary School VV	674150.1	4862294.8		2.50E-06	4.92E-06	2.14E-03	1.55E-04	6.46E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	1.28E-06
174	Primary School WW	672005.2	4861707.9		1.48E-06	2.91E-06	2.14E-03	1.54E-04	3.83E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.58E-07
175	Primary School XX	684172.1	4863615.6		3.29E-06	6.47E-06	2.15E-03	1.55E-04	8.50E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.68E-06
176	Primary School YY	683923.3	4866636.4		1.79E-06	3.52E-06	2.14E-03	1.54E-04	4.62E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.15E-07
177	Primary School ZZ	680446.0	4865770.5		2.76E-06	5.43E-06	2.14E-03	1.55E-04	7.14E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	1.41E-06
178	Vacant School	685612.9	4864520.0		2.22E-06	4.37E-06	2.14E-03	1.54E-04	5.74E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.14E-06
179	Secondary School A	686291.4	4865064.3		1.76E-06	3.46E-06	2.14E-03	1.54E-04	4.55E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.01E-07
180	Secondary School B	683875.0	4864741.7		3.27E-06	6.44E-06	2.15E-03	1.55E-04	8.46E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.68E-06
181	Secondary School C	684650.3	4866460.3		2.24E-06	4.40E-06	2.14E-03	1.54E-04	5.78E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.15E-06
182	Secondary School D	678099.5	4864838.2		2.46E-06	4.84E-06	2.14E-03	1.55E-04	6.35E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	1.26E-06
183	Secondary School E	678467.0	4863431.2		9.01E-06	1.77E-05	2.17E-03	1.61E-04	2.33E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	4.61E-06
184	Secondary School F	674144.9	4862762.7		3.22E-06	6.33E-06	2.15E-03	1.55E-04	8.32E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.65E-06
185	Secondary School G	673816.0	4864357.1		1.63E-06	3.22E-06	2.14E-03	1.54E-04	4.22E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.37E-07
186	Secondary School H	673145.4	4858569.0		1.70E-06	3.34E-06	2.14E-03	1.54E-04	4.39E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.69E-07
187	Secondary School I	671291.7	4863581.3		1.66E-06	3.28E-06	2.14E-03	1.54E-04	4.30E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.53E-07
188	Secondary School J	671443.2	4861664.9		1.38E-06	2.73E-06	2.14E-03	1.53E-04	3.58E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.09E-07
189	Secondary School K	673235.3	4860885.0		1.81E-06	3.55E-06	2.14E-03	1.54E-04	4.67E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.25E-07
190	Secondary School L	684252.7	4866500.5		2.31E-06	4.54E-06	2.14E-03	1.54E-04	5.97E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.18E-06
191	Secondary School M	673914.1	4859551.7		2.22E-06	4.38E-06	2.14E-03	1.54E-04	5.75E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.14E-06
192	Secondary School N	675051.5	4864177.2		2.15E-06	4.23E-06	2.14E-03	1.54E-04	5.56E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.4											

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chlorophthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	2.16E-06	4.25E-06	8.52E-06		2.13E-06	5.59E-06	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07
213	Port Darlington 5	686406.8	4861448.7	Updated Facility Contaminant Emission Rate (g/s)	2.50E-06	4.92E-06	2.14E-03	1.55E-04	6.46E-06	Polycyclic Organic Matter	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	1.28E-06
214	Port Darlington 6	686504.5	4861604.0		2.62E-06	5.16E-06	2.14E-03	1.55E-04	6.77E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.34E-06
215	Port Darlington 7	686703.0	4861789.3		2.94E-06	5.79E-06	2.15E-03	1.55E-04	7.60E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.51E-06
216	Port Darlington 8	686895.8	4861960.2		2.26E-06	4.44E-06	2.14E-03	1.54E-04	5.83E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.16E-06
217	Port Darlington 9	686867.4	4862119.7		1.90E-06	3.74E-06	2.14E-03	1.54E-04	4.92E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.74E-07
218	Port Darlington 10	687190.7	4862048.8		2.10E-06	4.13E-06	2.14E-03	1.54E-04	5.42E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.07E-06
219	Port Darlington 11	687524.4	4862126.8		2.27E-06	4.47E-06	2.14E-03	1.54E-04	5.87E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.16E-06
220	Campground 1	678646.3	4860337.7		6.86E-06	1.35E-05	2.16E-03	1.59E-04	1.77E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.71E-03	3.30E-04	2.35E-04	3.30E-04	3.52E-06
221	Campground 2	678410.2	4860148.6		6.11E-06	1.20E-05	2.16E-03	1.58E-04	1.58E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.13E-06
222	Campground 3	678651.0	4860054.4		7.51E-06	1.48E-05	2.16E-03	1.60E-04	1.94E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.85E-06
223	Campground 4	678725.9	4859860.7		7.10E-06	1.40E-05	2.16E-03	1.59E-04	1.84E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.72E-03	3.30E-04	2.35E-04	3.30E-04	3.64E-06
224	Campground 5	678511.1	4859808.6		6.79E-06	1.34E-05	2.16E-03	1.59E-04	1.76E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.71E-03	3.30E-04	2.35E-04	3.30E-04	3.48E-06
225	Campground 6	678869.5	4859696.0		7.17E-06	1.41E-05	2.16E-03	1.59E-04	1.85E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.73E-03	3.30E-04	2.35E-04	3.30E-04	3.67E-06
226	Campground 7	678723.9	4860201.8		6.89E-06	1.36E-05	2.16E-03	1.59E-04	1.78E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.71E-03	3.30E-04	2.35E-04	3.30E-04	3.53E-06
227	Campground 8	678796.0	4860011.4		7.98E-06	1.57E-05	2.16E-03	1.60E-04	2.06E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.77E-03	3.30E-04	2.35E-04	3.30E-04	4.09E-06
228	Campground 9	678852.7	4859854.2		7.72E-06	1.52E-05	2.16E-03	1.60E-04	1.99E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.76E-03	3.30E-04	2.35E-04	3.30E-04	3.95E-06
229	Solina 1	681099.6	4861677.2		8.78E-06	1.73E-05	2.17E-03	1.61E-04	2.27E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.82E-03	3.30E-04	2.35E-04	3.30E-04	4.50E-06
230	Solina 2	681115.7	4861857.7		1.03E-05	2.04E-05	2.17E-03	1.62E-04	2.67E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.80E-04	1.66E-04	3.32E-04	3.91E-03	3.30E-04	2.36E-04	3.30E-04	5.30E-06
231	Solina 3	680987.4	4861983.5		6.69E-06	1.32E-05	2.16E-03	1.59E-04	1.73E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	3.43E-06
232	Solina 4	680965.0	4862068.1		6.64E-06	1.31E-05	2.16E-03	1.59E-04	1.72E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	3.40E-06
233	Solina 5	681021.5	4862086.7		6.11E-06	1.20E-05	2.16E-03	1.58E-04	1.58E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.13E-06
234	Solina 6	680939.8	4862124.3		6.72E-06	1.32E-05	2.16E-03	1.59E-04	1.74E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	3.44E-06
235	Solina 7	680988.2	4862183.6		6.15E-06	1.21E-05	2.17E-03	1.58E-04	1.59E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.15E-06
236	Solina 8	680984.6	4862209.8		6.13E-06	1.21E-05	2.16E-03	1.58E-04	1.58E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.14E-06
237	Solina 9	680958.6	4862294.9		5.99E-06	1.18E-05	2.16E-03	1.58E-04	1.55E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	3.07E-06
238	Solina 10	680858.0	4862324.3		6.27E-06	1.23E-05	2.16E-03	1.58E-04	1.62E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.68E-03	3.30E-04	2.35E-04	3.30E-04	3.21E-06
239	Solina 11	680990.3	4862403.5	6.19E-06	1.22E-05	2.16E-03	1.58E-04	1.60E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.17E-06		
240	Recreational 1	681545.0	4860865.0	8.85E-06	1.74E-05	2.17E-03	1.61E-04	2.29E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.82E-03	3.30E-04	2.35E-04	3.30E-04	4.53E-06		
241	Recreational 2	681563.7	4860687.4	1.54E-05	3.03E-05	2.19E-03	1.67E-04	3.98E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.20E-03	3.30E-04	2.36E-04	3.30E-04	7.88E-06		
242	Recreational 3	681579.7	4860610.0	1.75E-05	3.45E-05	2.20E-03	1.69E-04	4.53E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.32E-03	3.30E-04	2.36E-04	3.30E-04	8.98E-06		
243	Recreational 6	681876.6	4860254.4	1.12E-05	2.21E-05	2.18E-03	1.63E-04	2.90E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.96E-03	3.30E-04	2.36E-04	3.30E-04	5.74E-06		
244	Recreational 7	682166.9	4860324.4	8.56E-06	1.68E-05	2.17E-03	1.61E-04	2.21E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.81E-03	3.30E-04	2.35E-04	3.30E-04	4.38E-06		
245	Darlington 1	679565.4	4861052.9	1.32E-05	2.59E-05	2.19E-03	1.65E-04	3.40E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.07E-03	3.30E-04	2.36E-04	3.30E-04	6.74E-06		
246	Darlington 2	679452.9	48610																							

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chlorophthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
											Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07
266	Future Industrial 8	680398.0	4860731.8	Updated Facility Contaminant Emission Rate (g/s)	2.16E-06	4.25E-06	8.52E-06	2.13E-06	5.59E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04	8.15E-06
266	Future Industrial 8	680398.0	4860731.8	Background Concentration (ug/m3)			2.13E-03	1.52E-04			7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04	8.15E-06
267	Future Industrial 1	680359.6	4859959.2	Updated Facility Contaminant Emission Rate (g/s)	1.59E-05	3.13E-05	2.20E-03	1.68E-04	4.12E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.36E-04	1.85E-04	1.66E-04	3.32E-04	4.23E-03	3.30E-04	2.36E-04	3.30E-04	7.50E-06
267	Future Industrial 1	680359.6	4859959.2	Background Concentration (ug/m3)			2.19E-03	1.67E-04	3.79E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.15E-03	3.30E-04	2.36E-04	3.30E-04	7.50E-06
268	Future Industrial 2	680083.7	4859985.2	Updated Facility Contaminant Emission Rate (g/s)	1.13E-05	2.23E-05	2.18E-03	1.63E-04	2.93E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.96E-03	3.30E-04	2.36E-04	3.30E-04	5.80E-06
268	Future Industrial 2	680083.7	4859985.2	Background Concentration (ug/m3)			2.20E-03	1.69E-04	4.33E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.96E-03	3.30E-04	2.36E-04	3.30E-04	5.80E-06
269	Future Industrial 3	680819.9	4860705.3	Updated Facility Contaminant Emission Rate (g/s)	1.68E-05	3.30E-05	2.20E-03	1.69E-04	4.33E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.85E-04	1.66E-04	3.33E-04	4.27E-03	3.30E-04	2.36E-04	3.30E-04	8.58E-06
269	Future Industrial 3	680819.9	4860705.3	Background Concentration (ug/m3)			2.20E-03	1.69E-04	4.33E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.85E-04	1.66E-04	3.33E-04	4.27E-03	3.30E-04	2.36E-04	3.30E-04	8.58E-06
270	Future Industrial 4	681070.0	4859937.2	Updated Facility Contaminant Emission Rate (g/s)	1.27E-05	2.50E-05	2.18E-03	1.65E-04	3.29E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.04E-03	3.30E-04	2.36E-04	3.30E-04	6.51E-06
270	Future Industrial 4	681070.0	4859937.2	Background Concentration (ug/m3)			2.18E-03	1.65E-04	3.29E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.04E-03	3.30E-04	2.36E-04	3.30E-04	6.51E-06
271	Future Industrial 5	679898.8	4860067.4	Updated Facility Contaminant Emission Rate (g/s)	1.28E-05	2.53E-05	2.18E-03	1.65E-04	3.32E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.05E-03	3.30E-04	2.36E-04	3.30E-04	6.57E-06
271	Future Industrial 5	679898.8	4860067.4	Background Concentration (ug/m3)			2.18E-03	1.65E-04	3.32E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.05E-03	3.30E-04	2.36E-04	3.30E-04	6.57E-06
272	Future Industrial 6	680134.8	4860694.1	Updated Facility Contaminant Emission Rate (g/s)	1.81E-05	3.55E-05	2.20E-03	1.70E-04	4.67E-05		7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.35E-03	3.30E-04	2.36E-04	3.30E-04	9.25E-06
272	Future Industrial 6	680134.8	4860694.1	Background Concentration (ug/m3)			2.20E-03	1.70E-04	4.67E-05		7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.35E-03	3.30E-04	2.36E-04	3.30E-04	9.25E-06
273	Future Industrial 11	680253.7	4860255.2	Updated Facility Contaminant Emission Rate (g/s)	2.92E-05	5.75E-05	2.25E-03	1.81E-04	7.55E-05		7.61E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.45E-04	3.40E-04	1.95E-04	1.67E-04	3.35E-04	4.98E-03	3.30E-04	2.37E-04	3.30E-04	1.50E-05
273	Future Industrial 11	680253.7	4860255.2	Background Concentration (ug/m3)			2.25E-03	1.81E-04	7.55E-05		7.61E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.45E-04	3.40E-04	1.95E-04	1.67E-04	3.35E-04	4.98E-03	3.30E-04	2.37E-04	3.30E-04	1.50E-05
274	Future Industrial 12	679901.2	4860511.8	Updated Facility Contaminant Emission Rate (g/s)	1.42E-05	2.79E-05	2.19E-03	1.66E-04	3.66E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.13E-03	3.30E-04	2.36E-04	3.30E-04	7.26E-06
274	Future Industrial 12	679901.2	4860511.8	Background Concentration (ug/m3)			2.19E-03	1.66E-04	3.66E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.13E-03	3.30E-04	2.36E-04	3.30E-04	7.26E-06
275	Commercial Farmer	679867.8	4860445.4	Updated Facility Contaminant Emission Rate (g/s)	1.59E-05	3.13E-05	2.20E-03	1.68E-04	4.11E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.36E-04	1.85E-04	1.66E-04	3.32E-04	4.22E-03	3.30E-04	2.36E-04	3.30E-04	8.13E-06
275	Commercial Farmer	679867.8	4860445.4	Background Concentration (ug/m3)			2.20E-03	1.68E-04	4.11E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.36E-04	1.85E-04	1.66E-04	3.32E-04	4.22E-03	3.30E-04	2.36E-04	3.30E-04	8.13E-06
276	Farmer	679277.0	4859981.5	Updated Facility Contaminant Emission Rate (g/s)	9.85E-06	1.94E-05	2.17E-03	1.62E-04	2.55E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.88E-03	3.30E-04	2.35E-04	3.30E-04	5.04E-06
276	Farmer	679277.0	4859981.5	Background Concentration (ug/m3)			2.17E-03	1.62E-04	2.55E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.88E-03	3.30E-04	2.35E-04	3.30E-04	5.04E-06
277	Residence	679387.2	4860648.9	Updated Facility Contaminant Emission Rate (g/s)	7.52E-06	1.48E-05	2.16E-03	1.60E-04	1.94E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.85E-06
277	Residence	679387.2	4860648.9	Background Concentration (ug/m3)			2.16E-03	1.60E-04	1.94E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.85E-06
278	Barn	679261.9	4860574.2	Updated Facility Contaminant Emission Rate (g/s)	7.20E-06	1.42E-05	2.16E-03	1.59E-04	1.86E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.73E-03	3.30E-04	2.35E-04	3.30E-04	3.69E-06
278	Barn	679261.9	4860574.2	Background Concentration (ug/m3)			2.16E-03	1.59E-04	1.86E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.73E-03	3.30E-04	2.35E-04	3.30E-04	3.69E-06
279	Residence	680150.7	4861295.7	Updated Facility Contaminant Emission Rate (g/s)	1.09E-05	2.15E-05	2.18E-03	1.63E-04	2.82E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.94E-03	3.30E-04	2.36E-04	3.30E-04	5.58E-06
279	Residence	680150.7	4861295.7	Background Concentration (ug/m3)			2.18E-03	1.63E-04	2.82E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.94E-03	3.30E-04	2.36E-04	3.30E-04	5.58E-06
280	Residence	679939.8	4861213.4	Updated Facility Contaminant Emission Rate (g/s)	1.05E-05	2.07E-05	2.17E-03	1.62E-04	2.71E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.92E-03	3.30E-04	2.36E-04	3.30E-04	5.38E-06
280	Residence	679939.8	4861213.4	Background Concentration (ug/m3)			2.17E-03	1.62E-04	2.71E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.92E-03	3.30E-04	2.36E-04	3.30E-04	5.38E-06
281	Farmer	680855.7	4861456.9	Updated Facility Contaminant Emission Rate (g/s)	1.18E-05	2.33E-05	2.18E-03	1.64E-04	3.05E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	3.99E-03	3.30E-04	2.36E-04	3.30E-04	6.05E-06
281	Farmer	680855.7	4861456.9	Background Concentration (ug/m3)			2.18E-03	1.64E-04	3.05E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	3.99E-03	3.30E-04	2.36E-04	3.30E-04	6.05E-06
282	Farmer	681386.2	4861673.3	Updated Facility Contaminant Emission Rate (g/s)	9.05E-06	1.78E-05	2.17E-03	1.61E-04	2.34E-05		7.55E-04	3.05E-03														

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,4,6-	2,4-	Pentachlo	Hexachlor	Pentachlo	Polycyclic Organic Matter	Acenapht	Acenapht	Anthrace	Benzo(a)a	Benzo(b)f	Benzo(k)f	Benzo(a)fl	Benzo(b)f	Benzo(ghi	Benzo(a)p	Benzo(e)p	Biphenyl	2-		Dibenzo(a	
					Trichloro phenol	Dichlorop henol	rophenol	obenzene	robenzen e		hylene	hene	ne	nthracen e	luoranthe ne	uoranthe ne	uorene	luorene	perylene	pyrene	pyrene		chlorona phthalen e	Chrysene	Coronene	
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	2.16E-06	4.25E-06	8.52E-06	2.13E-06	5.59E-06		5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06
				Background Concentration (ug/m3)			2.13E-03	1.52E-04			7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04	
319	Soper 7	685683.2	4867148.1		2.13E-06	4.20E-06	2.14E-03	1.54E-04	5.52E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.09E-06
320	Soper 8	686748.7	4865874.7		1.47E-06	2.89E-06	2.14E-03	1.54E-04	3.80E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.52E-07
321	Bowmanville 1	687026.3	4862368.4		1.85E-06	3.64E-06	2.14E-03	1.54E-04	4.78E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.47E-07
322	Bowmanville 2	686625.7	4863020.3		2.75E-06	5.41E-06	2.14E-03	1.55E-04	7.11E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	1.41E-06
323	Bowmanville 3	683380.3	4865365.9		2.58E-06	5.07E-06	2.14E-03	1.55E-04	6.66E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.32E-06
324	Bowmanville 4	683111.4	4867150.3		2.22E-06	4.37E-06	2.14E-03	1.54E-04	5.74E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.14E-06
325	Bowmanville 5	682452.2	4869417.5		1.38E-06	2.72E-06	2.14E-03	1.53E-04	3.57E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.07E-07
326	Bowmanville 6	684778.5	4864888.2		2.27E-06	4.46E-06	2.14E-03	1.54E-04	5.86E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.16E-06
327	Bowmanville 7	684549.5	4866404.4		2.13E-06	4.19E-06	2.14E-03	1.54E-04	5.51E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.09E-06
328	Upper Tooley 1	679944.8	4864883.1		2.96E-06	5.83E-06	2.15E-03	1.55E-04	7.66E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.52E-06
329	Upper Tooley 2	679055.1	4863885.8		7.70E-06	1.51E-05	2.16E-03	1.60E-04	1.99E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.76E-03	3.30E-04	2.35E-04	3.30E-04	3.94E-06
330	Upper Tooley 3	679714.0	4862767.4		5.44E-06	1.07E-05	2.15E-03	1.57E-04	1.41E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	2.79E-06
331	Upper Tooley 4	678898.8	4861800.6		7.90E-06	1.55E-05	2.16E-03	1.60E-04	2.04E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.77E-03	3.30E-04	2.35E-04	3.30E-04	4.04E-06
332	Upper Tooley 5	680353.5	4862156.5		8.95E-06	1.76E-05	2.17E-03	1.61E-04	2.31E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	4.58E-06
333	Upper Tooley 6	679818.1	4861625.7		8.42E-06	1.66E-05	2.17E-03	1.60E-04	2.18E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.80E-03	3.30E-04	2.35E-04	3.30E-04	4.31E-06
334	Robinson 1	678434.8	4860943.1		7.65E-06	1.51E-05	2.16E-03	1.60E-04	1.98E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.76E-03	3.30E-04	2.35E-04	3.30E-04	3.92E-06
335	Robinson 2	677752.6	4861240.6		6.73E-06	1.32E-05	2.16E-03	1.59E-04	1.74E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	3.45E-06
336	Robinson 3	677642.2	4861787.2		4.99E-06	9.82E-06	2.15E-03	1.57E-04	1.29E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	2.56E-06
337	Robinson 4	678532.7	4862143.6		7.36E-06	1.45E-05	2.16E-03	1.59E-04	1.90E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.74E-03	3.30E-04	2.35E-04	3.30E-04	3.77E-06
338	Robinson 5	678005.1	4862784.9		4.21E-06	8.28E-06	2.15E-03	1.56E-04	1.09E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.16E-06
339	Robinson 6	677882.7	4860587.7		5.53E-06	1.09E-05	2.16E-03	1.58E-04	1.43E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	2.83E-06
340	F/B 1	677443.1	4867862.1		2.01E-06	3.96E-06	2.14E-03	1.54E-04	5.21E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	1.03E-06
341	F/B 2	679667.4	4866611.4		2.22E-06	4.37E-06	2.14E-03	1.54E-04	5.74E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.14E-06
342	F/B 3	678655.0	4867470.1		1.58E-06	3.12E-06	2.14E-03	1.54E-04	4.10E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.11E-07
343	F/B 4	676191.2	4866844.7		1.43E-06	2.82E-06	2.14E-03	1.54E-04	3.70E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.34E-07
344	F/B 5	678273.3	4866093.0		2.99E-06	5.89E-06	2.15E-03	1.55E-04	7.73E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.53E-06
345	F/B 6	681241.2	4867098.8		2.16E-06	4.26E-06	2.14E-03	1.54E-04	5.60E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.11E-06
346	F/B 7	682165.3	4868082.3		2.02E-06	3.97E-06	2.14E-03	1.54E-04	5.22E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	1.03E-06
347	F/B 8	679366.6	4868628.3		1.94E-06	3.83E-06	2.14E-03	1.54E-04	5.02E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.95E-07
348	F/B 9	680310.1	4869967.1		1.58E-06	3.12E-06	2.14E-03	1.54E-04	4.09E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.11E-07
349	F/B 10	676487.3	4869291.6		1.62E-06	3.18E-06	2.14E-03	1.54E-04	4.18E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.28E-07
350	F/B 11	676851.4	4865409.3		1.79E-06	3.52E-06	2.14E-03	1.54E-04	4.62E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.16E-07
351	F/B 12	681153.3	4868682.2		1.66E-06	3.27E-06	2.14E-03	1.54E-04	4.30E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.52E-07
352	F/B 13	675416.3	4859833.9		2.65E-06	5.21E-06	2.14E-03	1.55E-04	6.85E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04</							



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,4,6-	2,4-	Pentachlo	Hexachlor	Pentachlo	Polycyclic Organic Matter	Acenapht	Acenapht	Anthrace	Benzo(a)a	Benzo(b)f	Benzo(k)f	Benzo(a)fl	Benzo(b)f	Benzo(ghi	Benzo(a)p	Benzo(e)p	Biphenyl	2- chlorona phthalen e	Chrysene	Coronene	Dibenzo(a ,c)anthrac ene
					Trichloro phenol	Dichlorop henol	rophenol	obenzene	ene		hylene	hene	ne	nthracen e	luoranthe ne	uoranthe ne	uorene	luorene	perylene	pyrene	pyrene	pyrene	pyrene	pyrene	pyrene	pyrene
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	2.16E-06	4.25E-06	8.52E-06	2.13E-06	5.59E-06		5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06
				Background Concentration (ug/m3)			2.13E-03	1.52E-04			7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04	
372	Westside 1	686082.6	4862776.6		3.43E-06	6.75E-06	2.15E-03	1.56E-04	8.87E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.76E-06
373	Westside 2	685778.7	4862137.9		2.86E-06	5.63E-06	2.14E-03	1.55E-04	7.39E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	1.46E-06
374	Westside 3	685084.2	4862827.4		3.24E-06	6.37E-06	2.15E-03	1.55E-04	8.37E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.66E-06
375	Darlington 1	680977.5	4865674.4		2.97E-06	5.85E-06	2.15E-03	1.55E-04	7.68E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.52E-06
376	Darlington 2	680913.9	4863967.1		4.25E-06	8.36E-06	2.15E-03	1.56E-04	1.10E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.17E-06
377	Darlington 3	682602.8	4863659.6		4.46E-06	8.78E-06	2.15E-03	1.57E-04	1.15E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.28E-06
378	Darlington 4	682206.4	4862910.4		5.87E-06	1.16E-05	2.16E-03	1.58E-04	1.52E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.65E-03	3.30E-04	2.35E-04	3.30E-04	3.01E-06
379	Darlington 5	683223.2	4861114.0		3.94E-06	7.75E-06	2.15E-03	1.56E-04	1.02E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	2.02E-06
380	Darlington 6	683947.7	4862362.0		3.80E-06	7.48E-06	2.15E-03	1.56E-04	9.82E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.95E-06
381	Darlington 7	685361.9	4861143.4		3.31E-06	6.52E-06	2.15E-03	1.55E-04	8.57E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.70E-06
382	Bennett ECO/HH	688606.4	4862634.8		1.75E-06	3.45E-06	2.14E-03	1.54E-04	4.53E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.97E-07
383	Oshawa ECO/HH	673884.9	4859128.9		2.72E-06	5.35E-06	2.14E-03	1.55E-04	7.03E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.39E-06
384	Oshawa Creek 1	671671.2	4862793.7		1.63E-06	3.21E-06	2.14E-03	1.54E-04	4.22E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.36E-07
385	Oshawa Creek 2	671668.5	4861589.5		1.40E-06	2.76E-06	2.14E-03	1.54E-04	3.63E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.19E-07
386	Oshawa Creek 3	672820.2	4861287.2		1.46E-06	2.88E-06	2.14E-03	1.54E-04	3.78E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.49E-07
387	Oshawa Creek 4	672360.3	4860262.6		1.62E-06	3.20E-06	2.14E-03	1.54E-04	4.20E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.32E-07
388	Oshawa Creek 5	673921.2	4860115.0		2.09E-06	4.11E-06	2.14E-03	1.54E-04	5.40E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.07E-06
389	Oshawa Creek 6	673154.0	4859421.9		1.80E-06	3.54E-06	2.14E-03	1.54E-04	4.65E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.21E-07
390	Farmer	677409.8	4861051.4		6.07E-06	1.20E-05	2.16E-03	1.58E-04	1.57E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.11E-06
391	Commercial Market	688276.3	4864698.5		1.84E-06	3.62E-06	2.14E-03	1.54E-04	4.76E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.43E-07

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	TetraIn	Triphenylene	O-terphenyl
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05
					1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03		1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04		5.91E-03	3.30E-04	6.26E-03		6.88E-04	1.32E-03	3.30E-04		3.30E-04
1	Campground 10	678526.8	4859996.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.49E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.01E-04	0.00E+00	3.42E-04
2	ECO 2	675490.4	4860360.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.28E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00	3.36E-04
3	Recreational 5	681642.0	4860349.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.05E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.74E-04	0.00E+00	3.53E-04
4	ECO 4	676831.5	4859840.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.19E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.65E-04	0.00E+00	3.36E-04
5	Bow. Valley Cons. 3	685767.2	4863879.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.55E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.54E-04	0.00E+00	3.34E-04
6	ECO 6	679647.8	4859989.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.15E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.28E-04	0.00E+00	3.46E-04
7	ECO 7	681578.8	4862070.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.04E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00	3.40E-04
8	ECO 8	679735.5	4861048.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.40E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.64E-04	0.00E+00	3.52E-04
9	ECO 9	687219.7	4864249.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.28E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04
10	ECO 10	686519.0	4861987.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.57E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.55E-04	0.00E+00	3.34E-04
11	ECO 11	679870.4	4859737.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.15E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.96E-04	0.00E+00	3.41E-04
12	Recreational 4	681575.5	4860557.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.09E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.52E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.05E-04	1.32E-03	5.04E-04	0.00E+00	3.58E-04
13	Future Industrial 9	680704.5	4859857.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.13E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.12E-04	0.00E+00	3.43E-04
14	Future Industrial 10	680608.0	4860719.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.40E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.57E-03	3.30E-04	0.00E+00	6.10E-03	3.30E-04	6.31E-03	0.00E+00	7.10E-04	1.32E-03	5.54E-04	0.00E+00	3.67E-04
15	Harmony Creek	673992.4	4865641.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.44E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04
16	Farewell Creek	678079.2	4868822.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.14E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04
17	Farmer	681378.6	4860335.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.92E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.72E-04	0.00E+00	3.53E-04
18	Watson Farm	682883.4	4864219.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.84E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.75E-04	0.00E+00	3.37E-04
19	Racanski Farm	678929.2	4865530.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.35E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04
20	Zoo	687216.8	4864835.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	1.02E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04
21	Cedar Crest Beach	686652.1	4861660.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.88E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.60E-04	0.00E+00	3.35E-04
22	Darlington Prov Park Beach	677844.6	4859718.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.56E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.71E-04	0.00E+00	3.37E-04
23	OPG 1	682258.1	4860045.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.60E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.77E-04	0.00E+00	3.39E-04
24	OPG 2	682551.4	4859889.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.38E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.00E-04	0.00E+00	3.41E-04
25	OPG 3	682824.6	4859759.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.73E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.73E-04	0.00E+00	3.37E-04
26	OPG 4	683021.6	4859937.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.35E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.83E-04	0.00E+00	3.39E-04
27	OPG 5	683318.2	4859677.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.54E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.70E-04	0.00E+00	3.36E-04
28	OPG 6	683306.9	4860023.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.99E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00	3.38E-04
29	OPG 7	683718.6	4859915.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.84E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.75E-04	0.00E+00	3.37E-04
30	OPG 8	682702.0	4859998.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.36E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.83E-04	0.00E+00	3.39E-04
31	OPG 9	684347.7	4861184.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.36E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+0					

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	TetraIn	Triphenylene	O-terphenyl
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05
54	Bow. Subdivision 9	684777.3	4863330.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.59E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.71E-04	0.00E+00	3.37E-04
55	Bow. Subdivision 10	685266.0	4863243.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.16E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04
56	Osh/Court Subdivision 1	677396.8	4860977.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.56E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.86E-04	0.00E+00	3.39E-04
57	Osh/Court Subdivision 2	676633.5	4860816.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.52E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.70E-04	0.00E+00	3.36E-04
58	Osh/Court Subdivision 3	676916.0	4861925.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.42E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.68E-04	0.00E+00	3.36E-04
59	Osh/Court Subdivision 4	676730.5	4861317.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.29E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00	3.36E-04
60	Osh/Court Subdivision 5	676087.2	4861392.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.11E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00	3.35E-04
61	Osh/Court Subdivision 6	676177.1	4861722.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.35E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00	3.36E-04
62	Osh/Court Subdivision 7	675670.7	4861783.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.79E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04
63	Osh/Court Subdivision 8	676050.8	4862055.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.24E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.81E-04	0.00E+00	3.38E-04
64	Osh/Court Subdivision 9	676636.9	4862134.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.42E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.68E-04	0.00E+00	3.36E-04
65	Osh/Court Subdivision 10	676571.3	4861634.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.13E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04
66	Bow. Subdivision 11	684649.2	4863182.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.73E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.73E-04	0.00E+00	3.37E-04
67	Daycare B	685172.4	4863933.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.48E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.53E-04	0.00E+00	3.34E-04
68	Daycare C	685452.0	4863104.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.11E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00	3.35E-04
69	Daycare D	685527.7	4864693.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.12E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04
70	Daycare E	685735.4	4864790.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.12E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04
71	Daycare F	685520.3	4864854.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.04E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.33E-04
72	Daycare G	685441.9	4864878.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.06E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04
73	Daycare H	686364.8	4864707.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.10E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04
74	Daycare I	685721.6	4865127.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.54E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04
75	Daycare J	678256.3	4863565.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.85E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.23E-04	0.00E+00	3.45E-04
76	Daycare K	677694.1	4864043.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.30E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.46E-04	0.00E+00	3.36E-04
77	Daycare L	676479.5	4862526.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.01E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00	3.38E-04
78	Daycare M	678320.9	4864763.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.69E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.57E-04	0.00E+00	3.34E-04
79	Daycare N	678513.4	4865058.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.74E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04
80	Daycare O	672788.7	4863936.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04
81	Daycare P	673952.8	4863592.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.76E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04
82	Daycare Q	671751.8	4864887.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.37E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04
83	Daycare R	685714.4	4864667.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.19E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04
84	Daycare S	684177.9	4863618.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.95E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.61E-04	0.00E+00	3.35E-04
85	Daycare T	678423.6	4864480.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.02E-06	1.65E-04	3.30E-04	6.60E-03	3.18E												

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthralene	2-methylanthralene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	TetraIn	Triphenylene	O-terphenyl		
					(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05
					1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04	5.91E-03	3.30E-04	6.26E-03	6.88E-04	1.32E-03	3.30E-04							
107	Daycare PP	674794.5	4864915.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	1.01E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04		
108	Hospital	686324.2	4864395.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.26E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04		
109	Hospital (Children)s	676057.8	4862180.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.72E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00	3.40E-04		
110	Hospital	671233.2	4863615.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	1.01E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04		
111	Comm. Resp. Services	676045.4	4863902.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.61E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.71E-04	0.00E+00	3.37E-04		
112	Hospital	671712.7	4862364.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.26E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04		
113	Retirement Residence A	684199.9	4864120.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.72E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.73E-04	0.00E+00	3.37E-04		
114	Retirement Residence B	685483.9	4865150.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.37E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.52E-04	0.00E+00	3.33E-04		
115	Retirement Residence C	686844.0	4864732.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.12E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04		
116	Retirement Residence D	673481.7	4863343.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.42E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.52E-04	0.00E+00	3.34E-04		
117	Retirement Residence E	671825.2	4864399.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.12E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04		
118	Retirement Residence F	671606.3	4864536.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.06E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04		
119	Retirement Residence G	671357.1	4862958.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.08E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04		
120	Retirement Residence H	671514.0	4862262.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.56E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04		
121	Retirement Residence I	672602.2	4863075.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.24E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04		
122	Retirement Residence J	671719.1	4862893.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.62E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04		
123	Retirement Residence K	686718.0	4865648.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	1.00E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04		
124	Retirement Residence L	676168.7	4865669.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.35E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04		
125	Retirement Residence M	676118.5	4863980.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.83E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.75E-04	0.00E+00	3.37E-04		
126	Bow. Subdivision 12	684649.2	4863182.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.73E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.73E-04	0.00E+00	3.37E-04		
127	Primary School B	685384.8	4863575.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.70E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.57E-04	0.00E+00	3.34E-04		
128	Primary School C	685021.6	4863952.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.89E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.60E-04	0.00E+00	3.35E-04		
129	Primary School D	686237.0	4864085.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.40E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.52E-04	0.00E+00	3.33E-04		
130	Primary School E	686719.0	4863734.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.28E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04		
131	Primary School F	686357.0	4864754.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.08E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04		
132	Primary School G	685502.0	4865013.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.05E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.33E-04		
133	Primary School H	686726.7	4866061.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.52E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04		
134	Primary School I	685186.2	4866568.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.43E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.49E-04	0.00E+00	3.36E-04		
135	Primary School J	685965.3	4866979.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.11E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04		
136	Primary School K	677709.9	4864726.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.12E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04		
137	Primary School L	675988.3	4864270.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.51E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3									



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthralene	2-methylanthralene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	TetraIn	Triphenylene	O-terphenyl
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05
160	Primary School II	672616.7	4862114.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	1.02E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04
161	Primary School JJ	673567.2	4861899.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.63E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.56E-04	0.00E+00	3.34E-04
162	Primary School KK	671791.0	4861954.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.08E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04
163	Primary School LL	673762.3	4864210.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.25E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04
164	Primary School MM	672238.8	4864621.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.11E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04
165	Primary School NN	673213.6	4858677.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.23E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04
166	Primary School OO	675474.8	4863221.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.12E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.80E-04	0.00E+00	3.38E-04
167	Primary School PP	672441.8	4858748.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.20E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04
168	Primary School QQ	672796.8	4864438.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.23E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04
169	Primary School RR	671351.4	4863284.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	7.92E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.42E-04	0.00E+00	3.32E-04
170	Primary School SS	673213.9	4862125.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.36E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04
171	Primary School TT	671017.9	4860953.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	5.86E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.39E-04	0.00E+00	3.31E-04
172	Primary School UU	670991.0	4861089.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	6.67E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.40E-04	0.00E+00	3.32E-04
173	Primary School VV	674150.1	4862294.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.50E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.54E-04	0.00E+00	3.34E-04
174	Primary School WW	672005.2	4861707.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.85E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04
175	Primary School XX	684172.1	4863615.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.97E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.61E-04	0.00E+00	3.35E-04
176	Primary School YY	683923.3	4866636.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.07E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04
177	Primary School ZZ	680446.0	4865770.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.65E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.56E-04	0.00E+00	3.34E-04
178	Vacant School	685612.9	4864520.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04
179	Secondary School A	686291.4	4865064.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.05E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04
180	Secondary School B	683875.0	4864741.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.96E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.61E-04	0.00E+00	3.35E-04
181	Secondary School C	684650.3	4866460.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.34E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04
182	Secondary School D	678099.5	4864838.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.47E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.53E-04	0.00E+00	3.34E-04
183	Secondary School E	678467.0	4863431.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.39E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.16E-04	0.00E+00	3.44E-04
184	Secondary School F	674144.9	4862762.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.92E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.60E-04	0.00E+00	3.35E-04
185	Secondary School G	673816.0	4864357.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.78E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04
186	Secondary School H	673145.4	4858569.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	1.01E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04
187	Secondary School I	671291.7	4863581.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.96E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04
188	Secondary School J	671443.2	4861664.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.28E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04
189	Secondary School K	673235.3	4860885.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.08E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04
190	Secondary School L	684252.7	4866500.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.38E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.52E-04	0.00E+00	3.33E-04
191	Secondary School M	673914.1	4859551.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03											

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	TetraIn	Triphenylene	O-terphenyl
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05
		(m)	(m)		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03		1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04		5.91E-03	3.30E-04	6.26E-03		6.88E-04	1.32E-03	3.30E-04		3.30E-04
213	Port Darlington 5	686406.8	4861448.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.49E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.54E-04	0.00E+00	3.34E-04
214	Port Darlington 6	686504.5	4861604.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.57E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.55E-04	0.00E+00	3.34E-04
215	Port Darlington 7	686703.0	4861789.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.76E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04
216	Port Darlington 8	686895.8	4861960.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.35E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04
217	Port Darlington 9	686867.4	4862119.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.14E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04
218	Port Darlington 10	687190.7	4862048.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.25E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04
219	Port Darlington 11	687524.4	4862126.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.36E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04
220	Campground 1	678646.3	4860337.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.11E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.95E-04	0.00E+00	3.41E-04
221	Campground 2	678410.2	4860148.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.65E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00	3.39E-04
222	Campground 3	678651.0	4860054.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.49E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.01E-04	0.00E+00	3.42E-04
223	Campground 4	678725.9	4859860.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.25E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.97E-04	0.00E+00	3.41E-04
224	Campground 5	678511.1	4859808.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.06E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.95E-04	0.00E+00	3.40E-04
225	Campground 6	678869.5	4859696.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.29E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.98E-04	0.00E+00	3.41E-04
226	Campground 7	678723.9	4860201.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.12E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.95E-04	0.00E+00	3.41E-04
227	Campground 8	678796.0	4860011.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.78E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.06E-04	0.00E+00	3.42E-04
228	Campground 9	678852.7	4859854.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.62E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.03E-04	0.00E+00	3.42E-04
229	Solina 1	681099.6	4861677.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.25E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.13E-04	0.00E+00	3.44E-04
230	Solina 2	681115.7	4861857.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.19E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.28E-04	0.00E+00	3.46E-04
231	Solina 3	680987.4	4861983.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.00E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00	3.40E-04
232	Solina 4	680965.0	4862068.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.97E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.93E-04	0.00E+00	3.40E-04
233	Solina 5	681021.5	4862086.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.65E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00	3.39E-04
234	Solina 6	680939.8	4862124.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.02E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00	3.40E-04
235	Solina 7	680988.2	4862183.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.68E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00	3.39E-04
236	Solina 8	680984.6	4862209.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.67E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00	3.39E-04
237	Solina 9	680958.6	4862294.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.58E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00	3.39E-04
238	Solina 10	680858.0	4862324.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.75E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.90E-04	0.00E+00	3.40E-04
239	Solina 11	680990.3	4862403.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.70E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00	3.39E-04
240	Recreational 1	681545.0	4860865.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.29E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.14E-04	0.00E+00	3.44E-04
241	Recreational 2	681563.7	4860687.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.20E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.76E-04	0.00E+00	3.54E-04
242	Recreational 3	681579.7	4860610.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.05E-05	1.67E-04	3.30E-04	6.60E-03	3.21E-03	5.51E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.05E-04	1.32E-03	4.97E-04	0.00E+00	3.57E-04
243	Recreational 6	681876.6	4860254.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.70E-06	1.67E-04	3.30E-04	6.60E-03	3.19E-03	5.45E-03	3.30E-04	0.00E+00	6								

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthralene	2-methylanthralene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	TetraIn	Triphenylene	O-terphenyl
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05
					1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03		1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04		5.91E-03	3.30E-04	6.26E-03		6.88E-04	1.32E-03	3.30E-04		3.30E-04
266	Future Industrial 8	680398.0	4860731.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.52E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.50E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.81E-04	0.00E+00	3.55E-04
267	Future Industrial 1	680359.6	4859959.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.76E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.69E-04	0.00E+00	3.53E-04
268	Future Industrial 2	680083.7	4859985.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.77E-06	1.67E-04	3.30E-04	6.60E-03	3.19E-03	5.45E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.38E-04	0.00E+00	3.48E-04
269	Future Industrial 3	680819.9	4860705.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.00E-05	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.50E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.04E-04	1.32E-03	4.90E-04	0.00E+00	3.56E-04
270	Future Industrial 4	681070.0	4859937.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.61E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.51E-04	0.00E+00	3.50E-04
271	Future Industrial 5	679898.8	4860067.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.68E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.52E-04	0.00E+00	3.50E-04
272	Future Industrial 6	680134.8	4860694.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.08E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.52E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.05E-04	1.32E-03	5.02E-04	0.00E+00	3.58E-04
273	Future Industrial 11	680253.7	4860255.2		1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.75E-05	1.69E-04	3.30E-04	6.60E-03	3.23E-03	5.53E-03	3.30E-04	0.00E+00	6.15E-03	3.31E-04	6.32E-03	0.00E+00	7.16E-04	1.32E-03	6.08E-04	0.00E+00	3.75E-04
274	Future Industrial 12	679901.2	4860511.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.48E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.65E-04	0.00E+00	3.52E-04
275	Commercial Farmer	679867.8	4860445.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.50E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.50E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.81E-04	0.00E+00	3.55E-04
276	Farmer	679277.0	4859981.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.89E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.24E-04	0.00E+00	3.45E-04
277	Residence	679387.2	4860648.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.50E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.01E-04	0.00E+00	3.42E-04
278	Barn	679261.9	4860574.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.30E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.98E-04	0.00E+00	3.41E-04
279	Residence	680150.7	4861295.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.52E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.34E-04	0.00E+00	3.47E-04
280	Residence	679939.8	4861213.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.28E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.30E-04	0.00E+00	3.46E-04
281	Farmer	680855.7	4861456.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.07E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.45E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.42E-04	0.00E+00	3.48E-04
282	Farmer	681386.2	4861673.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.41E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.16E-04	0.00E+00	3.44E-04
283	Residence	680683.5	4861597.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.83E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.23E-04	0.00E+00	3.45E-04
284	Business	680064.3	4861343.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.63E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.45E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.99E-04	1.32E-03	4.35E-04	0.00E+00	3.47E-04
285	Farmer	679680.1	4861213.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.63E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.45E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.99E-04	1.32E-03	4.35E-04	0.00E+00	3.47E-04
286	Farmer	681344.8	4861792.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.80E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.90E-04	0.00E+00	3.40E-04
287	Youth Centre	685644.2	4864814.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.11E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04
288	Bowmanville Arena	685462.9	4864615.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.20E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04
289	Bowmanville Rec Complex	684160.3	4864604.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.63E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.56E-04	0.00E+00	3.34E-04
290	Recreation Complex	684586.6	4862406.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.84E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04
291	Superdog Central	681487.7	4865723.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.65E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.56E-04	0.00E+00	3.34E-04
292	Equestrian Centre	681567.1	4863670.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.42E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.00E-04	0.00E+00	3.41E-04
293	Flea Market	678574.6	4862819.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.96E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00	3.38E-04
294	Equestrian Centre	680030.8	4867320.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.57E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04
295	Courtice Community Complex	678099.3	4864629.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.53E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.54E-04	0.00E+00	3.34E-04
296	Former Restaurant	679830.2	4860702.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.32E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03						

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthralene	2-methylanthralene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	TetraIn	Triphenylene	O-terphenyl
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05
319	Soper 7	685683.2	4867148.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.28E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04
320	Soper 8	686748.7	4865874.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.78E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04
321	Bowmanville 1	687026.3	4862368.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.11E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04
322	Bowmanville 2	686625.7	4863020.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.64E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.56E-04	0.00E+00	3.34E-04
323	Bowmanville 3	683380.3	4865365.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.54E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.54E-04	0.00E+00	3.34E-04
324	Bowmanville 4	683111.4	4867150.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04
325	Bowmanville 5	682452.2	4869417.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.25E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04
326	Bowmanville 6	684778.5	4864888.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.36E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04
327	Bowmanville 7	684549.5	4866404.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.27E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04
328	Upper Tooley 1	679944.8	4864883.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.77E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04
329	Upper Tooley 2	679055.1	4863885.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.60E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.03E-04	0.00E+00	3.42E-04
330	Upper Tooley 3	679714.0	4862767.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.25E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.82E-04	0.00E+00	3.38E-04
331	Upper Tooley 4	678898.8	4861800.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.72E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.05E-04	0.00E+00	3.42E-04
332	Upper Tooley 5	680353.5	4862156.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.35E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.15E-04	0.00E+00	3.44E-04
333	Upper Tooley 6	679818.1	4861625.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.04E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.10E-04	0.00E+00	3.43E-04
334	Robinson 1	678434.8	4860943.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.58E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.03E-04	0.00E+00	3.42E-04
335	Robinson 2	677752.6	4861240.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.03E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00	3.40E-04
336	Robinson 3	677642.2	4861787.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.98E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00	3.38E-04
337	Robinson 4	678532.7	4862143.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.40E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.00E-04	0.00E+00	3.41E-04
338	Robinson 5	678005.1	4862784.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.52E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.70E-04	0.00E+00	3.36E-04
339	Robinson 6	677882.7	4860587.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.30E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.82E-04	0.00E+00	3.38E-04
340	F/B 1	677443.1	4867862.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.20E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04
341	F/B 2	679667.4	4866611.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04
342	F/B 3	678655.0	4867470.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.48E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04
343	F/B 4	676191.2	4866844.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.57E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04
344	F/B 5	678273.3	4866093.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.79E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04
345	F/B 6	681241.2	4867098.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.29E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04
346	F/B 7	682165.3	4868082.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.21E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04
347	F/B 8	679366.6	4868628.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.16E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04
348	F/B 9	680310.1	4869967.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.47E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04
349	F/B 10	676487.3	4869291.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.67E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04
350	F/B 11	676851.4	4865409.3		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.07E-06	1.65E-04	3.30E-04	6.60E-03</													



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylphthalene	2-methylphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)																				
372	Westside 1	686082.6	4862776.6		5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05	0.00E+00	3.38E-06
373	Westside 2	685778.7	4862137.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.05E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00	3.35E-04
374	Westside 3	685084.2	4862827.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.71E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.57E-04	0.00E+00	3.34E-04
375	Darlington 1	680977.5	4865674.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.78E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04
376	Darlington 2	680913.9	4863967.1		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.54E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.70E-04	0.00E+00	3.36E-04
377	Darlington 3	682602.8	4863659.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.67E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.72E-04	0.00E+00	3.37E-04
378	Darlington 4	682206.4	4862910.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.51E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.86E-04	0.00E+00	3.39E-04
379	Darlington 5	683223.2	4861114.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.35E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00	3.36E-04
380	Darlington 6	683947.7	4862362.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.27E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00	3.36E-04
381	Darlington 7	685361.9	4861143.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.98E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.61E-04	0.00E+00	3.35E-04
382	Bennett ECO/HH	688606.4	4862634.8		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.05E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.33E-04
383	Oshawa ECO/HH	673884.9	4859128.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.63E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.56E-04	0.00E+00	3.34E-04
384	Oshawa Creek 1	671671.2	4862793.7		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.76E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04
385	Oshawa Creek 2	671668.5	4861589.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.40E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04
386	Oshawa Creek 3	672820.2	4861287.2		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	8.74E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04
387	Oshawa Creek 4	672360.3	4860262.6		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.46E-03	9.72E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04
388	Oshawa Creek 5	673921.2	4860115.0		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.25E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04
389	Oshawa Creek 6	673154.0	4859421.9		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.08E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04
390	Farmer	677409.8	4861051.4		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.63E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00	3.39E-04
391	Commercial Market	688276.3	4864698.5		1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.10E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	M-terphenyl (g/s)	P-terphenyl (g/s)	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromofor	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	
								2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00
								4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05	
1	Campground 10	678526.8	4859996.8	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	
2	ECO 2	675490.4	4860360.1	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
3	Recreational 5	681642.0	4860349.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.25E-03	3.13	0.05	
4	ECO 4	676831.5	4859840.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
5	Bow. Valley Cons. 3	685767.2	4863879.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
6	ECO 6	679647.8	4859989.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05	
7	ECO 7	681578.8	4862070.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	
8	ECO 8	679735.5	4861048.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	
9	ECO 9	687219.7	4864249.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
10	ECO 10	686519.0	4861987.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	
11	ECO 11	679870.4	4859737.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05	
12	Recreational 4	681575.5	4860557.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.28E-03	3.14	0.05	
13	Future Industrial 9	680704.5	4859857.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	
14	Future Industrial 10	680608.0	4860719.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.16	0.10	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.91	0.16	0.02	6.34E-03	3.16	0.05	
15	Harmony Creek	673992.4	4865641.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	
16	Farewell Creek	678079.2	4868822.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	
17	Farmer	681378.6	4860335.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.25E-03	3.13	0.05	
18	Watson Farm	682883.4	4864219.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	
19	Racanski Farm	678929.2	4865530.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
20	Zoo	687216.8	4864835.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
21	Cedar Crest Beach	686652.1	4861660.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	
22	Darlington Prov Park Beach	677844.6	4859718.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
23	OPG 1	682258.1	4860045.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	
24	OPG 2	682551.4	4859889.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.10	0.05	
25	OPG 3	682824.6	4859759.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	
26	OPG 4	683021.6	4859937.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	
27	OPG 5	683318.2	4859677.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
28	OPG 6	683306.9	4860023.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	
29	OPG 7	683718.6	4859915.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	
30	OPG 8	682702.0	4859998.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	
31	OPG 9	684347.7	4861184.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
32	OPG 10	682157.2	4861228.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	
33	St. Mary's 1	684557.0	4861070.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	
34	St. Mary's 2	684657.3	4861320.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
35	St. Mary's 3	684905.3	4861154.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
36	Court. Subdivision 1	677328.4	4862976.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
37	Court. Subdivision 2	676187.9	4862611.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	
38	Court. Subdivision 3	675974.8	4863484.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	
39	Court. Subdivision 4	676606.1	4863214.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	
40	Court. Subdivision 5	676827.1	4863591.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07															

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	M- terphenyl	P- terphenyl	Volatile Organic Chemicals (VOC)	Acetalde	Acetone	Acrolein	Benzene	Bromodic	Bromofo	Bromome	Butadien	Butanone	Carbon	Chlorofo	Cumene	Dibromoc	Dichlorod	Dichloroe	Dichloroe	Dichloroe	Dichloro	Dichlorop
								hyde				loromet	rom	thane	e, 1,3 -	, 2 -	tetrachlor	rom	loromet	fluorome	thane, 1,2	thane, trans -	thane, 1,1	methane	ropane,	
				Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00
				Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05
54	Bow. Subdivision 9	684777.3	4863330.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
55	Bow. Subdivision 10	685266.0	4863243.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
56	Osh/Court Subdivision 1	677396.8	4860977.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
57	Osh/Court Subdivision 2	676633.5	4860816.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
58	Osh/Court Subdivision 3	676916.0	4861925.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
59	Osh/Court Subdivision 4	676730.5	4861317.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
60	Osh/Court Subdivision 5	676087.2	4861392.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
61	Osh/Court Subdivision 6	676177.1	4861722.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
62	Osh/Court Subdivision 7	675670.7	4861783.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
63	Osh/Court Subdivision 8	676050.8	4862055.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
64	Osh/Court Subdivision 9	676636.9	4862134.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
65	Osh/Court Subdivision 10	676571.3	4861634.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
66	Bow. Subdivision 11	684649.2	4863182.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
67	Daycare B	685172.4	4863933.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
68	Daycare C	685452.0	4863104.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
69	Daycare D	685527.7	4864693.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
70	Daycare E	685735.4	4864790.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
71	Daycare F	685520.3	4864854.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
72	Daycare G	685441.9	4864878.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
73	Daycare H	686364.8	4864707.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
74	Daycare I	685721.6	4865127.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
75	Daycare J	678256.3	4863565.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05
76	Daycare K	677694.1	4864043.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
77	Daycare L	676479.5	4862526.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
78	Daycare M	678320.9	4864763.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
79	Daycare N	678513.4	4865058.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
80	Daycare O	672788.7	4863936.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
81	Daycare P	673952.8	4863592.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
82	Daycare Q	671751.8	4864887.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
83	Daycare R	685714.4	4864667.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
84	Daycare S	684177.9	4863618.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
85	Daycare T	678423.6	4864480.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
86	Daycare U	685330.5	4863435.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
87	Daycare V	685153.2	4863236.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
88	Daycare W	672679.0	4862044.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
89	Daycare X	672076.5	4865285.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
90	Daycare Y	672638.0	4859664.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
91	Daycare Z	673735.9	4858958.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
92	Daycare AA	673121.8	4863385.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
93	Daycare BB	673904.8	4862282.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
94	Daycare CC	671471.6	4861795.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
95	Daycare DD	673057.3	4862625.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
96	Daycare EE	674917.1	4863957.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
97	Daycare FF	671356.6																								

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	M-terphenyl (g/s)	P-terphenyl (g/s)	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoforom	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethene, 1,1-	Dichloromethane	Dichloropropane, 1,2-
								2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00
				Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
				Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
107	Daycare PP	674794.5	4864915.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
108	Hospital	686324.2	4864395.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
109	Hospital (Children s)	676057.8	4862180.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
110	Hospital	671233.2	4863615.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
111	Comm. Resp. Services	676045.4	4863902.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
112	Hospital	671712.7	4862364.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
113	Retirement Residence A	684199.9	4864120.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
114	Retirement Residence B	685483.9	4865150.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
115	Retirement Residence C	686844.0	4864732.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
116	Retirement Residence D	673481.7	4863343.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
117	Retirement Residence E	671825.2	4864399.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
118	Retirement Residence F	671606.3	4864536.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
119	Retirement Residence G	671357.1	4862958.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
120	Retirement Residence H	671514.0	4862262.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
121	Retirement Residence I	672602.2	4863075.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
122	Retirement Residence J	671719.1	4862893.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
123	Retirement Residence K	686718.0	4865648.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
124	Retirement Residence L	676168.7	4865669.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
125	Retirement Residence M	676118.5	4863980.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
126	Bow. Subdivision 12	684649.2	4863182.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
127	Primary School B	685384.8	4863575.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
128	Primary School C	685021.6	4863952.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
129	Primary School D	686237.0	4864085.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
130	Primary School E	686719.0	4863734.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
131	Primary School F	686357.0	4864754.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
132	Primary School G	685502.0	4865013.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
133	Primary School H	686726.7	4866061.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
134	Primary School I	685186.2	4866568.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
135	Primary School J	685965.3	4866979.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
136	Primary School K	677709.9	4864726.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
137	Primary School L	675988.3	4864270.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
138	Primary School M	676608.7	4862739.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
139	Primary School N	677222.2	4863759.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
140	Primary School O	678154.9	4863872.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
141	Court. Subdivision 12	678309.6	4863600.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05
142	Primary School Q	677010.6	4862470.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
143	Primary School R	677431.3	4866694.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
144	Primary School S	675266.2	4863562.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
145	Primary School T	673479.2	4860029.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
146	Primary School U	670856.0	4860710.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
147	Primary School V	672660.2	4863909.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
148	Primary School W	672735.2	4859232.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
149	Primary School X	673575.8	4862688.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06														



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	M-terphenyl (g/s)	P-terphenyl (g/s)	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoforom	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-
								2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00
Background Concentration (ug/m3)								4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05
160	Primary School II	672616.7	4862114.9	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
161	Primary School JJ	673567.2	4861899.5	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
162	Primary School KK	671791.0	4861954.2	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
163	Primary School LL	673762.3	4864210.6	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
164	Primary School MM	672238.8	4864621.3	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
165	Primary School NN	673213.6	4858677.0	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
166	Primary School OO	675474.8	4863221.7	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
167	Primary School PP	672441.8	4858748.6	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
168	Primary School QQ	672796.8	4864438.2	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
169	Primary School RR	671351.4	4863284.0	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
170	Primary School SS	673213.9	4862125.5	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
171	Primary School TT	671017.9	4860953.7	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
172	Primary School UU	670991.0	4861089.8	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
173	Primary School VV	674150.1	4862294.8	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
174	Primary School WW	672005.2	4861707.9	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
175	Primary School XX	684172.1	4863615.6	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
176	Primary School YY	683923.3	4866636.4	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
177	Primary School ZZ	680446.0	4865770.5	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
178	Vacant School	685612.9	4864520.0	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
179	Secondary School A	686291.4	4865064.3	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
180	Secondary School B	683875.0	4864741.7	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
181	Secondary School C	684650.3	4866460.3	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
182	Secondary School D	678099.5	4864838.2	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
183	Secondary School E	678467.0	4863431.2	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05
184	Secondary School F	674144.9	4862762.7	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
185	Secondary School G	673816.0	4864357.1	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
186	Secondary School H	673145.4	4858569.0	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
187	Secondary School I	671291.7	4863581.3	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
188	Secondary School J	671443.2	4861664.9	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
189	Secondary School K	673235.3	4860885.0	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
190	Secondary School L	684252.7	4866500.5	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
191	Secondary School M	673914.1	4859551.7	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
192	Secondary School N	675051.5	4864177.2	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
193	Adult School	685276.1	4866019.8	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
194	Bow. Valley Cons. 1	685356.6	4864521.2	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
195	Bow. Valley Cons. 2	685627.7	4864167.8	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
196	Bow. Valley Cons. 4	685852.7	4863640.2	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
197	Bow. Valley Cons. 5	686163.1	4863621.5	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
198	Bow. Valley Cons. 6	685931.9	4863380.6	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
199	Maple Grove 1	681688.5	4864717.0	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
200	Maple Grove 2	681768.9	4864631.8	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
201	Maple Grove 3	681894.9	4864506.8	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
202	Maple Grove 4																									

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	M-terphenyl (g/s)	P-terphenyl (g/s)	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoforom	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethene, 1,1-	Dichloromethane	Dichloropropane, 1,2-
								2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-05
Background Concentration (ug/m3)								4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05
213	Port Darlington 5	686406.8	4861448.7	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
214	Port Darlington 6	686504.5	4861604.0	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
215	Port Darlington 7	686703.0	4861789.3	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
216	Port Darlington 8	686895.8	4861960.2	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
217	Port Darlington 9	686867.4	4862119.7	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
218	Port Darlington 10	687190.7	4862048.8	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
219	Port Darlington 11	687524.4	4862126.8	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
220	Campground 1	678646.3	4860337.7	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05
221	Campground 2	678410.2	4860148.6	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
222	Campground 3	678651.0	4860054.4	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05
223	Campground 4	678725.9	4859860.7	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05
224	Campground 5	678511.1	4859808.6	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05
225	Campground 6	678869.5	4859696.0	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05
226	Campground 7	678723.9	4860201.8	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05
227	Campground 8	678796.0	4860011.4	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05
228	Campground 9	678852.7	4859854.2	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05
229	Solina 1	681099.6	4861677.2	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05
230	Solina 2	681115.7	4861857.7	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05
231	Solina 3	680987.4	4861983.5	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05
232	Solina 4	680965.0	4862068.1	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05
233	Solina 5	681021.5	4862086.7	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
234	Solina 6	680939.8	4862124.3	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05
235	Solina 7	680988.2	4862183.6	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
236	Solina 8	680984.6	4862209.8	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
237	Solina 9	680958.6	4862294.9	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
238	Solina 10	680858.0	4862324.3	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
239	Solina 11	680990.3	4862403.5	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
240	Recreational 1	681545.0	4860865.0	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05
241	Recreational 2	681563.7	4860687.4	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.25E-03	3.13	0.05
242	Recreational 3	681579.7	4860610.0	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.09	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.28E-03	3.14	0.05
243	Recreational 6	681876.6	4860254.4	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05
244	Recreational 7	682166.9	4860324.4	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05
245	Darlington 1	679565.4	4861052.9	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.12	0.05
246	Darlington 2	679452.9	4861051.4	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05
247	Darlington 3	679130.5	4860948.8	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05
248	Darlington 4	679112.6	4860941.9	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05
249	Darlington 5	679057.6	4860994.1	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.13	0.05
250	Darlington 6	679075.2	4860931.6	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.12	0.05
251	Darlington 7	678814.3	4860843.1	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05
252	Darlington 8	678840.4	4860777.1	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05
253	Light Ind. 1	680000.1	4861034.1	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05
254	Light Ind. 2	680060.7	4861056.4	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05
255	Light Ind																									

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	M- terphenyl	P- terphenyl	Volatile Organic Chemicals (VOC)	Acetalde	Acetone	Acrolein	Benzene	Bromodic	Bromofor	Bromome	Butadien	Butanone	Carbon	Chlorofor	Cumene	Dibromoc	Dichlorod	Dichloroe	Dichloroe	Dichloroe	Dichloro	Dichlorop
								hyde				loromet	m	thane	e, 1,3 -	, 2 -	tetrachlor	m	loromet	fluorome	thane, 1,2	thane, trans -	thane, 1,1	methane	ropane,	
								g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s	g/s
				Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00
				Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05
266	Future Industrial 8	680398.0	4860731.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.26E-03	3.13	0.05
267	Future Industrial 1	680359.6	4859959.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.25E-03	3.13	0.05
268	Future Industrial 2	680083.7	4859985.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05
269	Future Industrial 3	680819.9	4860705.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.09	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.27E-03	3.14	0.05
270	Future Industrial 4	681070.0	4859937.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05
271	Future Industrial 5	679898.8	4860067.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.23E-03	3.12	0.05
272	Future Industrial 6	680134.8	4860694.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.28E-03	3.14	0.05
273	Future Industrial 11	680253.7	4860255.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.83	0.19	0.11	0.24	0.48	10.01	1.81	0.55	0.17	0.02	7.92	0.16	0.02	6.40E-03	3.18	0.05
274	Future Industrial 12	679901.2	4860511.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05
275	Commercial Farmer	679867.8	4860445.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.26E-03	3.13	0.05
276	Farmer	679277.0	4859981.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05
277	Residence	679387.2	4860648.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05
278	Barn	679261.9	4860574.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05
279	Residence	680150.7	4861295.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05
280	Residence	679939.8	4861213.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05
281	Farmer	680855.7	4861456.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05
282	Farmer	681386.2	4861673.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05
283	Residence	680683.5	4861597.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05
284	Business	680064.3	4861343.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05
285	Farmer	679680.1	4861213.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05
286	Farmer	681344.8	4861792.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05
287	Youth Centre	685644.2	4864814.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
288	Bowmanville Arena	685462.9	4864615.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
289	Bowmanville Rec Complex	684160.3	4864604.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
290	Recreation Complex	684586.6	4862406.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
291	Superdog Central	681487.7	4865723.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
292	Equestrian Centre	681567.1	4863670.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.10	0.05
293	Flea Market	678574.6	4862819.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
294	Equestrian Centre	680030.8	4867320.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
295	Courtice Community Complex	678099.3	4864629.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
296	Former Restaurant	679830.2	4860702.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05
297	Commercial	679364.8	4861016.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05
298	GM Oshawa Headquarters	676418.3	4860463.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
299	Farm A?	682972.3	4862201.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
300	Farm B?	683546.9	4861959.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
301	Farm C?	682547.5	4862321.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
302	Farm D?	683238.3	4862393.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
303	Farm E?	682512.6	4862858.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
304	Farm F?	68312																								

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	M-terphenyl (g/s)	P-terphenyl (g/s)	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoforom	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	
								2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00
								4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.09E-03	3.08	0.05	
319	Soper 7	685683.2	4867148.1	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
320	Soper 8	686748.7	4865874.7	Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	
321	Bowmanville 1	687026.3	4862368.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
322	Bowmanville 2	686625.7	4863020.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	
323	Bowmanville 3	683380.3	4865365.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
324	Bowmanville 4	683111.4	4867150.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
325	Bowmanville 5	682452.2	4869417.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	
326	Bowmanville 6	684778.5	4864888.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
327	Bowmanville 7	684549.5	4866404.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
328	Upper Tooley 1	679944.8	4864883.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	
329	Upper Tooley 2	679055.1	4863885.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	
330	Upper Tooley 3	679714.0	4862767.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	
331	Upper Tooley 4	678898.8	4861800.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	
332	Upper Tooley 5	680353.5	4862156.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	
333	Upper Tooley 6	679818.1	4861625.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	
334	Robinson 1	678434.8	4860943.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	
335	Robinson 2	677752.6	4861240.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	
336	Robinson 3	677642.2	4861787.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	
337	Robinson 4	678532.7	4862143.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.10	0.05	
338	Robinson 5	678005.1	4862784.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
339	Robinson 6	677882.7	4860587.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	
340	F/B 1	677443.1	4867862.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
341	F/B 2	679667.4	4866611.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
342	F/B 3	678655.0	4867470.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	
343	F/B 4	676191.2	4866844.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	
344	F/B 5	678273.3	4866093.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	
345	F/B 6	681241.2	4867098.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
346	F/B 7	682165.3	4868082.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
347	F/B 8	679366.6	4868628.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
348	F/B 9	680310.1	4869967.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	
349	F/B 10	676487.3	4869291.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	
350	F/B 11	676851.4	4865409.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	
351	F/B 12	681153.3	4868682.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	
352	F/B 13	675416.3	4859833.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	
353	Second 1	675153.4	4860552.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
354	Second 2	675297.5	4860891.3		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
355	Second 3	675647.2	4860644.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.09	0.05	
356	Second 4	675670.5	4860076.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	
357	Second 5	676043.3	4860319.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	
358	Second 6	675923.4	4859821.4		3.30E-04	3.30E-04		4.29	11.43																		



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	M-	P-	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromofor	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	
		(m)	(m)		terphenyl	terphenyl		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03
				Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00																				
				Background Concentration (ug/m3)	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05
372	Westside 1	686082.6	4862776.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
373	Westside 2	685778.7	4862137.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
374	Westside 3	685084.2	4862827.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
375	Darlington 1	680977.5	4865674.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
376	Darlington 2	680913.9	4863967.1		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
377	Darlington 3	682602.8	4863659.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05
378	Darlington 4	682206.4	4862910.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
379	Darlington 5	683223.2	4861114.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
380	Darlington 6	683947.7	4862362.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05
381	Darlington 7	685361.9	4861143.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
382	Bennett ECO/HH	688606.4	4862634.8		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
383	Oshawa ECO/HH	673884.9	4859128.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05
384	Oshawa Creek 1	671671.2	4862793.7		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
385	Oshawa Creek 2	671668.5	4861589.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
386	Oshawa Creek 3	672820.2	4861287.2		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05
387	Oshawa Creek 4	672360.3	4860262.6		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05
388	Oshawa Creek 5	673921.2	4860115.0		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
389	Oshawa Creek 6	673154.0	4859421.9		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05
390	Farmer	677409.8	4861051.4		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05
391	Commercial Market	688276.3	4864698.5		3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97		0.01	11.75
1	Campground 10	678526.8	4859996.8		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
2	ECO 2	675490.4	4860360.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
3	Recreational 5	681642.0	4860349.3		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.92		0.00E+00	0.00E+00
4	ECO 4	676831.5	4859840.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
6	ECO 6	679647.8	4859989.3		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
7	ECO 7	681578.8	4862070.1		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
8	ECO 8	679735.5	4861048.6		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91		0.00E+00	0.00E+00
9	ECO 9	687219.7	4864249.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
10	ECO 10	686519.0	4861987.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
11	ECO 11	679870.4	4859737.9		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
12	Recreational 4	681575.5	4860557.7		3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.96		0.00E+00	0.00E+00
13	Future Industrial 9	680704.5	4859857.8		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
14	Future Industrial 10	680608.0	4860719.6		3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.02		0.00E+00	0.00E+00
15	Harmony Creek	673992.4	4865641.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
16	Farewell Creek	678079.2	4868822.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
17	Farmer	681378.6	4860335.0		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.92		0.00E+00	0.00E+00
18	Watson Farm	682883.4	4864219.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
19	Racanski Farm	678929.2	4865530.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
20	Zoo	687216.8	4864835.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
23	OPG 1	682258.1	4860045.0		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
24	OPG 2	682551.4	4859889.1		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
25	OPG 3	682824.6	4859759.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
26	OPG 4	683021.6	4859937.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
27	OPG 5	683318.2	4859677.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
28	OPG 6	683306.9	4860023.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
29	OPG 7	683718.6	4859915.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
30	OPG 8	682702.0	4859998.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
31	OPG 9	684347.7	4861184.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
32	OPG 10	682157.2	4861228.2		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
33	St. Mary's 1	684557.0	4861070.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
34	St. Mary's 2	684657.3	4861320.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
35	St. Mary's 3	684905.3	4861154.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
36	Court. Subdivision 1	677328.4	4862976.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
37	Court. Subdivision 2	676187.9	4862611.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
38	Court. Subdivision 3	675974.8	4863484.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
39	Court. Subdivision 4	676606.1	4863214.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
40	Court. Subdivision 5	676827.1	4863591.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
41	Court. Subdivision 6	677200.4	4864074.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
42	Court. Subdivision 7	677719.8	4863625.1		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
43	Court. Subdivision 8	678271.6	4864200.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
44	Court. Subdivision 9	678184.4	4863373.6		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
45	Court. Subdivision 10	677179.7	4862499.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
46	Bow. Subdivision 1	683536.7	4864215.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
47	Bow. Subdivision 2	683770.0	4863915.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
48	Bow. Subdivision 3	683671.0	4863534.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
49	Bow. Subdivision 4	684501.9	4863847.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
50	Bow. Subdivision 5	684242.9	4863518.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
51	Bow. Subdivision 6	684271.4	4863201.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
52	Bow. Subdivision 7	683992.6	4862628.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
53	Bow. Subdivision 8	684608.2	4862956.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97		0.01	11.75
54	Bow. Subdivision 9	684777.3	4863330.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
55	Bow. Subdivision 10	685266.0	4863243.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
67	Daycare B	685172.4	4863933.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
68	Daycare C	685452.0	4863104.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
69	Daycare D	685527.7	4864693.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
70	Daycare E	685735.4	4864790.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
71	Daycare F	685520.3	4864854.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
72	Daycare G	685441.9	4864878.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
73	Daycare H	686364.8	4864707.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
74	Daycare I	685721.6	4865127.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
75	Daycare J	678256.3	4863565.4		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
76	Daycare K	677694.1	4864043.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
77	Daycare L	676479.5	4862526.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
78	Daycare M	678320.9	4864763.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
79	Daycare N	678513.4	4865058.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
80	Daycare O	672788.7	4863936.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
81	Daycare P	673952.8	4863592.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
82	Daycare Q	671751.8	4864887.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
83	Daycare R	685714.4	4864667.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
84	Daycare S	684177.9	4863618.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
85	Daycare T	678423.6	4864480.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
86	Daycare U	685330.5	4863435.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
87	Daycare V	685153.2	4863236.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
88	Daycare W	672679.0	4862044.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
89	Daycare X	672076.5	4865285.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
90	Daycare Y	672638.0	4859664.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
91	Daycare Z	673735.9	4858958.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
92	Daycare AA	673121.8	4863385.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
93	Daycare BB	673904.8	4862282.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
94	Daycare CC	671471.6	4861795.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
95	Daycare DD	673057.3	4862625.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
96	Daycare EE	674917.1	4863957.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
97	Daycare FF	671356.6	4862954.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
98	Daycare GG	671675.5	4862705.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
99	Daycare HH	671604.8	4860138.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
100	Daycare II	670945.2	4857983.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
101	Daycare JJ	677514.6	4864744.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
102	Daycare KK	676519.9	4862680.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
103	Daycare LL	677660.6	4863601.3		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
104	Court. Subdivision 11	677665.8	4863406.6		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
105	Daycare NN	674866.3	4864667.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
106	Daycare OO	673201.0	4864746.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97		0.01	11.75
107	Daycare PP	674794.5	4864915.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
108	Hospital	686324.2	4864395.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
109	Hospital (Children s)	676057.8	4862180.9		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
110	Hospital	671233.2	4863615.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
111	Comm. Resp. Services	676045.4	4863902.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
112	Hospital	671712.7	4862364.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
113	Retirement Residence A	684199.9	4864120.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
114	Retirement Residence B	685483.9	4865150.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
115	Retirement Residence C	686844.0	4864732.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
116	Retirement Residence D	673481.7	4863343.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
117	Retirement Residence E	671825.2	4864399.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
118	Retirement Residence F	671606.3	4864536.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
119	Retirement Residence G	671357.1	4862958.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
120	Retirement Residence H	671514.0	4862262.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
121	Retirement Residence I	672602.2	4863075.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
122	Retirement Residence J	671719.1	4862893.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
123	Retirement Residence K	686718.0	4865648.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
124	Retirement Residence L	676168.7	4865669.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
125	Retirement Residence M	676118.5	4863980.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
127	Primary School B	685384.8	4863575.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
128	Primary School C	685021.6	4863952.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
129	Primary School D	686237.0	4864085.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
130	Primary School E	686719.0	4863734.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
131	Primary School F	686357.0	4864754.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
132	Primary School G	685502.0	4865013.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
133	Primary School H	686726.7	4866061.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
134	Primary School I	685186.2	4866568.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
135	Primary School J	685965.3	4866979.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
136	Primary School K	677709.9	4864726.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
137	Primary School L	675988.3	4864270.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
138	Primary School M	676608.7	4862739.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
139	Primary School N	677222.2	4863759.1		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
140	Primary School O	678154.9	4863872.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
141	Court. Subdivision 12	678309.6	4863600.8		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
142	Primary School Q	677010.6	4862470.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
143	Primary School R	677431.3	4866694.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
144	Primary School S	675266.2	4863562.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
145	Primary School T	673479.2	4860029.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
146	Primary School U	670856.0	4860710.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
147	Primary School V	672660.2	4863909.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
148	Primary School W	672735.2	4859232.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
149	Primary School X	673575.8	4862688.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
150	Primary School Y	673710.3	4861969.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
151	Primary School Z	672366.0	4859928.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
152	Primary School AA	672561.7	4866047.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
153	Primary School BB	675095.1	4862930.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
154	Primary School CC	673242.6	4865197.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
155	Primary School DD	674164.9	4863031.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
156	Primary School EE	671905.6	4864697.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
157	Primary School FF	673294.9	4858774.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
158	Primary School GG	671659.7	4863120.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
159	Primary School HH	673853.4	4866711.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00





Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97		0.01	11.75
160	Primary School II	672616.7	4862114.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
161	Primary School JJ	673567.2	4861899.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
162	Primary School KK	671791.0	4861954.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
163	Primary School LL	673762.3	4864210.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
164	Primary School MM	672238.8	4864621.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
165	Primary School NN	673213.6	4858677.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
166	Primary School OO	675474.8	4863221.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
167	Primary School PP	672441.8	4858748.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
168	Primary School QQ	672796.8	4864438.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
169	Primary School RR	671351.4	4863284.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
170	Primary School SS	673213.9	4862125.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
171	Primary School TT	671017.9	4860953.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
172	Primary School UU	670991.0	4861089.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
173	Primary School VV	674150.1	4862294.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
174	Primary School WW	672005.2	4861707.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
175	Primary School XX	684172.1	4863615.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
176	Primary School YY	683923.3	4866636.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
177	Primary School ZZ	680446.0	4865770.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
178	Vacant School	685612.9	4864520.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
179	Secondary School A	686291.4	4865064.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
180	Secondary School B	683875.0	4864741.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
181	Secondary School C	684650.3	4866460.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
182	Secondary School D	678099.5	4864838.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
183	Secondary School E	678467.0	4863431.2		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
184	Secondary School F	674144.9	4862762.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
185	Secondary School G	673816.0	4864357.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
186	Secondary School H	673145.4	4858569.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
187	Secondary School I	671291.7	4863581.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
188	Secondary School J	671443.2	4861664.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
189	Secondary School K	673235.3	4860885.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
190	Secondary School L	684252.7	4866500.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
191	Secondary School M	673914.1	4859551.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
192	Secondary School N	675051.5	4864177.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
193	Adult School	685276.1	4866019.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
194	Bow. Valley Cons. 1	685356.6	4864521.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
195	Bow. Valley Cons. 2	685627.7	4864167.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
196	Bow. Valley Cons. 4	685852.7	4863640.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
197	Bow. Valley Cons. 5	686163.1	4863621.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
198	Bow. Valley Cons. 6	685931.9	4863380.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
199	Maple Grove 1	681688.5	4864717.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
200	Maple Grove 2	681768.9	4864631.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
201	Maple Grove 3	681894.9	4864506.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
202	Maple Grove 4	681974.8	4864443.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
203	Maple Grove 5	681942.2	4864676.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
204	Maple Grove 6	682053.2	4864586.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
205	Maple Grove 7	682168.5	4864631.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
206	Maple Grove 8	682261.7	4864520.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
207	Maple Grove 9	682382.1	4864589.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
208	Maple Grove 10	682459.8	4864499.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
209	Port Darlington 1	686227.8	4861159.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
210	Port Darlington 2	686184.8	4861252.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
211	Port Darlington 3	686151.2	4861286.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
212	Port Darlington 4	686351.1	4861341.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)														
					4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03	0.02		0.00E+00	0.00E+00
					3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75			
213	Port Darlington 5	686406.8	4861448.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
214	Port Darlington 6	686504.5	4861604.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
215	Port Darlington 7	686703.0	4861789.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
216	Port Darlington 8	686895.8	4861960.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
217	Port Darlington 9	686867.4	4862119.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
218	Port Darlington 10	687190.7	4862048.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
219	Port Darlington 11	687524.4	4862126.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
220	Campground 1	678646.3	4860337.7		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
221	Campground 2	678410.2	4860148.6		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
222	Campground 3	678651.0	4860054.4		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
223	Campground 4	678725.9	4859860.7		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
224	Campground 5	678511.1	4859808.6		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
225	Campground 6	678869.5	4859696.0		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
226	Campground 7	678723.9	4860201.8		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
227	Campground 8	678796.0	4860011.4		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
228	Campground 9	678852.7	4859854.2		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
229	Solina 1	681099.6	4861677.2		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
230	Solina 2	681115.7	4861857.7		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
231	Solina 3	680987.4	4861983.5		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
232	Solina 4	680965.0	4862068.1		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
233	Solina 5	681021.5	4862086.7		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
234	Solina 6	680939.8	4862124.3		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
235	Solina 7	680988.2	4862183.6		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
236	Solina 8	680984.6	4862209.8		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
237	Solina 9	680958.6	4862294.9		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
238	Solina 10	680858.0	4862324.3		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
239	Solina 11	680990.3	4862403.5		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
240	Recreational 1	681545.0	4860865.0		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
241	Recreational 2	681563.7	4860687.4		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93		0.00E+00	0.00E+00
242	Recreational 3	681579.7	4860610.0		3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.95		0.00E+00	0.00E+00
243	Recreational 6	681876.6	4860254.4		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
244	Recreational 7	682166.9	4860324.4		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
245	Darlington 1	679565.4	4861052.9		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90		0.00E+00	0.00E+00
246	Darlington 2	679452.9	4861051.4		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
247	Darlington 3	679130.5	4860948.8		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
248	Darlington 4	679112.6	4860941.9		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
249	Darlington 5	679057.6	4860994.1		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91		0.00E+00	0.00E+00
250	Darlington 6	679075.2	4860931.6		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90		0.00E+00	0.00E+00
251	Darlington 7	678814.3	4860843.1		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
252	Darlington 8	678840.4	4860777.1		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
253	Light Ind. 1	680000.1	4861034.1		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
254	Light Ind. 2	680060.7	4861056.4		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
255	Light Ind. 3	680291.2	4861151.6		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
256	Light Ind. 4	680536.3	4861204.6		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
257	Light Ind. 5	680350.4	4861290.6		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
258	Light Ind. 6	680306.9	4861275.6		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
259	Light Ind. 7	680267.2	4861262.4		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
260	Light Ind. 8	680233.6	4861250.7		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.88		0.00E+00	0.00E+00
261	Light Ind. 9	680175.3	4861227.5		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
262	Light Ind. 10	680092.5	4861185.1		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
263	Light Ind. 11	680071.6	4861246.6		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)														
					4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03	0.02		0.00E+00	0.00E+00
					3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75			
266	Future Industrial 8	680398.0	4860731.8		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93		0.00E+00	0.00E+00
267	Future Industrial 1	680359.6	4859959.2		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.92		0.00E+00	0.00E+00
268	Future Industrial 2	680083.7	4859985.7		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
269	Future Industrial 3	680819.9	4860705.3		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.94		0.00E+00	0.00E+00
270	Future Industrial 4	681070.0	4859937.2		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
271	Future Industrial 5	679898.8	4860067.4		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.90		0.00E+00	0.00E+00
272	Future Industrial 6	680134.8	4860694.1		3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.96		0.00E+00	0.00E+00
273	Future Industrial 11	680253.7	4860255.2		3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.09		0.00E+00	0.00E+00
274	Future Industrial 12	679901.2	4860511.8		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91		0.00E+00	0.00E+00
275	Commercial Farmer	679867.8	4860445.4		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93		0.00E+00	0.00E+00
276	Farmer	679277.0	4859981.5		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
277	Residence	679387.2	4860648.9		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
278	Barn	679261.9	4860574.2		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
279	Residence	680150.7	4861295.7		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
280	Residence	679939.8	4861213.4		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
281	Farmer	680855.7	4861456.9		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.88		0.00E+00	0.00E+00
282	Farmer	681386.2	4861673.3		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
283	Residence	680683.5	4861597.9		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
284	Business	680064.3	4861343.7		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
285	Farmer	679680.1	4861213.5		3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
286	Farmer	681344.8	4861792.9		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
287	Youth Centre	685644.2	4864814.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
288	Bowmanville Arena	685462.9	4864615.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
289	Bowmanville Rec Complex	684160.3	4864604.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
290	Recreation Complex	684586.6	4862406.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
291	Superdog Central	681487.7	4865723.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
292	Equestrian Centre	681567.1	4863670.7		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
293	Flea Market	678574.6	4862819.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
294	Equestrian Centre	680030.8	4867320.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
295	Courtice Community Complex	678099.3	4864629.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
296	Former Restaurant	679830.2	4860702.2		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
297	Commercial	679364.8	4861016.0		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
298	GM Oshawa Headquarters	676418.3	4860463.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
299	Farm A?	682972.3	4862201.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
300	Farm B?	683546.9	4861959.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
301	Farm C?	682547.5	4862321.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
302	Farm D?	683238.3	4862393.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
303	Farm E?	682512.6	4862858.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
304	Farm F?	683129.1	4863649.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
305	Bennett 1	688209.3	4862512.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
306	Bennett 2	687990.0	4863221.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
307	Bennett 3	688818.4	4862836.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
308	Bennett 4	689045.1	4863365.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
309	Bennett 5	688270.5	4863763.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
310	Bennett 6	689908.5	4863100.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
311	Bennett 7	688929.9	4864392.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
312	Bennett 8	689684.2	4863837.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
313	Soper 1	687557.9	4862512.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
314	Soper 2	687241.9	4863171.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
315	Soper 3	687023.2	4863903.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
316	Soper 4	688158.2	4865389.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
317	Soper 5	685027.3	4868253.9		3.03															

Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)														
					4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03	0.02		0.00E+00	0.00E+00
					3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75			
319	Soper 7	685683.2	4867148.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
320	Soper 8	686748.7	4865874.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
321	Bowmanville 1	687026.3	4862368.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
322	Bowmanville 2	686625.7	4863020.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
323	Bowmanville 3	683380.3	4865365.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
324	Bowmanville 4	683111.4	4867150.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
325	Bowmanville 5	682452.2	4869417.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
326	Bowmanville 6	684778.5	4864888.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
327	Bowmanville 7	684549.5	4866404.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
328	Upper Tooley 1	679944.8	4864883.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
329	Upper Tooley 2	679055.1	4863885.8		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
330	Upper Tooley 3	679714.0	4862767.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
331	Upper Tooley 4	678898.8	4861800.6		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
332	Upper Tooley 5	680353.5	4862156.5		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
333	Upper Tooley 6	679818.1	4861625.7		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
334	Robinson 1	678434.8	4860943.1		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
335	Robinson 2	677752.6	4861240.6		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
336	Robinson 3	677642.2	4861787.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
337	Robinson 4	678532.7	4862143.6		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
338	Robinson 5	678005.1	4862784.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
339	Robinson 6	677882.7	4860587.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
340	F/B 1	677443.1	4867862.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
341	F/B 2	679667.4	4866611.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
342	F/B 3	678655.0	4867470.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
343	F/B 4	676191.2	4866844.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
344	F/B 5	678273.3	4866093.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
345	F/B 6	681241.2	4867098.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
346	F/B 7	682165.3	4868082.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
347	F/B 8	679366.6	4868628.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
348	F/B 9	680310.1	4869967.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
349	F/B 10	676487.3	4869291.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
350	F/B 11	676851.4	4865409.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
351	F/B 12	681153.3	4868682.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
352	F/B 13	675416.3	4859833.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
353	Second 1	675153.4	4860552.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
354	Second 2	675297.5	4860891.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
355	Second 3	675647.2	4860644.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
356	Second 4	675670.5	4860076.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
357	Second 5	676043.3	4860319.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
358	Second 6	675923.4	4859821.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
360	McLaughlin Bay 2	677310.8	4860528.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
361	McLaughlin Bay 3	676563.5	4860260.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
362	McLaughlin Bay 4	676699.5	4859696.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
363	McLaughlin Bay 5	677560.0	4860060.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
364	McLaughlin Bay 6	678204.5	4859832.5		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
365	Harmony Creek 1	674178.3	4861024.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
366	Harmony Creek 2	674592.0	4862605.3		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
367	Harmony Creek 3	672863.4	4862808.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
368	Harmony Creek 4	675671.6	4864469.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
369	Harmony Creek 5	672443.1	4864713.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00



Appendix F - 1: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75			
372	Westside 1	686082.6	4862776.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
373	Westside 2	685778.7	4862137.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
374	Westside 3	685084.2	4862827.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
375	Darlington 1	680977.5	4865674.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
376	Darlington 2	680913.9	4863967.1		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
377	Darlington 3	682602.8	4863659.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
378	Darlington 4	682206.4	4862910.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
379	Darlington 5	683223.2	4861114.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
380	Darlington 6	683947.7	4862362.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
381	Darlington 7	685361.9	4861143.4		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
382	Bennett ECO/HH	688606.4	4862634.8		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
383	Oshawa ECO/HH	673884.9	4859128.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
384	Oshawa Creek 1	671671.2	4862793.7		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
385	Oshawa Creek 2	671668.5	4861589.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
386	Oshawa Creek 3	672820.2	4861287.2		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
387	Oshawa Creek 4	672360.3	4860262.6		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
388	Oshawa Creek 5	673921.2	4860115.0		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
389	Oshawa Creek 6	673154.0	4859421.9		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
390	Farmer	677409.8	4861051.4		3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
391	Commercial Market	688276.3	4864698.5		3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	













Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )	2.48E-09	2.98E-06	2.37E-08	4.20E-05	1.64E-03	1.13E-04	1.73E-05	8.73E-05		1.38E-05	6.32E-03							
1	Campground 10	678526.8	485996.8		20.07	0.20	0.02	60.88	1030.99	0.30	20.73	35.69	0.12	1.07		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
210	Port Darlington 2	686184.8	4861252.0		19.78	0.12	0.01	59.89	1030.62	0.13	20.56	35.52	0.07	0.67		2.46E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04	0.08
211	Port Darlington 3	686151.2	4861286.8		19.77	0.12	0.01	59.83	1030.60	0.13	20.56	35.51	0.07	0.65		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
212	Port Darlington 4	686351.1	4861341.6		19.85	0.14	0.01	60.11	1030.70	0.15	20.58	35.54	0.08	0.77		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08
213	Port Darlington 5	686406.8	4861448.7		19.86	0.14	0.01	60.17	1030.72	0.15	20.59	35.54	0.09	0.79		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08
214	Port Darlington 6	686504.5	4861604.0		19.86	0.14	0.01	60.14	1030.71	0.15	20.59	35.54	0.09	0.78		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08
215	Port Darlington 7	686703.0	4861789.3		19.78	0.12	0.01	59.87	1030.61	0.13	20.57	35.52	0.07	0.67		2.46E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04	0.08
216	Port Darlington 8	686895.8	4861960.2		19.67	0.10	9.57E-03	59.51	1030.48	0.13	20.57	35.52	0.06	0.52		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08
217	Port Darlington 9	686867.4	4862119.7		19.63	0.09	8.54E-03	59.37	1030.43	0.13	20.57	35.52	0.05	0.46		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
218	Port Darlington 10	687190.7	4862048.8		19.62	0.08	8.10E-03	59.31	1030.41	0.13	20.56	35.52	0.05	0.44		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
219	Port Darlington 11	687524.4	4862126.8		19.60	0.08	7.69E-03	59.26	1030.38	0.13	20.56	35.51	0.05	0.42		2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
220	Campground 1	678646.3	4860337.7		20.52	0.31	0.03	62.43	1031.57	0.36	20.80	35.75	0.19	1.71		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04	0.08
221	Campground 2	678410.2	4860148.6		20.35	0.27	0.03	61.84	1031.35	0.33	20.76	35.72	0.16	1.47		2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08
222	Campground 3	678651.0	4860054.4		20.12	0.21	0.02	61.07	1031.06	0.31	20.75	35.70	0.13	1.15		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
223	Campground 4	678725.9	4859860.7		20.11	0.21	0.02	61.04	1031.05	0.31	20.75	35.70	0.13	1.14		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
224	Campground 5	678511.1	4859808.6		19.89	0.15	0.02	60.27	1030.76	0.28	20.71	35.67	0.09	0.83		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
225	Campground 6	678869.5	4859696.0		20.02	0.19	0.02	60.72	1030.93	0.30	20.73	35.69	0.11	1.01		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08
226	Campground 7	678723.9	4860201.8		20.45	0.30	0.03	62.19	1031.48	0.35	20.78	35.74	0.18	1.61		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08
227	Campground 8	678796.0	4860011.4		20.06	0.20	0.02	60.86	1030.98	0.33	20.77	35.72	0.12	1.07		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
228	Campground 9	678852.7	4859854.2		20.06	0.20	0.02	60.85	1030.98	0.32	20.75	35.71	0.12	1.06		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
229	Solina 1	681099.6	4861677.2		20.24	0.24	0.02	61.48	1031.21	0.42	20.85	35.80	0.15	1.32		2.53E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
230	Solina 2	681115.7	4861857.7		20.23	0.24	0.02	61.44	1031.20	0.41	20.84	35.80	0.14	1.30		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
231	Solina 3	680987.4	4861983.5		20.25	0.24	0.02	61.49	1031.22	0.42	20.86	35.81	0.15	1.32		2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
232	Solina 4	680965.0	4862068.1		20.15	0.22	0.02	61.17	1031.10	0.42	20.85	35.81	0.13	1.19		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
233	Solina 5	681021.5	4862086.7		20.21	0.23	0.02	61.37	1031.17	0.41	20.85	35.80	0.14	1.27		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
234	Solina 6	680939.8	4862124.3		20.03	0.19	0.02	60.76	1030.94	0.42	20.86	35.81	0.11	1.03		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08
235	Solina 7	680988.2	4862183.6		20.10	0.21	0.02	60.99	1031.03	0.41	20.85	35.80	0.12	1.12		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
236	Solina 8	680984.6	4862209.8		20.05	0.19	0.02	60.83	1030.97	0.41	20.84	35.80	0.12	1.05		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
237	Solina 9	680958.6	4862294.9		20.01	0.18	0.02	60.66	1030.91	0.41	20.84	35.80	0.11	0.99		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08
238	Solina 10	680858.0	4862324.3		20.12	0.21	0.02	61.05	1031.05	0.42	20.85	35.81	0.13	1.15		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
239	Solina 11	680990.3	4862403.5		19.98	0.18	0.02	60.59	1030.88	0.40	20.83	35.79	0.11	0.96		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	0.08
240	Recreational 1	681545.0	4860865.0		20.13	0.21	0.02	61.09	1031.07	0.33	20.77	35.72	0.13	1.16		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
241	Recreational 2	681563.7	4860687.4		20.43	0.29	0.03	62.12	1031.45	0.32	20.76	35.71	0.17	1.58		2.57E-08	4.43E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08
242	Recreational 3	681579.7	4860610.0		20.29	0.26	0.03	61.66	1031.28	0.32	20.75	35.70	0.15	1.39		2.54E-08	4.41E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.12E-04	0.08
243	Recreational 6	681876.6	4860254.4		20.62	0.34	0.03	62.79	1031.70	0.36	20.80	35.75	0.20	1.85		2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	0.08
244	Recreational 7	682166.9	4860324.4		20.44	0.29	0.03	62.18	1031.47	0.32	20.75	35.71	0.18	1.60		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08
245	Darlington 1	679565.4	4861052.9		20.98	0.43	0.04	64.03	1032.16	0.56	20.99	35.95	0.26	2.35		2.66E-08	4.55E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	0.08
246	Darlington 2	679452.9	4861051.4		20.79	0.38	0.04	63.37	1031.92	0.53	20.96	35.92	0.23	2.09		2.63E-08	4.51E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08
247	Darlington 3	679130.5	4860948.8		20.72	0.37	0.04	63.14	1031.83	0.45	20.88	35.83	0.22	1.99		2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08
248	Darlington 4	679112.6	4860941.9		20.75	0.37	0.04	63.23	1031.86	0.44	20.87	35.83	0.22	2.03		2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08
249	Darlington 5	679057.6	4860994.1		20.68	0.36	0.04	63.00	1031.78	0.44	20.87	35.82	0.21	1.93		2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04	0.08
250	Darlington 6	679075.2	4860931.6		20.76	0.38	0.04	63.28	1031.88	0.44	20.87	35.82	0.23	2.05		2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08
251	Darlington 7	678814.3	4860843.1		20.42	0.29	0.03	62.09	1031.44	0.38	20.82	35.77	0.17	1.57		2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.13E-04	0.08
252	Darlington 8	678840.4	4860777.1		20.27	0.25	0.02	61.57	1031.24	0.39	20.82	35.77	0.15	1.36		2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
253	Light Ind. 1	680000.1	4861034.1		20.50	0.31	0.03	62.38	1031.55	0.66	21.09	36.04	0.19	1.68		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.13E-04	0.08
254	Light Ind. 2	680060.7	4861056.4		20.44	0.29	0.03	62.16	1031.47	0.67	21.10	36.06	0.18	1.60		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08
255	Light Ind. 3	680291.2	4861151.6		20.80	0.39																		







Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron																																			
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m³)	2.48E-09	2.98E-06	2.37E-08	4.20E-05	2.50E-08	4.36E-05	2.42E-08	4.26E-05		2.41E-08	4.24E-05		2.46E-08	4.30E-05	2.41E-08	4.24E-05	2.41E-08	4.25E-05	2.42E-08	4.25E-05	2.43E-08	4.26E-05	2.44E-08	4.28E-05	2.43E-08	4.27E-05	2.43E-08	4.27E-05	2.45E-08	4.30E-05	2.52E-08	4.38E-05	2.53E-08	4.39E-05	2.50E-08	4.36E-05	2.47E-08	4.32E-05	2.45E-08	4.30E-05	2.41E-08	4.25E-05	2.47E-08	4.31E-05	2.41E-08	4.24E-05	2.40E-08	4.23E-05	2.41E-08	4.25E-05	2.42E-08	4.25E-05	2.44E-08
1	Campground 10	678526.8	4859996.8	Updated Facility Contaminant Emission Rate (g/s)	1.45	0.37	0.04	5.00	1.86	0.37	0.37	0.37	0.22	2.02		2.48E-09	2.98E-06		1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03																																			
				Background Concentration (µg/m³)	19.30			58.22	1030.00		20.43	35.39				2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	0.08																																			
366	Harmony Creek 2	674592.0	4862605.3		20.07	0.20	0.02	60.88	1030.99	0.30	20.73	35.69	0.12	1.07		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08																																			
367	Harmony Creek 3	672863.4	4862808.0		19.56	0.07	6.62E-03	59.11	1030.33	0.16	20.59	35.55	0.04	0.36		2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08																																			
368	Harmony Creek 4	675671.6	4864469.0		19.50	0.05	5.25E-03	58.93	1030.26	0.15	20.58	35.54	0.03	0.29		2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	0.08																																			
369	Harmony Creek 5	672443.1	4864713.0		19.79	0.13	0.01	59.91	1030.63	0.21	20.64	35.60	0.08	0.68		2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08																																			
370	Harmony Creek 6	674830.5	4866909.6		19.49	0.05	4.79E-03	58.87	1030.24	0.13	20.56	35.51	0.03	0.26		2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	0.08																																			
371	Harmony Creek 7	675799.9	4868594.1		19.54	0.06	6.05E-03	59.04	1030.30	0.17	20.60	35.55	0.04	0.33		2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04	0.08																																			
372	Westside 1	686082.6	4862776.6		19.55	0.06	6.47E-03	59.09	1030.32	0.19	20.62	35.57	0.04	0.35		2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04	0.08																																			
373	Westside 2	685778.7	4862137.9		19.60	0.08	7.79E-03	59.27	1030.39	0.13	20.56	35.52	0.05	0.42		2.43E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08																																			
374	Westside 3	685084.2	4862827.4		19.68	0.10	9.75E-03	59.53	1030.49	0.15	20.58	35.53	0.06	0.53		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08																																			
375	Darlington 1	680977.5	4865674.4		19.62	0.08	8.12E-03	59.31	1030.41	0.27	20.70	35.66	0.05	0.44		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08																																			
376	Darlington 2	680913.9	4863967.1		19.77	0.12	0.01	59.86	1030.61	0.36	20.79	35.74	0.07	0.66		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04	0.08																																			
377	Darlington 3	682602.8	4863659.6		20.14	0.22	0.02	61.14	1031.08	0.23	20.66	35.62	0.13	1.18		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08																																			
378	Darlington 4	682206.4	4862910.4		20.19	0.23	0.02	61.31	1031.15	0.27	20.71	35.66	0.14	1.25		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08																																			
379	Darlington 5	683223.2	4861114.0		20.05	0.19	0.02	60.81	1030.96	0.22	20.65	35.60	0.12	1.05		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08																																			
380	Darlington 6	683947.7	4862362.0		19.86	0.14	0.01	60.15	1030.72	0.19	20.62	35.58	0.09	0.78		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08																																			
381	Darlington 7	685361.9	4861143.4		19.75	0.12	0.01	59.78	1030.58	0.14	20.57	35.53	0.07	0.63		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08																																			
382	Bennett ECO/HH	688606.4	4862634.8		19.54	0.06	6.16E-03	59.05	1030.31	0.12	20.55	35.50	0.04	0.34		2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04	0.08																																			
383	Oshawa ECO/HH	673884.9	4859128.9		19.84	0.14	0.01	60.09	1030.69	0.20	20.63	35.59	0.08	0.76		2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08																																			
384	Oshawa Creek 1	671671.2	4862793.7		19.49	0.05	4.83E-03	58.87	1030.24	0.14	20.58	35.53	0.03	0.26		2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	0.08																																			
385	Oshawa Creek 2	671668.5	4861589.5		19.44	0.04	3.54E-03	58.70	1030.18	0.12	20.56	35.51	0.02	0.19		2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04	0.08																																			
386	Oshawa Creek 3	672820.2	4861287.2		19.45	0.04	3.90E-03	58.75	1030.20	0.14	20.57	35.53	0.02	0.21		2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	0.08																																			
387	Oshawa Creek 4	672360.3	4860262.6		19.51	0.05	5.44E-03	58.95	1030.27	0.15	20.58	35.54	0.03	0.30		2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	0.08																																			
388	Oshawa Creek 5	673921.2	4860115.0		19.55	0.06	6.41E-03	59.08	1030.32	0.17	20.60	35.56	0.04	0.35		2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04	0.08																																			
389	Oshawa Creek 6	673154.0	4859421.9		19.70	0.10	0.01	59.62	1030.52	0.19	20.62	35.57	0.06	0.57		2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08																																			
390	Farmer	677409.8	4861051.4		20.40	0.28	0.03	62.01	1031.41	0.32	20.75	35.71	0.17	1.53		2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08																																			
391	Commercial Market	688276.3	4864698.5		19.63	0.08	8.42E-03	59.35	1030.42	0.12	20.55	35.51	0.05	0.46		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08																																			



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)		2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02		8.45E-05	2.13E-06	2.13E-06
					6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.04	0.21		0.01		0.05
1	Campground 10	678526.8	485996.8		7.58E-04	1.01E-03	7.02E-06	2.81E-03	7.31E-04	6.07E-03	3.29E-04	6.40E-03	0.07	4.15E-04	3.03E-03	8.55E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.13E-06	0.05
2	ECO 2	675490.4	4860360.1		6.79E-04	4.90E-04	3.41E-06	2.78E-03	6.66E-04	5.51E-03	1.60E-04	5.42E-03	0.07	3.78E-04	3.02E-03	4.15E-04	3.20E-03	1.56E-03	0.04	0.22		0.01	5.48E-07	0.05
3	Recreational 5	681642.0	4860349.3		8.64E-04	1.71E-03	1.19E-05	2.84E-03	8.19E-04	6.83E-03	5.56E-04	7.72E-03	0.07	4.66E-04	3.03E-03	1.45E-03	3.67E-03	1.59E-03	0.05	0.23		0.01	1.91E-06	0.05
4	ECO 4	676831.5	4859840.9		7.67E-04	1.07E-03	7.44E-06	2.81E-03	7.39E-04	6.14E-03	3.49E-04	6.52E-03	0.07	4.20E-04	3.03E-03	9.07E-04	3.43E-03	1.58E-03	0.05	0.22		0.01	1.20E-06	0.05
5	Bow. Valley Cons. 3	685767.2	4863879.0		6.77E-04	4.79E-04	3.33E-06	2.78E-03	6.64E-04	5.50E-03	1.56E-04	5.39E-03	0.07	3.77E-04	3.02E-03	4.06E-04	3.20E-03	1.56E-03	0.04	0.22		0.01	5.36E-07	0.05
6	ECO 6	679647.8	4859989.3		7.87E-04	1.20E-03	8.38E-06	2.82E-03	7.56E-04	6.29E-03	3.93E-04	6.77E-03	0.07	4.30E-04	3.03E-03	1.02E-03	3.48E-03	1.58E-03	0.05	0.22		0.01	1.35E-06	0.05
7	ECO 7	681578.8	4862070.1		7.88E-04	1.21E-03	8.40E-06	2.82E-03	7.56E-04	6.29E-03	3.94E-04	6.78E-03	0.07	4.30E-04	3.03E-03	1.02E-03	3.48E-03	1.58E-03	0.05	0.22		0.01	1.35E-06	0.05
8	ECO 8	679735.5	4861048.6		9.49E-04	2.27E-03	1.58E-05	2.87E-03	8.90E-04	7.44E-03	7.40E-04	8.79E-03	0.07	5.07E-04	3.04E-03	1.92E-03	3.89E-03	1.61E-03	0.05	0.23		0.01	2.54E-06	0.05
9	ECO 9	687219.7	4864249.3		6.71E-04	4.41E-04	3.07E-06	2.78E-03	6.60E-04	5.46E-03	1.44E-04	5.32E-03	0.07	3.74E-04	3.02E-03	3.74E-04	3.19E-03	1.56E-03	0.04	0.22		0.01	4.94E-07	0.05
10	ECO 10	686519.0	4861987.6		6.78E-04	4.83E-04	3.36E-06	2.78E-03	6.65E-04	5.50E-03	1.58E-04	5.40E-03	0.07	3.77E-04	3.02E-03	4.10E-04	3.20E-03	1.56E-03	0.04	0.22		0.01	5.41E-07	0.05
11	ECO 11	679870.4	4859737.9		7.81E-04	1.16E-03	8.07E-06	2.81E-03	7.50E-04	6.24E-03	3.78E-04	6.68E-03	0.07	4.26E-04	3.03E-03	9.83E-04	3.46E-03	1.58E-03	0.05	0.22		0.01	1.30E-06	0.05
12	Recreational 4	681575.5	4860557.7		7.69E-04	1.08E-03	7.54E-06	2.81E-03	7.41E-04	6.15E-03	3.54E-04	6.54E-03	0.07	4.21E-04	3.03E-03	9.19E-04	3.43E-03	1.58E-03	0.05	0.22		0.01	1.21E-06	0.05
13	Future Industrial 9	680704.5	4859857.8		7.73E-04	1.11E-03	7.71E-06	2.81E-03	7.44E-04	6.18E-03	3.61E-04	6.59E-03	0.07	4.23E-04	3.03E-03	9.40E-04	3.44E-03	1.58E-03	0.05	0.22		0.01	1.24E-06	0.05
14	Future Industrial 10	680608.0	4860719.6		9.44E-04	2.23E-03	1.55E-05	2.87E-03	8.86E-04	7.41E-03	7.29E-04	8.72E-03	0.07	5.05E-04	3.04E-03	1.89E-03	3.87E-03	1.61E-03	0.05	0.23		0.01	2.50E-06	0.05
15	Harmony Creek	673992.4	4865641.4		6.75E-04	4.68E-04	3.25E-06	2.78E-03	6.63E-04	5.48E-03	1.53E-04	5.37E-03	0.07	3.76E-04	3.02E-03	3.97E-04	3.20E-03	1.56E-03	0.04	0.22		0.01	5.24E-07	0.05
16	Farewell Creek	678079.2	4868822.7		6.63E-04	3.87E-04	2.69E-06	2.78E-03	6.53E-04	5.40E-03	1.26E-04	5.22E-03	0.07	3.70E-04	3.02E-03	3.28E-04	3.17E-03	1.56E-03	0.04	0.22		0.01	4.33E-07	0.05
17	Farmer	681378.6	4860335.0		8.76E-04	1.79E-03	1.24E-05	2.85E-03	8.29E-04	6.92E-03	5.83E-04	7.87E-03	0.07	4.72E-04	3.04E-03	1.52E-03	3.70E-03	1.59E-03	0.05	0.23		0.01	2.00E-06	0.05
18	Watson Farm	682883.4	4864219.7		7.65E-04	1.06E-03	7.36E-06	2.81E-03	7.37E-04	6.13E-03	3.45E-04	6.49E-03	0.07	4.19E-04	3.03E-03	8.97E-04	3.42E-03	1.58E-03	0.05	0.22		0.01	1.19E-06	0.05
19	Racanski Farm	678929.2	4865530.2		7.08E-04	6.82E-04	4.75E-06	2.79E-03	6.90E-04	5.72E-03	2.22E-04	5.78E-03	0.07	3.92E-04	3.02E-03	5.78E-04	3.28E-03	1.57E-03	0.05	0.22		0.01	7.64E-07	0.05
20	Zoo	687216.8	4864835.3		6.59E-04	3.59E-04	2.49E-06	2.78E-03	6.49E-04	5.37E-03	1.17E-04	5.17E-03	0.07	3.68E-04	3.02E-03	3.04E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	4.01E-07	0.05
21	Cedar Crest Beach	686652.1	4861660.9		7.13E-04	7.12E-04	4.96E-06	2.79E-03	6.94E-04	5.75E-03	2.32E-04	5.84E-03	0.07	3.94E-04	3.02E-03	6.04E-04	3.29E-03	1.57E-03	0.05	0.22		0.01	7.98E-07	0.05
22	Darlington Prov Park Beach	677844.6	4859718.2		7.73E-04	1.11E-03	7.73E-06	2.81E-03	7.44E-04	6.18E-03	3.62E-04	6.59E-03	0.07	4.23E-04	3.03E-03	9.42E-04	3.44E-03	1.58E-03	0.05	0.22		0.01	1.24E-06	0.05
23	OPG 1	682258.1	4860045.0		7.82E-04	1.17E-03	8.13E-06	2.82E-03	7.51E-04	6.25E-03	3.81E-04	6.70E-03	0.07	4.27E-04	3.03E-03	9.91E-04	3.46E-03	1.58E-03	0.05	0.22		0.01	1.31E-06	0.05
24	OPG 2	682551.4	4859889.1		7.35E-04	8.62E-04	6.00E-06	2.80E-03	7.13E-04	5.91E-03	2.81E-04	6.12E-03	0.07	4.05E-04	3.03E-03	7.31E-04	3.35E-03	1.57E-03	0.05	0.22		0.01	9.65E-07	0.05
25	OPG 3	682824.6	4859759.3		7.13E-04	7.13E-04	4.96E-06	2.79E-03	6.94E-04	5.75E-03	2.33E-04	5.84E-03	0.07	3.94E-04	3.02E-03	6.05E-04	3.29E-03	1.57E-03	0.05	0.22		0.01	7.99E-07	0.05
26	OPG 4	683021.6	4859937.3		7.28E-04	8.15E-04	5.67E-06	2.80E-03	7.07E-04	5.86E-03	2.66E-04	6.03E-03	0.07	4.01E-04	3.03E-03	6.91E-04	3.33E-03	1.57E-03	0.05	0.22		0.01	9.13E-07	0.05
27	OPG 5	683318.2	4859677.8		6.99E-04	6.22E-04	4.33E-06	2.79E-03	6.82E-04	5.65E-03	2.03E-04	5.67E-03	0.07	3.87E-04	3.02E-03	5.27E-04	3.25E-03	1.57E-03	0.05	0.22		0.01	6.96E-07	0.05
28	OPG 6	683306.9	4860023.0		7.24E-04	7.85E-04	5.46E-06	2.80E-03	7.03E-04	5.83E-03	2.56E-04	5.98E-03	0.07	3.99E-04	3.03E-03	6.66E-04	3.32E-03	1.57E-03	0.05	0.22		0.01	8.79E-07	0.05
29	OPG 7	683718.6	4859915.8		7.05E-04	6.65E-04	4.63E-06	2.79E-03	6.88E-04	5.70E-03	2.17E-04	5.75E-03	0.07	3.90E-04	3.02E-03	5.64E-04	3.27E-03	1.57E-03	0.05	0.22		0.01	7.45E-07	0.05
30	OPG 8	682702.0	4859998.6		7.48E-04	9.45E-04	6.58E-06	2.80E-03	7.23E-04	6.00E-03	3.08E-04	6.28E-03	0.07	4.11E-04	3.03E-03	8.01E-04	3.38E-03	1.57E-03	0.05	0.22		0.01	1.06E-06	0.05
31	OPG 9	684347.7	4861184.6		7.08E-04	6.83E-04	4.75E-06	2.79E-03	6.90E-04	5.72E-03	2.23E-04	5.78E-03	0.07	3.92E-04	3.02E-03	5.79E-04	3.28E-03	1.57E-03	0.05	0.22		0.01	7.65E-07	0.05
32	OPG 10	682157.2	4861228.2		7.81E-04	1.16E-03	8.09E-06	2.82E-03	7.51E-04	6.24E-03	3.79E-04	6.69E-03	0.07	4.27E-04	3.03E-03	9.86E-04	3.46E-03	1.58E-03	0.05	0.22		0.01	1.30E-06	0.05
33	St. Mary's 1	684557.0	4861070.0		7.17E-04	7.41E-04	5.16E-06	2.79E-03	6.97E-04	5.78E-03	2.42E-04	5.89E-03	0.07	3.96E-04	3.02E-03	6.28E-04	3.30E-03	1.57E-03	0.05	0.22		0.01	8.30E-07	0.05
34	St. Mary's 2	684657.3	4861320.8		6.98E-04	6.20E-04	4.31E-06	2.79E-03	6.82E-04	5.65E-03	2.02E-04	5.66E-03	0.07	3.87E-04	3.02E-03	5.25E-04	3.25E-03	1.57E-03	0.05	0.22		0.01	6.94E-07	0.05
35	St. Mary's 3	684905.3	4861154.4		7.17E-04	7.45E-04	5.18E-06	2.79E-03	6.98E-04	5.79E-03	2.43E-04	5.90E-03	0.07	3.96E-04	3.02E-03	6.31E-04	3.30E-03	1.57E-03	0.05	0.22		0.01	8.34E-07	0.05
36	Court. Subdivision 1	677328.4	4862976.1		7.20E-04	7.63E-04	5.30E-06	2.80E-03	7.00E-04	5.81E-03	2.49E-04	5.93E-03	0.07	3.97E-04	3.02E-03	6.47E-04	3.31E-03	1.57E-03	0.05	0.22		0.01	8.54E-07	0.05
37	Court. Subdivision 2	676187.9	4862611.1		6.98E-04	6.20E-04	4.31E-06	2.79E-03	6.82E-04	5.65E-03	2.02E-04	5.66E-03												

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	
		(m)	(m)																			Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m³)	8.45E-05	2.13E-06
					2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02					
					6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.04	0.21			0.01		0.05
1	Campground 10	678526.8	485996.8		7.58E-04	1.01E-03	7.02E-06	2.81E-03	7.31E-04	6.07E-03	3.29E-04	6.40E-03	0.07	4.15E-04	3.03E-03	8.55E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.13E-06	0.05	
54	Bow. Subdivision 9	684777.3	4863330.5		6.89E-04	5.59E-04	3.89E-06	2.79E-03	6.74E-04	5.58E-03	1.82E-04	5.55E-03	0.07	3.83E-04	3.02E-03	4.74E-04	3.23E-03	1.56E-03	0.04	0.22		0.01	6.25E-07	0.05	
55	Bow. Subdivision 10	685266.0	4863243.1		6.89E-04	5.55E-04	3.86E-06	2.79E-03	6.74E-04	5.58E-03	1.81E-04	5.54E-03	0.07	3.82E-04	3.02E-03	4.70E-04	3.23E-03	1.56E-03	0.04	0.22		0.01	6.21E-07	0.05	
56	Osh/Court Subdivision 1	677396.8	4860977.3		8.21E-04	1.42E-03	9.91E-06	2.83E-03	7.83E-04	6.52E-03	4.64E-04	7.19E-03	0.07	4.46E-04	3.03E-03	1.21E-03	3.56E-03	1.59E-03	0.05	0.23		0.01	1.59E-06	0.05	
57	Osh/Court Subdivision 2	676633.5	4860816.8		7.03E-04	6.53E-04	4.54E-06	2.79E-03	6.86E-04	5.69E-03	2.13E-04	5.72E-03	0.07	3.89E-04	3.02E-03	5.53E-04	3.27E-03	1.57E-03	0.05	0.22		0.01	7.31E-07	0.05	
58	Osh/Court Subdivision 3	676916.0	4861925.0		6.96E-04	6.06E-04	4.21E-06	2.79E-03	6.80E-04	5.63E-03	1.97E-04	5.64E-03	0.07	3.86E-04	3.02E-03	5.13E-04	3.25E-03	1.56E-03	0.05	0.22		0.01	6.78E-07	0.05	
59	Osh/Court Subdivision 4	676730.5	4861317.1		7.66E-04	1.06E-03	7.39E-06	2.81E-03	7.38E-04	6.13E-03	3.46E-04	6.50E-03	0.07	4.19E-04	3.03E-03	9.00E-04	3.42E-03	1.58E-03	0.05	0.22		0.01	1.19E-06	0.05	
60	Osh/Court Subdivision 5	676087.2	4861392.3		7.20E-04	7.58E-04	5.28E-06	2.80E-03	7.00E-04	5.80E-03	2.47E-04	5.92E-03	0.07	3.97E-04	3.02E-03	6.43E-04	3.31E-03	1.57E-03	0.05	0.22		0.01	8.49E-07	0.05	
61	Osh/Court Subdivision 6	676177.1	4861722.2		6.88E-04	5.48E-04	3.81E-06	2.79E-03	6.73E-04	5.57E-03	1.79E-04	5.53E-03	0.07	3.82E-04	3.02E-03	4.65E-04	3.23E-03	1.56E-03	0.04	0.22		0.01	6.14E-07	0.05	
62	Osh/Court Subdivision 7	675670.7	4861783.2		6.82E-04	5.15E-04	3.58E-06	2.78E-03	6.69E-04	5.54E-03	1.68E-04	5.46E-03	0.07	3.79E-04	3.02E-03	4.36E-04	3.21E-03	1.56E-03	0.04	0.22		0.01	5.76E-07	0.05	
63	Osh/Court Subdivision 8	676050.8	4862055.7		6.99E-04	6.24E-04	4.34E-06	2.79E-03	6.83E-04	5.65E-03	2.03E-04	5.67E-03	0.07	3.87E-04	3.02E-03	5.29E-04	3.26E-03	1.57E-03	0.05	0.22		0.01	6.98E-07	0.05	
64	Osh/Court Subdivision 9	676636.9	4862134.3		7.07E-04	6.77E-04	4.71E-06	2.79E-03	6.89E-04	5.71E-03	2.21E-04	5.77E-03	0.07	3.91E-04	3.02E-03	5.74E-04	3.28E-03	1.57E-03	0.05	0.22		0.01	7.58E-07	0.05	
65	Osh/Court Subdivision 10	676571.3	4861634.8		6.99E-04	6.23E-04	4.33E-06	2.79E-03	6.83E-04	5.65E-03	2.03E-04	5.67E-03	0.07	3.87E-04	3.02E-03	5.28E-04	3.26E-03	1.57E-03	0.05	0.22		0.01	6.97E-07	0.05	
66	Bow. Subdivision 11	684649.2	4863182.7		6.90E-04	5.62E-04	3.91E-06	2.79E-03	6.75E-04	5.59E-03	1.83E-04	5.55E-03	0.07	3.83E-04	3.02E-03	4.76E-04	3.23E-03	1.56E-03	0.04	0.22		0.01	6.29E-07	0.05	
67	Daycare B	685172.4	4863933.1		6.65E-04	3.98E-04	2.77E-06	2.78E-03	6.54E-04	5.41E-03	1.30E-04	5.24E-03	0.07	3.71E-04	3.02E-03	3.37E-04	3.17E-03	1.56E-03	0.04	0.22		0.01	4.45E-07	0.05	
68	Daycare C	685452.0	4863104.4		6.80E-04	5.01E-04	3.49E-06	2.78E-03	6.67E-04	5.52E-03	1.63E-04	5.44E-03	0.07	3.78E-04	3.02E-03	4.25E-04	3.21E-03	1.56E-03	0.04	0.22		0.01	5.61E-07	0.05	
69	Daycare D	685527.7	4864693.3		6.85E-04	5.29E-04	3.68E-06	2.78E-03	6.71E-04	5.55E-03	1.72E-04	5.49E-03	0.07	3.80E-04	3.02E-03	4.48E-04	3.22E-03	1.56E-03	0.04	0.22		0.01	5.92E-07	0.05	
70	Daycare E	685735.4	4864790.8		6.79E-04	4.92E-04	3.42E-06	2.78E-03	6.66E-04	5.51E-03	1.60E-04	5.42E-03	0.07	3.78E-04	3.02E-03	4.17E-04	3.21E-03	1.56E-03	0.04	0.22		0.01	5.51E-07	0.05	
71	Daycare F	685520.3	4864854.3		6.85E-04	5.33E-04	3.71E-06	2.78E-03	6.71E-04	5.56E-03	1.74E-04	5.50E-03	0.07	3.81E-04	3.02E-03	4.52E-04	3.22E-03	1.56E-03	0.04	0.22		0.01	5.97E-07	0.05	
72	Daycare G	685441.9	4864878.0		6.83E-04	5.17E-04	3.60E-06	2.78E-03	6.69E-04	5.54E-03	1.69E-04	5.47E-03	0.07	3.80E-04	3.02E-03	4.39E-04	3.21E-03	1.56E-03	0.04	0.22		0.01	5.79E-07	0.05	
73	Daycare H	686364.8	4864707.8		6.54E-04	3.27E-04	2.27E-06	2.77E-03	6.45E-04	5.33E-03	1.06E-04	5.11E-03	0.07	3.66E-04	3.02E-03	2.77E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.66E-07	0.05	
74	Daycare I	685721.6	4865127.3		6.78E-04	4.84E-04	3.37E-06	2.78E-03	6.65E-04	5.50E-03	1.58E-04	5.41E-03	0.07	3.77E-04	3.02E-03	4.11E-04	3.20E-03	1.56E-03	0.04	0.22		0.01	5.42E-07	0.05	
75	Daycare J	678256.3	4863565.4		6.82E-04	5.11E-04	3.56E-06	2.78E-03	6.69E-04	5.53E-03	1.67E-04	5.46E-03	0.07	3.79E-04	3.02E-03	4.34E-04	3.21E-03	1.56E-03	0.04	0.22		0.01	5.73E-07	0.05	
76	Daycare K	677694.1	4864043.7		6.73E-04	4.50E-04	3.13E-06	2.78E-03	6.61E-04	5.46E-03	1.47E-04	5.34E-03	0.07	3.75E-04	3.02E-03	3.81E-04	3.19E-03	1.56E-03	0.04	0.22		0.01	5.03E-07	0.05	
77	Daycare L	676479.5	4862526.2		7.02E-04	6.42E-04	4.47E-06	2.79E-03	6.85E-04	5.67E-03	2.09E-04	5.70E-03	0.07	3.89E-04	3.02E-03	5.44E-04	3.26E-03	1.57E-03	0.05	0.22		0.01	7.19E-07	0.05	
78	Daycare M	678320.9	4864763.5		6.70E-04	4.32E-04	3.00E-06	2.78E-03	6.59E-04	5.45E-03	1.41E-04	5.31E-03	0.07	3.73E-04	3.02E-03	3.66E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.84E-07	0.05	
79	Daycare N	678513.4	4865058.0		6.61E-04	3.71E-04	2.58E-06	2.78E-03	6.51E-04	5.38E-03	1.21E-04	5.19E-03	0.07	3.69E-04	3.02E-03	3.14E-04	3.16E-03	1.56E-03	0.04	0.22		0.01	4.15E-07	0.05	
80	Daycare O	672788.7	4863936.6		6.39E-04	2.29E-04	1.59E-06	2.77E-03	6.33E-04	5.23E-03	7.47E-05	4.92E-03	0.07	3.59E-04	3.02E-03	1.94E-04	3.10E-03	1.56E-03	0.04	0.21		0.01	2.56E-07	0.05	
81	Daycare P	673952.8	4863592.5		6.53E-04	3.19E-04	2.22E-06	2.77E-03	6.44E-04	5.32E-03	1.04E-04	5.09E-03	0.07	3.65E-04	3.02E-03	2.71E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.58E-07	0.05	
82	Daycare Q	671751.8	4864887.7		6.40E-04	2.36E-04	1.64E-06	2.77E-03	6.34E-04	5.23E-03	7.68E-05	4.93E-03	0.07	3.59E-04	3.02E-03	2.00E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.64E-07	0.05	
83	Daycare R	685714.4	4864667.4		6.75E-04	4.66E-04	3.24E-06	2.78E-03	6.63E-04	5.48E-03	1.52E-04	5.37E-03	0.07	3.76E-04	3.02E-03	3.95E-04	3.20E-03	1.56E-03	0.04	0.22		0.01	5.21E-07	0.05	
84	Daycare S	684177.9	4863618.2		7.31E-04	8.33E-04	5.80E-06	2.80E-03	7.09E-04	5.88E-03	2.72E-04	6.07E-03	0.07	4.03E-04	3.03E-03	7.06E-04	3.34E-03	1.57E-03	0.05	0.22		0.01	9.33E-07	0.05	
85	Daycare T	678423.6	4864480.4		6.78E-04	4.88E-04	3.40E-06	2.78E-03	6.66E-04	5.51E-03	1.59E-04	5.41E-03	0.07	3.77E-04	3.02E-03	4.14E-04	3.20E-03	1.56E-03	0.04	0.22		0.01	5.46E-07	0.05	
86	Daycare U	685330.5	4863435.1		6.84E-04	5.24E-04	3.65E-06	2.78E-03	6.70E-04	5.55E-03	1.71E-04	5.48E-03	0.07	3.80E-04	3.02E-03	4.45E-04	3.22E-03	1.56E-03	0.04	0.22		0.01	5.87E-07	0.05	
87	Daycare V	685153.2	4863236.9		6.83E-04	5.18E-04	3.60E-06	2.78E-03	6.69E-04	5.54E-03	1.69E-04	5.47E-03	0.07	3.80E-04	3.02E-03	4.39E-04	3.22E-03	1.56E-03	0.04	0.22		0.01	5.79E-07	0.05	
88	Daycare W	672679.0	4862044.9		6.49E-04	2.94E-04	2.04E-06	2.77E-03	6.41E-04	5.30E-03	9.57E-05	5.04E-03	0.07	3.63E-04	3.02E-03	2.49E-04	3.13E-03	1.56E-03	0.04	0.21		0.01	3.29E-07	0.05	
89	Daycare X	672076.5	4865285.8		6.45E-04	2.66E-04	1.85E-06	2.77E-03	6.38E-04	5.27E-03															

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)																			Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m³)	8.45E-05
					2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02				
					6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.04	0.21		0.01		0.05
1	Campground 10	678526.8	4859996.8		7.58E-04	1.01E-03	7.02E-06	2.81E-03	7.31E-04	6.07E-03	3.29E-04	6.40E-03	0.07	4.15E-04	3.03E-03	8.55E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.13E-06	0.05
106	Daycare OO	673201.0	4864746.4		6.47E-04	2.79E-04	1.94E-06	2.77E-03	6.39E-04	5.28E-03	9.09E-05	5.02E-03	0.07	3.62E-04	3.02E-03	2.36E-04	3.12E-03	1.56E-03	0.04	0.21		0.01	3.12E-07	0.05
107	Daycare PP	674794.5	4864915.4		6.80E-04	4.99E-04	3.47E-06	2.78E-03	6.67E-04	5.52E-03	1.63E-04	5.43E-03	0.07	3.78E-04	3.02E-03	4.23E-04	3.21E-03	1.56E-03	0.04	0.22		0.01	5.59E-07	0.05
108	Hospital	686324.2	4864395.8		6.70E-04	4.33E-04	3.01E-06	2.78E-03	6.59E-04	5.45E-03	1.41E-04	5.31E-03	0.07	3.73E-04	3.02E-03	3.67E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.85E-07	0.05
109	Hospital (Children  s)	676057.8	4862180.9		7.10E-04	6.96E-04	4.84E-06	2.79E-03	6.92E-04	5.73E-03	2.27E-04	5.81E-03	0.07	3.93E-04	3.02E-03	5.90E-04	3.28E-03	1.57E-03	0.05	0.22		0.01	7.80E-07	0.05
110	Hospital	671233.2	4863615.9		6.38E-04	2.22E-04	1.54E-06	2.77E-03	6.32E-04	5.22E-03	7.24E-05	4.91E-03	0.07	3.58E-04	3.02E-03	1.88E-04	3.10E-03	1.56E-03	0.04	0.21		0.01	2.49E-07	0.05
111	Comm. Resp. Services	676045.4	4863902.5		6.94E-04	5.93E-04	4.12E-06	2.79E-03	6.79E-04	5.62E-03	1.93E-04	5.61E-03	0.07	3.85E-04	3.02E-03	5.03E-04	3.24E-03	1.56E-03	0.04	0.22		0.01	6.64E-07	0.05
112	Hospital	671712.7	4862364.1		6.42E-04	2.47E-04	1.72E-06	2.77E-03	6.35E-04	5.25E-03	8.07E-05	4.96E-03	0.07	3.60E-04	3.02E-03	2.10E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.77E-07	0.05
113	Retirement Residence A	684199.9	4864120.3		6.91E-04	5.68E-04	3.95E-06	2.79E-03	6.76E-04	5.59E-03	1.85E-04	5.56E-03	0.07	3.83E-04	3.02E-03	4.82E-04	3.23E-03	1.56E-03	0.04	0.22		0.01	6.36E-07	0.05
114	Retirement Residence B	685483.9	4865150.9		6.70E-04	4.33E-04	3.01E-06	2.78E-03	6.59E-04	5.45E-03	1.41E-04	5.31E-03	0.07	3.73E-04	3.02E-03	3.67E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.84E-07	0.05
115	Retirement Residence C	686844.0	4864732.1		6.61E-04	3.77E-04	2.62E-06	2.78E-03	6.52E-04	5.39E-03	1.23E-04	5.20E-03	0.07	3.69E-04	3.02E-03	3.20E-04	3.16E-03	1.56E-03	0.04	0.22		0.01	4.22E-07	0.05
116	Retirement Residence D	673481.7	4863343.4		6.56E-04	3.43E-04	2.39E-06	2.78E-03	6.47E-04	5.35E-03	1.12E-04	5.14E-03	0.07	3.67E-04	3.02E-03	2.91E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.84E-07	0.05
117	Retirement Residence E	671825.2	4864399.0		6.36E-04	2.09E-04	1.46E-06	2.77E-03	6.30E-04	5.20E-03	6.83E-05	4.88E-03	0.07	3.57E-04	3.02E-03	1.77E-04	3.10E-03	1.55E-03	0.04	0.21		0.01	2.34E-07	0.05
118	Retirement Residence F	671606.3	4864536.0		6.36E-04	2.12E-04	1.47E-06	2.77E-03	6.31E-04	5.21E-03	6.91E-05	4.89E-03	0.07	3.57E-04	3.02E-03	1.80E-04	3.10E-03	1.55E-03	0.04	0.21		0.01	2.37E-07	0.05
119	Retirement Residence G	671357.1	4862958.7		6.41E-04	2.46E-04	1.71E-06	2.77E-03	6.35E-04	5.24E-03	8.01E-05	4.95E-03	0.07	3.60E-04	3.02E-03	2.08E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.75E-07	0.05
120	Retirement Residence H	671514.0	4862262.9		6.43E-04	2.56E-04	1.78E-06	2.77E-03	6.36E-04	5.25E-03	8.35E-05	4.97E-03	0.07	3.61E-04	3.02E-03	2.17E-04	3.12E-03	1.56E-03	0.04	0.21		0.01	2.87E-07	0.05
121	Retirement Residence I	672602.2	4863075.9		6.43E-04	2.57E-04	1.79E-06	2.77E-03	6.36E-04	5.26E-03	8.38E-05	4.98E-03	0.07	3.61E-04	3.02E-03	2.18E-04	3.12E-03	1.56E-03	0.04	0.21		0.01	2.88E-07	0.05
122	Retirement Residence J	671719.1	4862893.1		6.42E-04	2.49E-04	1.73E-06	2.77E-03	6.35E-04	5.25E-03	8.12E-05	4.96E-03	0.07	3.60E-04	3.02E-03	2.11E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.79E-07	0.05
123	Retirement Residence K	686718.0	4865648.7		6.63E-04	3.85E-04	2.68E-06	2.78E-03	6.53E-04	5.40E-03	1.26E-04	5.22E-03	0.07	3.70E-04	3.02E-03	3.27E-04	3.16E-03	1.56E-03	0.04	0.22		0.01	4.31E-07	0.05
124	Retirement Residence L	676168.7	4865669.9		6.64E-04	3.93E-04	2.74E-06	2.78E-03	6.54E-04	5.40E-03	1.28E-04	5.23E-03	0.07	3.71E-04	3.02E-03	3.33E-04	3.17E-03	1.56E-03	0.04	0.22		0.01	4.40E-07	0.05
125	Retirement Residence M	676118.5	4863980.7		6.99E-04	6.24E-04	4.34E-06	2.79E-03	6.83E-04	5.65E-03	2.03E-04	5.67E-03	0.07	3.87E-04	3.02E-03	5.29E-04	3.26E-03	1.57E-03	0.05	0.22		0.01	6.99E-07	0.05
126	Bow. Subdivision 12	684649.2	4863182.7		6.90E-04	5.62E-04	3.91E-06	2.79E-03	6.75E-04	5.59E-03	1.83E-04	5.55E-03	0.07	3.83E-04	3.02E-03	4.76E-04	3.23E-03	1.56E-03	0.04	0.22		0.01	6.29E-07	0.05
127	Primary School B	685384.8	4863575.3		6.85E-04	5.30E-04	3.69E-06	2.78E-03	6.71E-04	5.55E-03	1.73E-04	5.49E-03	0.07	3.81E-04	3.02E-03	4.49E-04	3.22E-03	1.56E-03	0.04	0.22		0.01	5.93E-07	0.05
128	Primary School C	685021.6	4863952.9		6.63E-04	3.89E-04	2.71E-06	2.78E-03	6.53E-04	5.40E-03	1.27E-04	5.23E-03	0.07	3.70E-04	3.02E-03	3.30E-04	3.17E-03	1.56E-03	0.04	0.22		0.01	4.36E-07	0.05
129	Primary School D	686237.0	4864085.5		6.74E-04	4.59E-04	3.19E-06	2.78E-03	6.62E-04	5.48E-03	1.50E-04	5.36E-03	0.07	3.75E-04	3.02E-03	3.89E-04	3.19E-03	1.56E-03	0.04	0.22		0.01	5.14E-07	0.05
130	Primary School E	686719.0	4863734.7		6.71E-04	4.40E-04	3.06E-06	2.78E-03	6.60E-04	5.45E-03	1.44E-04	5.32E-03	0.07	3.74E-04	3.02E-03	3.73E-04	3.19E-03	1.56E-03	0.04	0.22		0.01	4.93E-07	0.05
131	Primary School F	686357.0	4864754.9		6.51E-04	3.09E-04	2.15E-06	2.77E-03	6.43E-04	5.31E-03	1.01E-04	5.07E-03	0.07	3.64E-04	3.02E-03	2.62E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.46E-07	0.05
132	Primary School G	685502.0	4865013.4		6.78E-04	4.85E-04	3.38E-06	2.78E-03	6.65E-04	5.50E-03	1.58E-04	5.41E-03	0.07	3.77E-04	3.02E-03	4.11E-04	3.20E-03	1.56E-03	0.04	0.22		0.01	5.43E-07	0.05
133	Primary School H	686726.7	4866061.5		6.59E-04	3.63E-04	2.52E-06	2.78E-03	6.50E-04	5.37E-03	1.18E-04	5.18E-03	0.07	3.68E-04	3.02E-03	3.08E-04	3.16E-03	1.56E-03	0.04	0.22		0.01	4.06E-07	0.05
134	Primary School I	685186.2	4866568.2		6.55E-04	3.32E-04	2.31E-06	2.77E-03	6.46E-04	5.34E-03	1.08E-04	5.12E-03	0.07	3.66E-04	3.02E-03	2.81E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.71E-07	0.05
135	Primary School J	685965.3	4866979.0		6.55E-04	3.36E-04	2.34E-06	2.77E-03	6.46E-04	5.34E-03	1.10E-04	5.12E-03	0.07	3.66E-04	3.02E-03	2.85E-04	3.15E-03	1.56E-03	0.04	0.21		0.01	3.76E-07	0.05
136	Primary School K	677709.9	4864726.5		6.58E-04	3.53E-04	2.46E-06	2.78E-03	6.49E-04	5.36E-03	1.15E-04	5.16E-03	0.07	3.68E-04	3.02E-03	2.99E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.95E-07	0.05
137	Primary School L	675988.3	4864270.2		7.10E-04	6.98E-04	4.85E-06	2.79E-03	6.92E-04	5.73E-03	2.27E-04	5.81E-03	0.07	3.93E-04	3.02E-03	5.91E-04	3.28E-03	1.57E-03	0.05	0.22		0.01	7.81E-07	0.05
138	Primary School M	676608.7	4862739.0		6.74E-04	4.60E-04	3.20E-06	2.78E-03	6.62E-04	5.48E-03	1.50E-04	5.36E-03	0.07	3.75E-04	3.02E-03	3.90E-04	3.19E-03	1.56E-03	0.04	0.22		0.01	5.15E-07	0.05
139	Primary School N	677222.2	4863759.1		7.18E-04	7.49E-04	5.21E-06	2.79E-03	6.98E-04	5.79E-03	2.44E-04	5.91E-03	0.07	3.97E-04	3.02E-03	6.35E-04	3.30E-03	1.57E-03	0.05	0.22		0.01	8.39E-07	0.05
140	Primary School O	678154.9	4863872.7		6.70E-04	4.30E-04	2.99E-06	2.78E-03	6.58E-04	5.44E-03	1.40E-04	5.30E-03	0.07	3.73E-04	3.02E-03	3.64E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.81E-07	0.05
141	Court. Subdivision 12	678309.6	4863600.8		6.82E-04	5.13E-04	3.57E-06	2.78E-03	6.69E-04	5.53E-03														



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)																			Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m³)	8.45E-05
					2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02				
					6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.04	0.21		0.01		0.05
1	Campground 10	678526.8	485996.8		7.58E-04	1.01E-03	7.02E-06	2.81E-03	7.31E-04	6.07E-03	3.29E-04	6.40E-03	0.07	4.15E-04	3.03E-03	8.55E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.13E-06	0.05
158	Primary School GG	671659.7	4863120.0		6.42E-04	2.51E-04	1.74E-06	2.77E-03	6.36E-04	5.25E-03	8.17E-05	4.96E-03	0.07	3.60E-04	3.02E-03	2.12E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.81E-07	0.05
159	Primary School HH	673853.4	4866711.0		6.83E-04	5.17E-04	3.60E-06	2.78E-03	6.69E-04	5.54E-03	1.69E-04	5.47E-03	0.07	3.80E-04	3.02E-03	4.38E-04	3.21E-03	1.56E-03	0.04	0.22		0.01	5.79E-07	0.05
160	Primary School II	672616.7	4862114.9		6.48E-04	2.87E-04	2.00E-06	2.77E-03	6.40E-04	5.29E-03	9.36E-05	5.03E-03	0.07	3.63E-04	3.02E-03	2.43E-04	3.13E-03	1.56E-03	0.04	0.21		0.01	3.21E-07	0.05
161	Primary School JJ	673567.2	4861899.5		6.60E-04	3.70E-04	2.57E-06	2.78E-03	6.51E-04	5.38E-03	1.21E-04	5.19E-03	0.07	3.69E-04	3.02E-03	3.14E-04	3.16E-03	1.56E-03	0.04	0.22		0.01	4.14E-07	0.05
162	Primary School KK	671791.0	4861954.2		6.44E-04	2.63E-04	1.83E-06	2.77E-03	6.37E-04	5.26E-03	8.57E-05	4.99E-03	0.07	3.61E-04	3.02E-03	2.23E-04	3.12E-03	1.56E-03	0.04	0.21		0.01	2.94E-07	0.05
163	Primary School LL	673762.3	4864210.6		6.46E-04	2.74E-04	1.91E-06	2.77E-03	6.39E-04	5.27E-03	8.94E-05	5.01E-03	0.07	3.62E-04	3.02E-03	2.32E-04	3.12E-03	1.56E-03	0.04	0.21		0.01	3.07E-07	0.05
164	Primary School MM	672238.8	4864621.3		6.40E-04	2.38E-04	1.66E-06	2.77E-03	6.34E-04	5.24E-03	7.77E-05	4.94E-03	0.07	3.59E-04	3.02E-03	2.02E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.67E-07	0.05
165	Primary School NN	673213.6	4858677.0		6.60E-04	3.68E-04	2.56E-06	2.78E-03	6.50E-04	5.38E-03	1.20E-04	5.18E-03	0.07	3.69E-04	3.02E-03	3.12E-04	3.16E-03	1.56E-03	0.04	0.22		0.01	4.12E-07	0.05
166	Primary School OO	675474.8	4863221.7		6.69E-04	4.28E-04	2.98E-06	2.78E-03	6.58E-04	5.44E-03	1.40E-04	5.30E-03	0.07	3.73E-04	3.02E-03	3.63E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.79E-07	0.05
167	Primary School PP	672441.8	4858748.6		6.71E-04	4.40E-04	3.06E-06	2.78E-03	6.59E-04	5.45E-03	1.43E-04	5.32E-03	0.07	3.74E-04	3.02E-03	3.73E-04	3.19E-03	1.56E-03	0.04	0.22		0.01	4.92E-07	0.05
168	Primary School QQ	672796.8	4864438.2		6.41E-04	2.44E-04	1.70E-06	2.77E-03	6.35E-04	5.24E-03	7.96E-05	4.95E-03	0.07	3.60E-04	3.02E-03	2.07E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.73E-07	0.05
169	Primary School RR	671351.4	4863284.0		6.41E-04	2.39E-04	1.66E-06	2.77E-03	6.34E-04	5.24E-03	7.80E-05	4.94E-03	0.07	3.59E-04	3.02E-03	2.03E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.68E-07	0.05
170	Primary School SS	673213.9	4862125.5		6.58E-04	3.53E-04	2.46E-06	2.78E-03	6.49E-04	5.36E-03	1.15E-04	5.16E-03	0.07	3.68E-04	3.02E-03	3.00E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.96E-07	0.05
171	Primary School TT	671017.9	4860953.7		6.35E-04	2.04E-04	1.42E-06	2.77E-03	6.30E-04	5.20E-03	6.64E-05	4.87E-03	0.07	3.57E-04	3.02E-03	1.73E-04	3.09E-03	1.55E-03	0.04	0.21		0.01	2.28E-07	0.05
172	Primary School UU	670991.0	4861089.8		6.32E-04	1.84E-04	1.28E-06	2.77E-03	6.27E-04	5.18E-03	5.99E-05	4.84E-03	0.07	3.55E-04	3.02E-03	1.56E-04	3.09E-03	1.55E-03	0.04	0.21		0.01	2.06E-07	0.05
173	Primary School VV	674150.1	4862294.8		6.57E-04	3.49E-04	2.43E-06	2.78E-03	6.48E-04	5.36E-03	1.14E-04	5.15E-03	0.07	3.67E-04	3.02E-03	2.96E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.91E-07	0.05
174	Primary School WW	672005.2	4861707.9		6.40E-04	2.35E-04	1.64E-06	2.77E-03	6.34E-04	5.23E-03	7.67E-05	4.93E-03	0.07	3.59E-04	3.02E-03	1.99E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.63E-07	0.05
175	Primary School XX	684172.1	4863615.6		7.33E-04	8.49E-04	5.90E-06	2.80E-03	7.11E-04	5.90E-03	2.77E-04	6.10E-03	0.07	4.04E-04	3.03E-03	7.20E-04	3.34E-03	1.57E-03	0.05	0.22		0.01	9.50E-07	0.05
176	Primary School YY	683923.3	4866636.4		6.69E-04	4.26E-04	2.97E-06	2.78E-03	6.58E-04	5.44E-03	1.39E-04	5.30E-03	0.07	3.73E-04	3.02E-03	3.61E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.77E-07	0.05
177	Primary School ZZ	680446.0	4865770.5		6.51E-04	3.11E-04	2.17E-06	2.77E-03	6.43E-04	5.31E-03	1.01E-04	5.08E-03	0.07	3.65E-04	3.02E-03	2.64E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.48E-07	0.05
178	Vacant School	685612.9	4864520.0		6.68E-04	4.20E-04	2.92E-06	2.78E-03	6.57E-04	5.43E-03	1.37E-04	5.28E-03	0.07	3.73E-04	3.02E-03	3.56E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.70E-07	0.05
179	Secondary School A	686291.4	4865064.3		6.59E-04	3.62E-04	2.52E-06	2.78E-03	6.50E-04	5.37E-03	1.18E-04	5.17E-03	0.07	3.68E-04	3.02E-03	3.07E-04	3.16E-03	1.56E-03	0.04	0.22		0.01	4.06E-07	0.05
180	Secondary School B	683875.0	4864741.7		7.17E-04	7.44E-04	5.18E-06	2.79E-03	6.98E-04	5.78E-03	2.43E-04	5.90E-03	0.07	3.96E-04	3.02E-03	6.31E-04	3.30E-03	1.57E-03	0.05	0.22		0.01	8.33E-07	0.05
181	Secondary School C	684650.3	4866460.3		6.57E-04	3.45E-04	2.40E-06	2.78E-03	6.48E-04	5.35E-03	1.12E-04	5.14E-03	0.07	3.67E-04	3.02E-03	2.92E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.86E-07	0.05
182	Secondary School D	678099.5	4864838.2		6.71E-04	4.38E-04	3.04E-06	2.78E-03	6.59E-04	5.45E-03	1.43E-04	5.32E-03	0.07	3.74E-04	3.02E-03	3.71E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.90E-07	0.05
183	Secondary School E	678467.0	4863431.2		6.90E-04	5.64E-04	3.92E-06	2.79E-03	6.75E-04	5.59E-03	1.84E-04	5.56E-03	0.07	3.83E-04	3.02E-03	4.78E-04	3.23E-03	1.56E-03	0.04	0.22		0.01	6.31E-07	0.05
184	Secondary School F	674144.9	4862762.7		6.53E-04	3.21E-04	2.23E-06	2.77E-03	6.45E-04	5.32E-03	1.05E-04	5.10E-03	0.07	3.65E-04	3.02E-03	2.72E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.59E-07	0.05
185	Secondary School G	673816.0	4864357.1		6.47E-04	2.84E-04	1.97E-06	2.77E-03	6.40E-04	5.28E-03	9.25E-05	5.03E-03	0.07	3.63E-04	3.02E-03	2.41E-04	3.13E-03	1.56E-03	0.04	0.21		0.01	3.18E-07	0.05
186	Secondary School H	673145.4	4858569.0		6.58E-04	3.57E-04	2.48E-06	2.78E-03	6.49E-04	5.36E-03	1.16E-04	5.16E-03	0.07	3.68E-04	3.02E-03	3.02E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.99E-07	0.05
187	Secondary School I	671291.7	4863581.3		6.39E-04	2.28E-04	1.59E-06	2.77E-03	6.33E-04	5.22E-03	7.43E-05	4.92E-03	0.07	3.59E-04	3.02E-03	1.93E-04	3.10E-03	1.56E-03	0.04	0.21		0.01	2.55E-07	0.05
188	Secondary School J	671443.2	4861664.9		6.32E-04	1.85E-04	1.29E-06	2.77E-03	6.27E-04	5.18E-03	6.04E-05	4.84E-03	0.07	3.55E-04	3.02E-03	1.57E-04	3.09E-03	1.55E-03	0.04	0.21		0.01	2.07E-07	0.05
189	Secondary School K	673235.3	4860885.0		6.42E-04	2.50E-04	1.74E-06	2.77E-03	6.36E-04	5.25E-03	8.17E-05	4.96E-03	0.07	3.60E-04	3.02E-03	2.12E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.80E-07	0.05
190	Secondary School L	684252.7	4866500.5		6.64E-04	3.96E-04	2.76E-06	2.78E-03	6.54E-04	5.41E-03	1.29E-04	5.24E-03	0.07	3.71E-04	3.02E-03	3.36E-04	3.17E-03	1.56E-03	0.04	0.22		0.01	4.44E-07	0.05
191	Secondary School M	673914.1	4859551.7		6.82E-04	5.12E-04	3.56E-06	2.78E-03	6.69E-04	5.53E-03	1.67E-04	5.46E-03	0.07	3.79E-04	3.02E-03	4.34E-04	3.21E-03	1.56E-03	0.04	0.22		0.01	5.74E-07	0.05
192	Secondary School N	675051.5	4864177.2		6.56E-04	3.38E-04	2.35E-06	2.77E-03	6.47E-04	5.34E-03	1.10E-04	5.13E-03	0.07	3.67E-04	3.02E-03	2.87E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.78E-07	0.05
193	Adult School	685276.1	4866019.8		6.67E-04	4.13E-04	2.87E-06	2.78E-03	6.56E-04	5.43E-03	1.35E-04	5.27E-												

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)																			Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )	8.45E-05
1	Campground 10	678526.8	4859996.8	Updated Facility Contaminant Emission Rate (g/s)	2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02		8.45E-05	2.13E-06	2.13E-06
				Background Concentration (µg/m <sup>3</sup> )	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.04	0.21		0.01		0.05
210	Port Darlington 2	686184.8	4861252.0		7.58E-04	1.01E-03	7.02E-06	2.81E-03	7.31E-04	6.07E-03	3.29E-04	6.40E-03	0.07	4.15E-04	3.03E-03	8.55E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.13E-06	0.05
211	Port Darlington 3	686151.2	4861286.8		7.00E-04	6.33E-04	4.40E-06	2.79E-03	6.84E-04	5.66E-03	2.06E-04	5.69E-03	0.07	3.88E-04	3.02E-03	5.37E-04	3.26E-03	1.57E-03	0.05	0.22		0.01	7.09E-07	0.05
212	Port Darlington 4	686351.1	4861341.6		6.97E-04	6.13E-04	4.26E-06	2.79E-03	6.81E-04	5.64E-03	2.00E-04	5.65E-03	0.07	3.87E-04	3.02E-03	5.20E-04	3.25E-03	1.56E-03	0.05	0.22		0.01	6.86E-07	0.05
213	Port Darlington 5	686406.8	4861448.7		7.14E-04	7.20E-04	5.01E-06	2.79E-03	6.95E-04	5.76E-03	2.35E-04	5.85E-03	0.07	3.94E-04	3.02E-03	6.10E-04	3.29E-03	1.57E-03	0.05	0.22		0.01	8.06E-07	0.05
214	Port Darlington 6	686504.5	4861604.0		7.17E-04	7.39E-04	5.14E-06	2.79E-03	6.97E-04	5.78E-03	2.41E-04	5.89E-03	0.07	3.96E-04	3.02E-03	6.27E-04	3.30E-03	1.57E-03	0.05	0.22		0.01	8.28E-07	0.05
215	Port Darlington 7	686703.0	4861789.3		7.15E-04	7.30E-04	5.08E-06	2.79E-03	6.96E-04	5.77E-03	2.38E-04	5.87E-03	0.07	3.95E-04	3.02E-03	6.19E-04	3.30E-03	1.57E-03	0.05	0.22		0.01	8.17E-07	0.05
216	Port Darlington 8	686895.8	4861960.2		7.00E-04	6.28E-04	4.37E-06	2.79E-03	6.83E-04	5.66E-03	2.05E-04	5.68E-03	0.07	3.88E-04	3.02E-03	5.33E-04	3.26E-03	1.57E-03	0.05	0.22		0.01	7.03E-07	0.05
217	Port Darlington 9	686867.4	4862119.7		6.79E-04	4.89E-04	3.40E-06	2.78E-03	6.66E-04	5.51E-03	1.60E-04	5.42E-03	0.07	3.78E-04	3.02E-03	4.15E-04	3.20E-03	1.56E-03	0.04	0.22		0.01	5.48E-07	0.05
218	Port Darlington 10	687190.7	4862048.8		6.71E-04	4.37E-04	3.04E-06	2.78E-03	6.59E-04	5.45E-03	1.42E-04	5.32E-03	0.07	3.74E-04	3.02E-03	3.70E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.89E-07	0.05
219	Port Darlington 11	687524.4	4862126.8		6.67E-04	4.14E-04	2.88E-06	2.78E-03	6.56E-04	5.43E-03	1.35E-04	5.27E-03	0.07	3.72E-04	3.02E-03	3.51E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.64E-07	0.05
220	Campground 1	678646.3	4860337.7		6.64E-04	3.93E-04	2.73E-06	2.78E-03	6.54E-04	5.40E-03	1.28E-04	5.23E-03	0.07	3.71E-04	3.02E-03	3.33E-04	3.17E-03	1.56E-03	0.04	0.22		0.01	4.40E-07	0.05
221	Campground 2	678410.2	4860148.6		8.48E-04	1.60E-03	1.11E-05	2.84E-03	8.06E-04	6.72E-03	5.22E-04	7.52E-03	0.07	4.59E-04	3.03E-03	1.36E-03	3.63E-03	1.59E-03	0.05	0.23		0.01	1.79E-06	0.05
222	Campground 3	678651.0	4860054.4		8.13E-04	1.38E-03	9.57E-06	2.83E-03	7.77E-04	6.47E-03	4.48E-04	7.09E-03	0.07	4.42E-04	3.03E-03	1.17E-03	3.54E-03	1.58E-03	0.05	0.23		0.01	1.54E-06	0.05
223	Campground 4	678725.9	4859860.7		7.69E-04	1.08E-03	7.53E-06	2.81E-03	7.40E-04	6.15E-03	3.53E-04	6.54E-03	0.07	4.21E-04	3.03E-03	9.17E-04	3.43E-03	1.58E-03	0.05	0.22		0.01	1.21E-06	0.05
224	Campground 5	678511.1	4859808.6		7.67E-04	1.07E-03	7.44E-06	2.81E-03	7.39E-04	6.14E-03	3.49E-04	6.51E-03	0.07	4.20E-04	3.03E-03	9.07E-04	3.43E-03	1.58E-03	0.05	0.22		0.01	1.20E-06	0.05
225	Campground 6	678869.5	4859696.0		7.23E-04	7.78E-04	5.42E-06	2.80E-03	7.02E-04	5.82E-03	2.54E-04	5.96E-03	0.07	3.99E-04	3.03E-03	6.60E-04	3.31E-03	1.57E-03	0.05	0.22		0.01	8.72E-07	0.05
226	Campground 7	678723.9	4860201.8		7.49E-04	9.50E-04	6.61E-06	2.80E-03	7.24E-04	6.01E-03	3.10E-04	6.29E-03	0.07	4.11E-04	3.03E-03	8.06E-04	3.38E-03	1.57E-03	0.05	0.22		0.01	1.06E-06	0.05
227	Campground 8	678796.0	4860011.4		8.34E-04	1.51E-03	1.05E-05	2.83E-03	7.94E-04	6.62E-03	4.92E-04	7.34E-03	0.07	4.52E-04	3.03E-03	1.28E-03	3.59E-03	1.59E-03	0.05	0.23		0.01	1.69E-06	0.05
228	Campground 9	678852.7	4859854.2		7.56E-04	1.00E-03	6.95E-06	2.81E-03	7.30E-04	6.06E-03	3.26E-04	6.38E-03	0.07	4.15E-04	3.03E-03	8.47E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.12E-06	0.05
229	Solina 1	681099.6	4861677.2		7.93E-04	1.24E-03	8.62E-06	2.82E-03	7.60E-04	6.32E-03	4.04E-04	6.84E-03	0.07	4.32E-04	3.03E-03	1.05E-03	3.49E-03	1.58E-03	0.05	0.22		0.01	1.39E-06	0.05
230	Solina 2	681115.7	4861857.7		7.90E-04	1.22E-03	8.52E-06	2.82E-03	7.58E-04	6.31E-03	3.99E-04	6.81E-03	0.07	4.31E-04	3.03E-03	1.04E-03	3.49E-03	1.58E-03	0.05	0.22		0.01	1.37E-06	0.05
231	Solina 3	680987.4	4861983.5		7.93E-04	1.24E-03	8.65E-06	2.82E-03	7.61E-04	6.33E-03	4.05E-04	6.84E-03	0.07	4.33E-04	3.03E-03	1.05E-03	3.49E-03	1.58E-03	0.05	0.22		0.01	1.39E-06	0.05
232	Solina 4	680965.0	4862068.1		7.75E-04	1.12E-03	7.80E-06	2.81E-03	7.45E-04	6.19E-03	3.65E-04	6.61E-03	0.07	4.24E-04	3.03E-03	9.50E-04	3.45E-03	1.58E-03	0.05	0.22		0.01	1.25E-06	0.05
233	Solina 5	681021.5	4862086.7		7.86E-04	1.20E-03	8.33E-06	2.82E-03	7.55E-04	6.28E-03	3.90E-04	6.76E-03	0.07	4.29E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.05	0.22		0.01	1.34E-06	0.05
234	Solina 6	680939.8	4862124.3		7.51E-04	9.64E-04	6.71E-06	2.81E-03	7.26E-04	6.02E-03	3.14E-04	6.31E-03	0.07	4.12E-04	3.03E-03	8.17E-04	3.39E-03	1.57E-03	0.05	0.22		0.01	1.08E-06	0.05
235	Solina 7	680988.2	4862183.6		7.64E-04	1.05E-03	7.32E-06	2.81E-03	7.37E-04	6.12E-03	3.43E-04	6.48E-03	0.07	4.19E-04	3.03E-03	8.92E-04	3.42E-03	1.58E-03	0.05	0.22		0.01	1.18E-06	0.05
236	Solina 8	680984.6	4862209.8		7.55E-04	9.90E-04	6.88E-06	2.81E-03	7.29E-04	6.05E-03	3.23E-04	6.36E-03	0.07	4.14E-04	3.03E-03	8.39E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.11E-06	0.05
237	Solina 9	680958.6	4862294.9		7.45E-04	9.29E-04	6.46E-06	2.80E-03	7.21E-04	5.99E-03	3.03E-04	6.25E-03	0.07	4.10E-04	3.03E-03	7.87E-04	3.37E-03	1.57E-03	0.05	0.22		0.01	1.04E-06	0.05
238	Solina 10	680858.0	4862324.3		7.68E-04	1.08E-03	7.49E-06	2.81E-03	7.40E-04	6.15E-03	3.51E-04	6.53E-03	0.07	4.20E-04	3.03E-03	9.13E-04	3.43E-03	1.58E-03	0.05	0.22		0.01	1.21E-06	0.05
239	Solina 11	680990.3	4862403.5		7.41E-04	9.00E-04	6.26E-06	2.80E-03	7.17E-04	5.95E-03	2.93E-04	6.19E-03	0.07	4.07E-04	3.03E-03	7.63E-04	3.36E-03	1.57E-03	0.05	0.22		0.01	1.01E-06	0.05
240	Recreational 1	681545.0	4860865.0		7.70E-04	1.09E-03	7.58E-06	2.81E-03	7.41E-04	6.16E-03	3.55E-04	6.55E-03	0.07	4.21E-04	3.03E-03	9.24E-04	3.43E-03	1.58E-03	0.05	0.22		0.01	1.22E-06	0.05
241	Recreational 2	681563.7	4860687.4		8.30E-04	1.48E-03	1.03E-05	2.83E-03	7.91E-04	6.59E-03	4.84E-04	7.30E-03	0.07	4.50E-04	3.03E-03	1.26E-03	3.58E-03	1.59E-03	0.05	0.23		0.01	1.66E-06	0.05
242	Recreational 3	681579.7	4860610.0		8.03E-04	1.31E-03	9.09E-06	2.82E-03	7.69E-04	6.40E-03	4.26E-04	6.96E-03	0.07	4.37E-04	3.03E-03	1.11E-03	3.52E-03	1.58E-03	0.05	0.22		0.01	1.46E-06	0.05
243	Recreational 6	681876.6	4860254.4		8.68E-04	1.73E-03	1.21E-05	2.84E-03	8.23E-04	6.86E-03	5.66E-04	7.77E-03	0.07	4.68E-04	3.04E-03	1.47E-03	3.68E-03	1.59E-03	0.05	0.23		0.01	1.94E-06	0.05
244	Recreational 7	682166.9	4860324.4		8.33E-04	1.50E-03	1.05E-05	2.83E-03	7.93E-04	6.61E-03	4.90E-04	7.34E-03	0.07	4.51E-04	3.03E-03	1.27E-03	3.59E-03	1.59E-03	0.05	0.23		0.01	1.68E-06	0.05
245	Darlington 1	679565.4	4861052.9		9.40E-04	2.21E-03	1.54E-05	2.87E-03	8.82E-04	7.38E-03	7.20E-04	8.67E-03	0.07	5.03E-04	3.04E-03	1.87E-03	3.86E-03	1.61E-03	0.05	0.23		0.01	2.47E-06	0.05
246	Darlington 2																							

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)																			Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m³)	8.45E-05
1	Campground 10	678526.8	4859996.8	Updated Facility Contaminant Emission Rate (g/s)	2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02		8.45E-05	2.13E-06	2.13E-06
				Background Concentration (µg/m³)	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.04	0.21		0.01		0.05
262	Light Ind. 10	680092.5	4861185.1		7.58E-04	1.01E-03	7.02E-06	2.81E-03	7.31E-04	6.07E-03	3.29E-04	6.40E-03	0.07	4.15E-04	3.03E-03	8.55E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.13E-06	0.05
263	Light Ind. 11	680071.6	4861246.6		8.30E-04	1.49E-03	1.03E-05	2.83E-03	7.91E-04	6.59E-03	4.85E-04	7.30E-03	0.07	4.50E-04	3.03E-03	1.26E-03	3.59E-03	1.59E-03	0.05	0.23		0.01	1.66E-06	0.05
264	Light Ind. 12	680021.4	4861186.9		8.36E-04	1.52E-03	1.06E-05	2.83E-03	7.96E-04	6.63E-03	4.96E-04	7.37E-03	0.07	4.53E-04	3.03E-03	1.29E-03	3.60E-03	1.59E-03	0.05	0.23		0.01	1.70E-06	0.05
265	Future Industrial 7	680816.2	4860219.3		8.43E-04	1.57E-03	1.09E-05	2.83E-03	8.02E-04	6.68E-03	5.11E-04	7.46E-03	0.07	4.56E-04	3.03E-03	1.33E-03	3.62E-03	1.59E-03	0.05	0.23		0.01	1.76E-06	0.05
266	Future Industrial 8	680398.0	4860731.8		7.62E-04	1.04E-03	7.22E-06	2.81E-03	7.35E-04	6.10E-03	3.38E-04	6.45E-03	0.07	4.17E-04	3.03E-03	8.79E-04	3.41E-03	1.58E-03	0.05	0.22		0.01	1.16E-06	0.05
267	Future Industrial 1	680359.6	4859959.2		1.06E-03	3.00E-03	2.08E-05	2.90E-03	9.81E-04	8.23E-03	9.77E-04	0.01	0.07	5.60E-04	3.05E-03	2.54E-03	4.16E-03	1.63E-03	0.06	0.24		0.01	3.35E-06	0.05
268	Future Industrial 2	680083.7	4859985.7		7.64E-04	1.05E-03	7.32E-06	2.81E-03	7.37E-04	6.12E-03	3.43E-04	6.48E-03	0.07	4.19E-04	3.03E-03	8.93E-04	3.42E-03	1.58E-03	0.05	0.22		0.01	1.18E-06	0.05
269	Future Industrial 3	680819.9	4860705.3		7.85E-04	1.19E-03	8.25E-06	2.82E-03	7.53E-04	6.27E-03	3.87E-04	6.73E-03	0.07	4.28E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.05	0.22		0.01	1.33E-06	0.05
270	Future Industrial 4	681070.0	4859937.2		9.63E-04	2.36E-03	1.64E-05	2.87E-03	9.02E-04	7.54E-03	7.70E-04	8.96E-03	0.07	5.14E-04	3.04E-03	2.00E-03	3.92E-03	1.61E-03	0.05	0.24		0.01	2.64E-06	0.05
271	Future Industrial 5	679898.8	4860067.4		7.86E-04	1.19E-03	8.29E-06	2.82E-03	7.54E-04	6.27E-03	3.89E-04	6.75E-03	0.07	4.29E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.05	0.22		0.01	1.33E-06	0.05
272	Future Industrial 6	680134.8	4860694.1		8.21E-04	1.42E-03	9.89E-06	2.83E-03	7.83E-04	6.52E-03	4.64E-04	7.18E-03	0.07	4.46E-04	3.03E-03	1.21E-03	3.56E-03	1.59E-03	0.05	0.23		0.01	1.59E-06	0.05
273	Future Industrial 11	680253.7	4860255.2		9.11E-04	2.01E-03	1.40E-05	2.86E-03	8.58E-04	7.17E-03	6.57E-04	8.30E-03	0.07	4.89E-04	3.04E-03	1.71E-03	3.79E-03	1.60E-03	0.05	0.23		0.01	2.26E-06	0.05
274	Future Industrial 12	679901.2	4860511.8		8.36E-04	1.52E-03	1.06E-05	2.83E-03	7.96E-04	6.63E-03	4.97E-04	7.38E-03	0.07	4.53E-04	3.03E-03	1.29E-03	3.60E-03	1.59E-03	0.05	0.23		0.01	1.71E-06	0.05
275	Commercial Farmer	679867.8	4860445.4		8.07E-04	1.33E-03	9.27E-06	2.82E-03	7.72E-04	6.42E-03	4.34E-04	7.01E-03	0.07	4.39E-04	3.03E-03	1.13E-03	3.53E-03	1.58E-03	0.05	0.22		0.01	1.49E-06	0.05
276	Farmer	679277.0	4859981.5		7.97E-04	1.27E-03	8.80E-06	2.82E-03	7.63E-04	6.35E-03	4.13E-04	6.88E-03	0.07	4.34E-04	3.03E-03	1.07E-03	3.50E-03	1.58E-03	0.05	0.22		0.01	1.42E-06	0.05
277	Residence	679387.2	4860648.9		7.69E-04	1.08E-03	7.52E-06	2.81E-03	7.40E-04	6.15E-03	3.52E-04	6.54E-03	0.07	4.21E-04	3.03E-03	9.16E-04	3.43E-03	1.58E-03	0.05	0.22		0.01	1.21E-06	0.05
278	Barn	679261.9	4860574.2		8.15E-04	1.39E-03	9.66E-06	2.83E-03	7.79E-04	6.49E-03	4.53E-04	7.12E-03	0.07	4.43E-04	3.03E-03	1.18E-03	3.55E-03	1.58E-03	0.05	0.23		0.01	1.55E-06	0.05
279	Residence	680150.7	4861295.7		7.86E-04	1.20E-03	8.34E-06	2.82E-03	7.55E-04	6.28E-03	3.91E-04	6.76E-03	0.07	4.29E-04	3.03E-03	1.02E-03	3.48E-03	1.58E-03	0.05	0.22		0.01	1.34E-06	0.05
280	Residence	679939.8	4861213.4		8.19E-04	1.41E-03	9.80E-06	2.83E-03	7.82E-04	6.51E-03	4.60E-04	7.16E-03	0.07	4.45E-04	3.03E-03	1.19E-03	3.56E-03	1.59E-03	0.05	0.23		0.01	1.58E-06	0.05
281	Farmer	679939.8	4861213.4		8.55E-04	1.65E-03	1.15E-05	2.84E-03	8.12E-04	6.77E-03	5.38E-04	7.61E-03	0.07	4.62E-04	3.03E-03	1.40E-03	3.65E-03	1.59E-03	0.05	0.23		0.01	1.85E-06	0.05
282	Farmer	680855.7	4861456.9		8.55E-04	1.65E-03	1.15E-05	2.84E-03	8.12E-04	6.77E-03	5.37E-04	7.61E-03	0.07	4.62E-04	3.03E-03	1.40E-03	3.65E-03	1.59E-03	0.05	0.23		0.01	1.85E-06	0.05
283	Residence	681386.2	4861673.3		8.28E-04	1.47E-03	1.02E-05	2.83E-03	7.89E-04	6.58E-03	4.80E-04	7.27E-03	0.07	4.49E-04	3.03E-03	1.25E-03	3.58E-03	1.59E-03	0.05	0.23		0.01	1.65E-06	0.05
284	Business	680683.5	4861597.9		8.26E-04	1.46E-03	1.01E-05	2.83E-03	7.88E-04	6.56E-03	4.75E-04	7.25E-03	0.07	4.48E-04	3.03E-03	1.24E-03	3.57E-03	1.59E-03	0.05	0.23		0.01	1.63E-06	0.05
285	Farmer	680064.3	4861343.7		8.47E-04	1.60E-03	1.11E-05	2.84E-03	8.05E-04	6.71E-03	5.20E-04	7.51E-03	0.07	4.58E-04	3.03E-03	1.35E-03	3.63E-03	1.59E-03	0.05	0.23		0.01	1.79E-06	0.05
286	Farmer	679680.1	4861213.5		8.80E-04	1.82E-03	1.26E-05	2.85E-03	8.33E-04	6.95E-03	5.92E-04	7.93E-03	0.07	4.74E-04	3.04E-03	1.54E-03	3.71E-03	1.60E-03	0.05	0.23		0.01	2.03E-06	0.05
287	Youth Centre	681344.8	4861792.9		7.88E-04	1.21E-03	8.40E-06	2.82E-03	7.56E-04	6.29E-03	3.94E-04	6.78E-03	0.07	4.30E-04	3.03E-03	1.02E-03	3.48E-03	1.58E-03	0.05	0.22		0.01	1.35E-06	0.05
288	Bowmanville Arena	685644.2	4864814.8		6.84E-04	5.23E-04	3.64E-06	2.78E-03	6.70E-04	5.55E-03	1.71E-04	5.48E-03	0.07	3.80E-04	3.02E-03	4.44E-04	3.22E-03	1.56E-03	0.04	0.22		0.01	5.86E-07	0.05
289	Bowmanville Rec Complex	685462.9	4864615.2		6.83E-04	5.20E-04	3.62E-06	2.78E-03	6.70E-04	5.54E-03	1.70E-04	5.47E-03	0.07	3.80E-04	3.02E-03	4.41E-04	3.22E-03	1.56E-03	0.04	0.22		0.01	5.82E-07	0.05
290	Recreation Complex	684160.3	4864604.5		6.94E-04	5.92E-04	4.12E-06	2.79E-03	6.79E-04	5.62E-03	1.93E-04	5.61E-03	0.07	3.85E-04	3.02E-03	5.02E-04	3.24E-03	1.56E-03	0.04	0.22		0.01	6.63E-07	0.05
291	Superdog Central	684586.6	4862406.3		6.86E-04	5.36E-04	3.73E-06	2.78E-03	6.72E-04	5.56E-03	1.75E-04	5.50E-03	0.07	3.81E-04	3.02E-03	4.54E-04	3.22E-03	1.56E-03	0.04	0.22		0.01	6.00E-07	0.05
292	Equestrian Centre	681487.7	4865723.3		6.61E-04	3.72E-04	2.59E-06	2.78E-03	6.51E-04	5.38E-03	1.21E-04	5.19E-03	0.07	3.69E-04	3.02E-03	3.16E-04	3.16E-03	1.56E-03	0.04	0.22		0.01	4.17E-07	0.05
293	Flea Market	681567.1	4863670.7		7.24E-04	7.87E-04	5.47E-06	2.80E-03	7.03E-04	5.83E-03	2.56E-04	5.98E-03	0.07	3.99E-04	3.03E-03	6.67E-04	3.32E-03	1.57E-03	0.05	0.22		0.01	8.81E-07	0.05
294	Equestrian Centre	678574.6	4862819.4		7.34E-04	8.51E-04	5.92E-06	2.80E-03	7.11E-04	5.90E-03	2.77E-04	6.10E-03	0.07	4.04E-04	3.03E-03	7.21E-04	3.34E-03	1.57E-03	0.05	0.22		0.01	9.52E-07	0.05
295	Courtice Community Comp	680030.8	4867320.2		6.46E-04	2.75E-04	1.91E-06	2.77E-03	6.39E-04	5.28E-03	8.96E-05	5.01E-03	0.07	3.62E-04	3.02E-03	2.33E-04	3.12E-03	1.56E-03	0.04	0.21		0.01	3.08E-07	0.05
296	Former Restaurant	678099.3	4864629.8		6.76E-04	4.74E-04	3.30E-06	2.78E-03	6.64E-04	5.49E-03	1.55E-04	5.39E-03	0.07	3.76E-04	3.02E-03	4.02E-04	3.20E-03	1.56E-03	0.04	0.22		0.01	5.31E-07	0.05
297	Commercial	679830.2	4860702.2		7.93E-04	1.24E-03	8.63E-06	2.82E-03	7.60E-04	6.33E-03	4.05E-04	6.84E-03	0.07	4.32E-04	3.03E-03	1.05E-03	3.49E-03	1.58E-03	0.05	0.22		0.01	1.39E-06	0.05
298	GM Oshawa Headquarters	679364.8	4861016.0		8.58E-04	1.67E																		

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)																			Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )	8.45E-05
1	Campground 10	678526.8	4859996.8	Updated Facility Contaminant Emission Rate (g/s)	2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02				
				Background Concentration (µg/m <sup>3</sup> )	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.04	0.21		0.01		0.05
314	Soper 2	687241.9	4863171.7		7.58E-04	1.01E-03	7.02E-06	2.81E-03	7.31E-04	6.07E-03	3.29E-04	6.40E-03	0.07	4.15E-04	3.03E-03	8.55E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.13E-06	0.05
315	Soper 3	687023.2	4863903.8		6.57E-04	3.48E-04	2.42E-06	2.78E-03	6.48E-04	5.35E-03	1.13E-04	5.15E-03	0.07	3.67E-04	3.02E-03	2.95E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.89E-07	0.05
316	Soper 4	688158.2	4865389.3		6.69E-04	4.25E-04	2.96E-06	2.78E-03	6.58E-04	5.44E-03	1.39E-04	5.29E-03	0.07	3.73E-04	3.02E-03	3.60E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.76E-07	0.05
317	Soper 5	685027.3	4868253.9		6.57E-04	3.51E-04	2.44E-06	2.78E-03	6.48E-04	5.36E-03	1.14E-04	5.15E-03	0.07	3.67E-04	3.02E-03	2.97E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.93E-07	0.05
318	Soper 6	687287.4	4867037.3		6.57E-04	3.46E-04	2.41E-06	2.78E-03	6.48E-04	5.35E-03	1.13E-04	5.14E-03	0.07	3.67E-04	3.02E-03	2.93E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.87E-07	0.05
319	Soper 7	685683.2	4867148.1		6.46E-04	2.75E-04	1.91E-06	2.77E-03	6.39E-04	5.28E-03	8.97E-05	5.01E-03	0.07	3.62E-04	3.02E-03	2.33E-04	3.12E-03	1.56E-03	0.04	0.21		0.01	3.08E-07	0.05
320	Soper 8	686748.7	4865874.7		6.50E-04	2.99E-04	2.08E-06	2.77E-03	6.42E-04	5.30E-03	9.75E-05	5.06E-03	0.07	3.64E-04	3.02E-03	2.54E-04	3.13E-03	1.56E-03	0.04	0.21		0.01	3.35E-07	0.05
321	Bowmanville 1	687026.3	4862368.4		6.62E-04	3.82E-04	2.66E-06	2.78E-03	6.52E-04	5.39E-03	1.25E-04	5.21E-03	0.07	3.70E-04	3.02E-03	3.24E-04	3.16E-03	1.56E-03	0.04	0.22		0.01	4.28E-07	0.05
322	Bowmanville 2	686625.7	4863020.3		6.65E-04	4.00E-04	2.78E-06	2.78E-03	6.54E-04	5.41E-03	1.30E-04	5.25E-03	0.07	3.71E-04	3.02E-03	3.39E-04	3.17E-03	1.56E-03	0.04	0.22		0.01	4.48E-07	0.05
323	Bowmanville 3	683380.3	4865365.9		6.58E-04	3.56E-04	2.48E-06	2.78E-03	6.49E-04	5.36E-03	1.16E-04	5.16E-03	0.07	3.68E-04	3.02E-03	3.02E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.99E-07	0.05
324	Bowmanville 4	683111.4	4867150.3		6.93E-04	5.84E-04	4.06E-06	2.79E-03	6.78E-04	5.61E-03	1.90E-04	5.59E-03	0.07	3.84E-04	3.02E-03	4.95E-04	3.24E-03	1.56E-03	0.04	0.22		0.01	6.54E-07	0.05
325	Bowmanville 5	682452.2	4869417.5		6.87E-04	5.48E-04	3.81E-06	2.79E-03	6.73E-04	5.57E-03	1.79E-04	5.53E-03	0.07	3.82E-04	3.02E-03	4.65E-04	3.23E-03	1.56E-03	0.04	0.22		0.01	6.13E-07	0.05
326	Bowmanville 6	684778.5	4864888.2		6.36E-04	2.08E-04	1.45E-06	2.77E-03	6.30E-04	5.20E-03	6.79E-05	4.88E-03	0.07	3.57E-04	3.02E-03	1.77E-04	3.10E-03	1.55E-03	0.04	0.21		0.01	2.33E-07	0.05
327	Bowmanville 7	684549.5	4866404.4		6.63E-04	3.88E-04	2.70E-06	2.78E-03	6.53E-04	5.40E-03	1.26E-04	5.22E-03	0.07	3.70E-04	3.02E-03	3.29E-04	3.17E-03	1.56E-03	0.04	0.22		0.01	4.34E-07	0.05
328	Upper Tooley 1	679944.8	4864883.1		6.59E-04	3.61E-04	2.51E-06	2.78E-03	6.50E-04	5.37E-03	1.18E-04	5.17E-03	0.07	3.68E-04	3.02E-03	3.06E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	4.04E-07	0.05
329	Upper Tooley 2	679944.8	4864883.1		6.80E-04	5.00E-04	3.48E-06	2.78E-03	6.67E-04	5.52E-03	1.63E-04	5.43E-03	0.07	3.78E-04	3.02E-03	4.24E-04	3.21E-03	1.56E-03	0.04	0.22		0.01	5.59E-07	0.05
330	Upper Tooley 3	679714.0	4862767.4		6.84E-04	5.26E-04	3.66E-06	2.78E-03	6.70E-04	5.55E-03	1.71E-04	5.48E-03	0.07	3.80E-04	3.02E-03	4.46E-04	3.22E-03	1.56E-03	0.04	0.22		0.01	5.88E-07	0.05
331	Upper Tooley 4	678898.8	4861800.6		7.35E-04	8.57E-04	5.96E-06	2.80E-03	7.12E-04	5.91E-03	2.80E-04	6.11E-03	0.07	4.04E-04	3.03E-03	7.27E-04	3.34E-03	1.57E-03	0.05	0.22		0.01	9.60E-07	0.05
332	Upper Tooley 5	680353.5	4862156.5		8.15E-04	1.39E-03	9.66E-06	2.83E-03	7.79E-04	6.49E-03	4.53E-04	7.12E-03	0.07	4.43E-04	3.03E-03	1.18E-03	3.55E-03	1.58E-03	0.05	0.23		0.01	1.55E-06	0.05
333	Upper Tooley 6	679818.1	4861625.7		7.83E-04	1.18E-03	8.19E-06	2.82E-03	7.52E-04	6.26E-03	3.84E-04	6.72E-03	0.07	4.28E-04	3.03E-03	9.98E-04	3.47E-03	1.58E-03	0.05	0.22		0.01	1.32E-06	0.05
334	Robinson 1	678434.8	4860943.1		7.91E-04	1.23E-03	8.53E-06	2.82E-03	7.59E-04	6.31E-03	4.00E-04	6.81E-03	0.07	4.31E-04	3.03E-03	1.04E-03	3.49E-03	1.58E-03	0.05	0.22		0.01	1.37E-06	0.05
335	Robinson 2	677752.6	4861240.6		7.87E-04	1.20E-03	8.34E-06	2.82E-03	7.55E-04	6.28E-03	3.91E-04	6.76E-03	0.07	4.29E-04	3.03E-03	1.02E-03	3.48E-03	1.58E-03	0.05	0.22		0.01	1.34E-06	0.05
336	Robinson 3	677642.2	4861787.2		7.54E-04	9.88E-04	6.87E-06	2.81E-03	7.29E-04	6.05E-03	3.22E-04	6.36E-03	0.07	4.14E-04	3.03E-03	8.38E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.11E-06	0.05
337	Robinson 4	678532.7	4862143.6		7.30E-04	8.30E-04	5.77E-06	2.80E-03	7.09E-04	5.88E-03	2.71E-04	6.06E-03	0.07	4.02E-04	3.03E-03	7.04E-04	3.33E-03	1.57E-03	0.05	0.22		0.01	9.29E-07	0.05
338	Robinson 5	678005.1	4862784.9		7.81E-04	1.16E-03	8.09E-06	2.82E-03	7.51E-04	6.24E-03	3.79E-04	6.69E-03	0.07	4.27E-04	3.03E-03	9.86E-04	3.46E-03	1.58E-03	0.05	0.22		0.01	1.30E-06	0.05
339	Robinson 6	677882.7	4860587.7		7.46E-04	9.29E-04	6.46E-06	2.80E-03	7.21E-04	5.99E-03	3.03E-04	6.25E-03	0.07	4.10E-04	3.03E-03	7.88E-04	3.37E-03	1.57E-03	0.05	0.22		0.01	1.04E-06	0.05
340	F/B 1	677443.1	4867862.1		7.42E-04	9.05E-04	6.30E-06	2.80E-03	7.18E-04	5.96E-03	2.95E-04	6.20E-03	0.07	4.08E-04	3.03E-03	7.67E-04	3.36E-03	1.57E-03	0.05	0.22		0.01	1.01E-06	0.05
341	F/B 2	679667.4	4866611.4		6.48E-04	2.90E-04	2.02E-06	2.77E-03	6.41E-04	5.29E-03	9.47E-05	5.04E-03	0.07	3.63E-04	3.02E-03	2.46E-04	3.13E-03	1.56E-03	0.04	0.21		0.01	3.25E-07	0.05
342	F/B 3	678655.0	4867470.1		6.67E-04	4.16E-04	2.90E-06	2.78E-03	6.57E-04	5.43E-03	1.36E-04	5.28E-03	0.07	3.72E-04	3.02E-03	3.53E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.66E-07	0.05
343	F/B 4	676191.2	4866844.7		6.72E-04	4.45E-04	3.10E-06	2.78E-03	6.60E-04	5.46E-03	1.45E-04	5.33E-03	0.07	3.74E-04	3.02E-03	3.78E-04	3.19E-03	1.56E-03	0.04	0.22		0.01	4.99E-07	0.05
344	F/B 5	678273.3	4866093.0		6.50E-04	3.02E-04	2.10E-06	2.77E-03	6.42E-04	5.30E-03	9.84E-05	5.06E-03	0.07	3.64E-04	3.02E-03	2.56E-04	3.13E-03	1.56E-03	0.04	0.21		0.01	3.38E-07	0.05
345	F/B 6	678273.3	4866093.0		6.65E-04	3.97E-04	2.76E-06	2.78E-03	6.54E-04	5.41E-03	1.30E-04	5.24E-03	0.07	3.71E-04	3.02E-03	3.37E-04	3.17E-03	1.56E-03	0.04	0.22		0.01	4.45E-07	0.05
346	F/B 7	681241.2	4867098.8		6.54E-04	3.31E-04	2.30E-06	2.77E-03	6.46E-04	5.34E-03	1.08E-04	5.11E-03	0.07	3.66E-04	3.02E-03	2.80E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.70E-07	0.05
347	F/B 8	682165.3	4868082.3		6.43E-04	2.54E-04	1.77E-06	2.77E-03	6.36E-04	5.25E-03	8.30E-05	4.97E-03	0.07	3.60E-04	3.02E-03	2.16E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.85E-07	0.05
348	F/B 9	679366.6	4868628.3		6.53E-04	3.24E-04	2.25E-06	2.77E-03	6.45E-04	5.33E-03	1.06E-04	5.10E-03	0.07	3.65E-04	3.02E-03	2.74E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.62E-07	0.05
349	F/B 10	680310.1	4869967.1		6.34E-04	1.93E-04	1.34E-06	2.77E-03	6.28E-04	5.19E-03	6.30E-05	4.85E-03	0.07	3.56E-04	3.02E-03	1.64E-04	3.09E-03	1.55E-03	0.04	0.21		0.01	2.16E-07	0.05
350	F/B 11	676487.3	4869291.6		6.62E-04</																			



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)																			Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )	8.45E-05
1	Campground 10	678526.8	4859996.8	Updated Facility Contaminant Emission Rate (g/s)	2.89E-04	1.90E-03	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02		8.45E-05	2.13E-06	2.13E-06
				Background Concentration (µg/m <sup>3</sup> )	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.04	0.21		0.01		0.05
366	Harmony Creek 2	674592.0	4862605.3		7.58E-04	1.01E-03	7.02E-06	2.81E-03	7.31E-04	6.07E-03	3.29E-04	6.40E-03	0.07	4.15E-04	3.03E-03	8.55E-04	3.40E-03	1.57E-03	0.05	0.22		0.01	1.13E-06	0.05
367	Harmony Creek 3	672863.4	4862808.0		6.56E-04	3.38E-04	2.35E-06	2.77E-03	6.47E-04	5.34E-03	1.10E-04	5.13E-03	0.07	3.67E-04	3.02E-03	2.87E-04	3.15E-03	1.56E-03	0.04	0.22		0.01	3.79E-07	0.05
368	Harmony Creek 4	675671.6	4864469.0		6.45E-04	2.68E-04	1.87E-06	2.77E-03	6.38E-04	5.27E-03	8.75E-05	5.00E-03	0.07	3.61E-04	3.02E-03	2.28E-04	3.12E-03	1.56E-03	0.04	0.21		0.01	3.01E-07	0.05
369	Harmony Creek 5	672443.1	4864713.0		7.02E-04	6.41E-04	4.46E-06	2.79E-03	6.85E-04	5.67E-03	2.09E-04	5.70E-03	0.07	3.89E-04	3.02E-03	5.44E-04	3.26E-03	1.57E-03	0.05	0.22		0.01	7.18E-07	0.05
370	Harmony Creek 6	674830.5	4866909.6		6.41E-04	2.45E-04	1.70E-06	2.77E-03	6.35E-04	5.24E-03	7.98E-05	4.95E-03	0.07	3.60E-04	3.02E-03	2.07E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.74E-07	0.05
371	Harmony Creek 7	675799.9	4868594.1		6.51E-04	3.09E-04	2.15E-06	2.77E-03	6.43E-04	5.31E-03	1.01E-04	5.07E-03	0.07	3.64E-04	3.02E-03	2.62E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.46E-07	0.05
372	Westside 1	686082.6	4862776.6		6.54E-04	3.31E-04	2.30E-06	2.77E-03	6.46E-04	5.34E-03	1.08E-04	5.11E-03	0.07	3.66E-04	3.02E-03	2.80E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.70E-07	0.05
373	Westside 2	685778.7	4862137.9		6.65E-04	3.98E-04	2.77E-06	2.78E-03	6.54E-04	5.41E-03	1.30E-04	5.24E-03	0.07	3.71E-04	3.02E-03	3.38E-04	3.17E-03	1.56E-03	0.04	0.22		0.01	4.46E-07	0.05
374	Westside 3	685084.2	4862827.4		6.80E-04	4.98E-04	3.47E-06	2.78E-03	6.67E-04	5.52E-03	1.63E-04	5.43E-03	0.07	3.78E-04	3.02E-03	4.23E-04	3.21E-03	1.56E-03	0.04	0.22		0.01	5.58E-07	0.05
375	Darlington 1	680977.5	4865674.4		6.69E-04	4.23E-04	2.95E-06	2.78E-03	6.57E-04	5.44E-03	1.38E-04	5.29E-03	0.07	3.73E-04	3.02E-03	3.59E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.74E-07	0.05
376	Darlington 2	680913.9	4863967.1		6.67E-04	4.15E-04	2.89E-06	2.78E-03	6.56E-04	5.43E-03	1.35E-04	5.27E-03	0.07	3.72E-04	3.02E-03	3.52E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.65E-07	0.05
377	Darlington 3	682602.8	4863659.6		6.99E-04	6.23E-04	4.33E-06	2.79E-03	6.83E-04	5.65E-03	2.03E-04	5.67E-03	0.07	3.87E-04	3.02E-03	5.28E-04	3.26E-03	1.57E-03	0.05	0.22		0.01	6.97E-07	0.05
378	Darlington 4	682206.4	4862910.4		7.73E-04	1.11E-03	7.71E-06	2.81E-03	7.44E-04	6.18E-03	3.62E-04	6.59E-03	0.07	4.23E-04	3.03E-03	9.40E-04	3.44E-03	1.58E-03	0.05	0.22		0.01	1.24E-06	0.05
379	Darlington 5	683223.2	4861114.0		7.83E-04	1.18E-03	8.17E-06	2.82E-03	7.52E-04	6.25E-03	3.83E-04	6.71E-03	0.07	4.28E-04	3.03E-03	9.96E-04	3.47E-03	1.58E-03	0.05	0.22		0.01	1.32E-06	0.05
380	Darlington 6	683947.7	4862362.0		7.54E-04	9.85E-04	6.85E-06	2.81E-03	7.28E-04	6.05E-03	3.21E-04	6.35E-03	0.07	4.14E-04	3.03E-03	8.35E-04	3.39E-03	1.57E-03	0.05	0.22		0.01	1.10E-06	0.05
381	Darlington 7	685361.9	4861143.4		7.16E-04	7.32E-04	5.10E-06	2.79E-03	6.96E-04	5.77E-03	2.39E-04	5.88E-03	0.07	3.95E-04	3.02E-03	6.21E-04	3.30E-03	1.57E-03	0.05	0.22		0.01	8.20E-07	0.05
382	Bennett ECO/HH	688606.4	4862634.8		6.95E-04	5.94E-04	4.13E-06	2.79E-03	6.79E-04	5.62E-03	1.94E-04	5.61E-03	0.07	3.85E-04	3.02E-03	5.04E-04	3.24E-03	1.56E-03	0.05	0.22		0.01	6.65E-07	0.05
383	Oshawa ECO/HH	673884.9	4859128.9		6.52E-04	3.15E-04	2.19E-06	2.77E-03	6.44E-04	5.32E-03	1.03E-04	5.08E-03	0.07	3.65E-04	3.02E-03	2.67E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.53E-07	0.05
384	Oshawa Creek 1	671671.2	4862793.7		7.12E-04	7.10E-04	4.94E-06	2.79E-03	6.94E-04	5.75E-03	2.31E-04	5.83E-03	0.07	3.94E-04	3.02E-03	6.02E-04	3.29E-03	1.57E-03	0.05	0.22		0.01	7.95E-07	0.05
385	Oshawa Creek 2	671668.5	4861589.5		6.42E-04	2.47E-04	1.72E-06	2.77E-03	6.35E-04	5.24E-03	8.05E-05	4.96E-03	0.07	3.60E-04	3.02E-03	2.09E-04	3.11E-03	1.56E-03	0.04	0.21		0.01	2.76E-07	0.05
386	Oshawa Creek 3	672820.2	4861287.2		6.32E-04	1.81E-04	1.26E-06	2.77E-03	6.27E-04	5.17E-03	5.90E-05	4.83E-03	0.07	3.55E-04	3.02E-03	1.53E-04	3.09E-03	1.55E-03	0.04	0.21		0.01	2.03E-07	0.05
387	Oshawa Creek 4	672360.3	4860262.6		6.34E-04	1.99E-04	1.39E-06	2.77E-03	6.29E-04	5.19E-03	6.50E-05	4.87E-03	0.07	3.56E-04	3.02E-03	1.69E-04	3.09E-03	1.55E-03	0.04	0.21		0.01	2.23E-07	0.05
388	Oshawa Creek 5	673921.2	4860115.0		6.46E-04	2.78E-04	1.93E-06	2.77E-03	6.39E-04	5.28E-03	9.07E-05	5.02E-03	0.07	3.62E-04	3.02E-03	2.36E-04	3.12E-03	1.56E-03	0.04	0.21		0.01	3.11E-07	0.05
389	Oshawa Creek 6	673154.0	4859421.9		6.54E-04	3.27E-04	2.28E-06	2.77E-03	6.45E-04	5.33E-03	1.07E-04	5.11E-03	0.07	3.66E-04	3.02E-03	2.78E-04	3.14E-03	1.56E-03	0.04	0.21		0.01	3.67E-07	0.05
390	Farmer	677409.8	4861051.4		6.85E-04	5.31E-04	3.70E-06	2.78E-03	6.71E-04	5.55E-03	1.73E-04	5.49E-03	0.07	3.81E-04	3.02E-03	4.50E-04	3.22E-03	1.56E-03	0.04	0.22		0.01	5.95E-07	0.05
391	Commercial Market	688276.3	4864698.5		8.23E-04	1.44E-03	1.00E-05	2.83E-03	7.85E-04	6.54E-03	4.69E-04	7.22E-03	0.07	4.47E-04	3.03E-03	1.22E-03	3.57E-03	1.59E-03	0.05	0.23		0.01	1.61E-06	0.05
					6.70E-04	4.30E-04	2.99E-06	2.78E-03	6.58E-04	5.44E-03	1.40E-04	5.30E-03	0.07	3.73E-04	3.02E-03	3.65E-04	3.18E-03	1.56E-03	0.04	0.22		0.01	4.82E-07	0.05



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06		5.59E-06	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00
					Background Concentration (µg/m³)			8.76E-04	6.25E-05		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	
1	Campground 10	678526.8	485996.8		3.81E-06	1.15E-06	2.26E-06	8.81E-04	6.36E-05	2.97E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
2	ECO 2	675490.4	4860360.1		1.85E-06	5.57E-07	1.10E-06	8.78E-04	6.30E-05	1.44E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
3	Recreational 5	681642.0	4860349.3		6.45E-06	1.94E-06	3.82E-06	8.84E-04	6.44E-05	5.02E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	
4	ECO 4	676831.5	4859840.9		4.04E-06	1.22E-06	2.40E-06	8.81E-04	6.37E-05	3.15E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
5	Bow. Valley Cons. 3	685767.2	4863879.0		1.81E-06	5.44E-07	1.07E-06	8.78E-04	6.30E-05	1.41E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
6	ECO 6	679647.8	4859989.3		4.55E-06	1.37E-06	2.70E-06	8.82E-04	6.38E-05	3.54E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
7	ECO 7	681578.8	4862070.1		4.56E-06	1.37E-06	2.70E-06	8.82E-04	6.38E-05	3.55E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
8	ECO 8	679735.5	4861048.6		8.58E-06	2.58E-06	5.08E-06	8.86E-04	6.50E-05	6.67E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	
9	ECO 9	687219.7	4864249.3		1.67E-06	5.02E-07	9.88E-07	8.78E-04	6.30E-05	1.30E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
10	ECO 10	686519.0	4861987.6		1.83E-06	5.49E-07	1.08E-06	8.78E-04	6.30E-05	1.42E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
11	ECO 11	679870.4	4859737.9		4.38E-06	1.32E-06	2.60E-06	8.81E-04	6.38E-05	3.41E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
12	Recreational 4	681575.5	4860557.7		4.10E-06	1.23E-06	2.43E-06	8.81E-04	6.37E-05	3.19E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
13	Future Industrial 9	680704.5	4859857.8		4.19E-06	1.26E-06	2.48E-06	8.81E-04	6.37E-05	3.26E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
14	Future Industrial 10	680608.0	4860719.6		8.44E-06	2.54E-06	5.00E-06	8.86E-04	6.50E-05	6.57E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.41E-03	1.35E-04	9.66E-05	
15	Harmony Creek	673992.4	4865641.4		1.77E-06	5.32E-07	1.05E-06	8.78E-04	6.30E-05	1.38E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
16	Farewell Creek	678079.2	4868822.7		1.46E-06	4.40E-07	8.67E-07	8.78E-04	6.29E-05	1.14E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
17	Farmer	681378.6	4860335.0		6.75E-06	2.03E-06	4.00E-06	8.84E-04	6.45E-05	5.26E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	
18	Watson Farm	682883.4	4864219.7		4.00E-06	1.20E-06	2.37E-06	8.81E-04	6.37E-05	3.11E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
19	Racanski Farm	678929.2	4865530.2		2.58E-06	7.76E-07	1.53E-06	8.79E-04	6.32E-05	2.01E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
20	Zoo	687216.8	4864835.3		1.35E-06	4.08E-07	8.03E-07	8.78E-04	6.29E-05	1.05E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
21	Cedar Crest Beach	686652.1	4861660.9		2.69E-06	8.10E-07	1.60E-06	8.79E-04	6.33E-05	2.10E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
22	Darlington Prov Park Beach	677844.6	4859718.2		4.20E-06	1.26E-06	2.49E-06	8.81E-04	6.37E-05	3.27E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
23	OPG 1	682258.1	4860045.0		4.42E-06	1.33E-06	2.62E-06	8.81E-04	6.38E-05	3.44E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
24	OPG 2	682551.4	4859889.1		3.26E-06	9.81E-07	1.93E-06	8.80E-04	6.34E-05	2.53E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
25	OPG 3	682824.6	4859759.3		2.70E-06	8.12E-07	1.60E-06	8.79E-04	6.33E-05	2.10E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
26	OPG 4	683021.6	4859937.3		3.08E-06	9.27E-07	1.83E-06	8.80E-04	6.34E-05	2.40E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
27	OPG 5	683318.2	4859677.8		2.35E-06	7.08E-07	1.39E-06	8.79E-04	6.32E-05	1.83E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
28	OPG 6	683306.9	4860023.0		2.97E-06	8.93E-07	1.76E-06	8.80E-04	6.34E-05	2.31E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
29	OPG 7	683718.6	4859915.8		2.51E-06	7.57E-07	1.49E-06	8.79E-04	6.32E-05	1.96E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
30	OPG 8	682702.0	4859998.6		3.57E-06	1.08E-06	2.12E-06	8.80E-04	6.35E-05	2.78E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
31	OPG 9	684347.7	4861184.6		2.58E-06	7.77E-07	1.53E-06	8.79E-04	6.32E-05	2.01E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
32	OPG 10	682157.2	4861228.2		4.39E-06	1.32E-06	2.60E-06	8.81E-04	6.38E-05	3.42E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
33	St. Mary's 1	684557.0	4861070.0		2.80E-06	8.43E-07	1.66E-06	8.80E-04	6.33E-05	2.18E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
34	St. Mary's 2	684657.3	4861320.8		2.34E-06	7.05E-07	1.39E-06	8.79E-04	6.32E-05	1.82E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
35	St. Mary's 3	684905.3	4861154.4		2.81E-06	8.47E-07	1.67E-06	8.80E-04	6.33E-05	2.19E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
36	Court. Subdivision 1	677328.4	4862976.1		2.88E-06	8.67E-07	1.71E-06	8.80E-04	6.33E-05	2.24E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
37	Court. Subdivision 2	676187.9	4862611.1		2.34E-06	7.05E-07	1.39E-06	8.79E-04	6.32E-05	1.82E-06	3.09E-04</														

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06		5.59E-06	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00
				Background Concentration (µg/m³)				8.76E-04	6.25E-05		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	
1	Campground 10	678526.8	4859996.8		3.81E-06	1.15E-06	2.26E-06	8.81E-04	6.36E-05	2.97E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
54	Bow. Subdivision 9	684777.3	4863330.5		2.11E-06	6.36E-07	1.25E-06	8.79E-04	6.31E-05	1.64E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
55	Bow. Subdivision 10	685266.0	4863243.1		2.10E-06	6.31E-07	1.24E-06	8.79E-04	6.31E-05	1.63E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
56	Osh/Court Subdivision 1	677396.8	4860977.3		5.38E-06	1.62E-06	3.19E-06	8.83E-04	6.41E-05	4.19E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	
57	Osh/Court Subdivision 2	676633.5	4860816.8		2.47E-06	7.43E-07	1.46E-06	8.79E-04	6.32E-05	1.92E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
58	Osh/Court Subdivision 3	676916.0	4861925.0		2.29E-06	6.89E-07	1.36E-06	8.79E-04	6.32E-05	1.78E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
59	Osh/Court Subdivision 4	676730.5	4861317.1		4.01E-06	1.21E-06	2.38E-06	8.81E-04	6.37E-05	3.12E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
60	Osh/Court Subdivision 5	676087.2	4861392.3		2.87E-06	8.63E-07	1.70E-06	8.80E-04	6.33E-05	2.23E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
61	Osh/Court Subdivision 6	676177.1	4861722.2		2.07E-06	6.23E-07	1.23E-06	8.79E-04	6.31E-05	1.61E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
62	Osh/Court Subdivision 7	675670.7	4861783.2		1.94E-06	5.85E-07	1.15E-06	8.79E-04	6.31E-05	1.51E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
63	Osh/Court Subdivision 8	676050.8	4862055.7		2.36E-06	7.09E-07	1.40E-06	8.79E-04	6.32E-05	1.83E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
64	Osh/Court Subdivision 9	676636.9	4862134.3		2.56E-06	7.70E-07	1.52E-06	8.79E-04	6.32E-05	1.99E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
65	Osh/Court Subdivision 10	676571.3	4861634.8		2.35E-06	7.09E-07	1.39E-06	8.79E-04	6.32E-05	1.83E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
66	Bow. Subdivision 11	684649.2	4863182.7		2.12E-06	6.39E-07	1.26E-06	8.79E-04	6.31E-05	1.65E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
67	Daycare B	685172.4	4863933.1		1.50E-06	4.52E-07	8.91E-07	8.78E-04	6.29E-05	1.17E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
68	Daycare C	685452.0	4863104.4		1.89E-06	5.70E-07	1.12E-06	8.79E-04	6.30E-05	1.47E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
69	Daycare D	685527.7	4864693.3		2.00E-06	6.01E-07	1.18E-06	8.79E-04	6.31E-05	1.55E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
70	Daycare E	685735.4	4864790.8		1.86E-06	5.59E-07	1.10E-06	8.78E-04	6.30E-05	1.45E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
71	Daycare F	685520.3	4864854.3		2.02E-06	6.07E-07	1.19E-06	8.79E-04	6.31E-05	1.57E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
72	Daycare G	685441.9	4864878.0		1.96E-06	5.89E-07	1.16E-06	8.79E-04	6.31E-05	1.52E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
73	Daycare H	686364.8	4864707.8		1.23E-06	3.71E-07	7.31E-07	8.78E-04	6.28E-05	9.60E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
74	Daycare I	685721.6	4865127.3		1.83E-06	5.51E-07	1.08E-06	8.78E-04	6.30E-05	1.42E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
75	Daycare J	678256.3	4863565.4		1.93E-06	5.82E-07	1.15E-06	8.79E-04	6.31E-05	1.50E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
76	Daycare K	677694.1	4864043.7		1.70E-06	5.11E-07	1.01E-06	8.78E-04	6.30E-05	1.32E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
77	Daycare L	676479.5	4862526.2		2.43E-06	7.30E-07	1.44E-06	8.79E-04	6.32E-05	1.89E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
78	Daycare M	678320.9	4864763.5		1.63E-06	4.91E-07	9.67E-07	8.78E-04	6.30E-05	1.27E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
79	Daycare N	678513.4	4865058.0		1.40E-06	4.22E-07	8.30E-07	8.78E-04	6.29E-05	1.09E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
80	Daycare O	672788.7	4863936.6		8.65E-07	2.61E-07	5.13E-07	8.77E-04	6.27E-05	6.74E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05	
81	Daycare P	673952.8	4863592.5		1.21E-06	3.63E-07	7.15E-07	8.78E-04	6.28E-05	9.39E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
82	Daycare Q	671751.8	4864887.7		8.91E-07	2.68E-07	5.28E-07	8.77E-04	6.27E-05	6.93E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
83	Daycare R	685714.4	4864667.4		1.76E-06	5.30E-07	1.04E-06	8.78E-04	6.30E-05	1.37E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
84	Daycare S	684177.9	4863618.2		3.15E-06	9.48E-07	1.87E-06	8.80E-04	6.34E-05	2.45E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
85	Daycare T	678423.6	4864480.4		1.84E-06	5.55E-07	1.09E-06	8.78E-04	6.30E-05	1.44E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
86	Daycare U	685330.5	4863435.1		1.98E-06	5.96E-07	1.17E-06	8.79E-04	6.31E-05	1.54E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
87	Daycare V	685153.2	4863236.9		1.96E-06	5.89E-07	1.16E-06	8.79E-04	6.31E-05	1.52E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
88	Daycare W	672679.0	4862044.9		1.11E-06	3.34E-07	6.57E-07	8.78E-04	6.28E-05	8.63E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
89	Daycare X	672076.5	4865285.8		1.01E-06	3.03E-07	5.96E-07	8.77E-04	6.28E-0																

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06		5.59E-06	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00
					Background Concentration (µg/m³)			8.76E-04	6.25E-05		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	
1	Campground 10	678526.8	485996.8		3.81E-06	1.15E-06	2.26E-06	8.81E-04	6.36E-05	2.97E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
106	Daycare OO	673201.0	4864746.4		1.05E-06	3.17E-07	6.24E-07	8.78E-04	6.28E-05	8.20E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
107	Daycare PP	674794.5	4864915.4		1.89E-06	5.68E-07	1.12E-06	8.78E-04	6.30E-05	1.47E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
108	Hospital	686324.2	4864395.8		1.64E-06	4.93E-07	9.70E-07	8.78E-04	6.30E-05	1.27E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
109	Hospital (Children  s)	676057.8	4862180.9		2.63E-06	7.92E-07	1.56E-06	8.79E-04	6.33E-05	2.05E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
110	Hospital	671233.2	4863615.9		8.39E-07	2.53E-07	4.97E-07	8.77E-04	6.27E-05	6.53E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05	
111	Comm. Resp. Services	676045.4	4863902.5		2.24E-06	6.74E-07	1.33E-06	8.79E-04	6.31E-05	1.74E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
112	Hospital	671712.7	4862364.1		9.35E-07	2.81E-07	5.54E-07	8.77E-04	6.28E-05	7.28E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
113	Retirement Residence A	684199.9	4864120.3		2.15E-06	6.46E-07	1.27E-06	8.79E-04	6.31E-05	1.67E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
114	Retirement Residence B	685483.9	4865150.9		1.63E-06	4.92E-07	9.69E-07	8.78E-04	6.30E-05	1.27E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
115	Retirement Residence C	686844.0	4864732.1		1.42E-06	4.29E-07	8.44E-07	8.78E-04	6.29E-05	1.11E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
116	Retirement Residence D	673481.7	4863343.4		1.30E-06	3.90E-07	7.68E-07	8.78E-04	6.29E-05	1.01E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
117	Retirement Residence E	671825.2	4864399.0		7.91E-07	2.38E-07	4.69E-07	8.77E-04	6.27E-05	6.16E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05	
118	Retirement Residence F	671606.3	4864536.0		8.01E-07	2.41E-07	4.75E-07	8.77E-04	6.27E-05	6.24E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05	
119	Retirement Residence G	671357.1	4862958.7		9.28E-07	2.79E-07	5.50E-07	8.77E-04	6.28E-05	7.22E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
120	Retirement Residence H	671514.0	4862262.9		9.68E-07	2.91E-07	5.74E-07	8.77E-04	6.28E-05	7.53E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
121	Retirement Residence I	672602.2	4863075.9		9.71E-07	2.92E-07	5.75E-07	8.77E-04	6.28E-05	7.56E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
122	Retirement Residence J	671719.1	4862893.1		9.40E-07	2.83E-07	5.57E-07	8.77E-04	6.28E-05	7.32E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
123	Retirement Residence K	686718.0	4865648.7		1.46E-06	4.38E-07	8.63E-07	8.78E-04	6.29E-05	1.13E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
124	Retirement Residence L	676168.7	4865669.9		1.49E-06	4.47E-07	8.81E-07	8.78E-04	6.29E-05	1.16E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
125	Retirement Residence M	676118.5	4863980.7		2.36E-06	7.10E-07	1.40E-06	8.79E-04	6.32E-05	1.84E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
126	Bow. Subdivision 12	684649.2	4863182.7		2.12E-06	6.39E-07	1.26E-06	8.79E-04	6.31E-05	1.65E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
127	Primary School B	685384.8	4863575.3		2.00E-06	6.03E-07	1.19E-06	8.79E-04	6.31E-05	1.56E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
128	Primary School C	685021.6	4863952.9		1.47E-06	4.43E-07	8.72E-07	8.78E-04	6.29E-05	1.15E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
129	Primary School D	686237.0	4864085.5		1.74E-06	5.22E-07	1.03E-06	8.78E-04	6.30E-05	1.35E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
130	Primary School E	686719.0	4863734.7		1.66E-06	5.01E-07	9.86E-07	8.78E-04	6.30E-05	1.29E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
131	Primary School F	686357.0	4864754.9		1.17E-06	3.52E-07	6.93E-07	8.78E-04	6.28E-05	9.10E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
132	Primary School G	685502.0	4865013.4		1.83E-06	5.52E-07	1.09E-06	8.78E-04	6.30E-05	1.43E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
133	Primary School H	686726.7	4866061.5		1.37E-06	4.13E-07	8.13E-07	8.78E-04	6.29E-05	1.07E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
134	Primary School I	685186.2	4866568.2		1.25E-06	3.77E-07	7.43E-07	8.78E-04	6.29E-05	9.75E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
135	Primary School J	685965.3	4866979.0		1.27E-06	3.82E-07	7.52E-07	8.78E-04	6.29E-05	9.88E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
136	Primary School K	677709.9	4864726.5		1.33E-06	4.02E-07	7.91E-07	8.78E-04	6.29E-05	1.04E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
137	Primary School L	675988.3	4864270.2		2.64E-06	7.93E-07	1.56E-06	8.79E-04	6.33E-05	2.05E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
138	Primary School M	676608.7	4862739.0		1.74E-06	5.24E-07	1.03E-06	8.78E-04	6.30E-05	1.35E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
139	Primary School N	677222.2	4863759.1		2.83E-06	8.52E-07	1.68E-06	8.80E-04	6.33E-05	2.20E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
140	Primary School O	678154.9	4863872.7		1.62E-06	4.89E-07	9.63E-07	8.78E-04	6.30E-05	1.26E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
141	Court. Subdivision 12	678309.6	4863600.8		1.94E-06	5.83E-07	1.15E-06	8.79E-04	6.31E-05																



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06		5.59E-06	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00
					Background Concentration (µg/m <sup>3</sup> )			8.76E-04	6.25E-05			3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05
1	Campground 10	678526.8	485996.8		3.81E-06	1.15E-06	2.26E-06	8.81E-04	6.36E-05	2.97E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05
158	Primary School GG	671659.7	4863120.0		9.47E-07	2.85E-07	5.61E-07	8.77E-04	6.28E-05	7.37E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
159	Primary School HH	673853.4	4866711.0		1.95E-06	5.88E-07	1.16E-06	8.79E-04	6.31E-05	1.52E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05
160	Primary School II	672616.7	4862114.9		1.08E-06	3.26E-07	6.42E-07	8.78E-04	6.28E-05	8.44E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
161	Primary School JJ	673567.2	4861899.5		1.40E-06	4.21E-07	8.28E-07	8.78E-04	6.29E-05	1.09E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
162	Primary School KK	671791.0	4861954.2		9.94E-07	2.99E-07	5.89E-07	8.77E-04	6.28E-05	7.73E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
163	Primary School LL	673762.3	4864210.6		1.04E-06	3.12E-07	6.14E-07	8.77E-04	6.28E-05	8.06E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
164	Primary School MM	672238.8	4864621.3		9.00E-07	2.71E-07	5.34E-07	8.77E-04	6.27E-05	7.01E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
165	Primary School NN	673213.6	4858677.0		1.39E-06	4.18E-07	8.23E-07	8.78E-04	6.29E-05	1.08E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
166	Primary School OO	675474.8	4863221.7		1.62E-06	4.87E-07	9.59E-07	8.78E-04	6.30E-05	1.26E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
167	Primary School PP	672441.8	4858748.6		1.66E-06	5.00E-07	9.84E-07	8.78E-04	6.30E-05	1.29E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
168	Primary School QQ	672796.8	4864438.2		9.23E-07	2.78E-07	5.47E-07	8.77E-04	6.28E-05	7.18E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
169	Primary School RR	671351.4	4863284.0		9.04E-07	2.72E-07	5.36E-07	8.77E-04	6.27E-05	7.04E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
170	Primary School SS	673213.9	4862125.5		1.34E-06	4.02E-07	7.91E-07	8.78E-04	6.29E-05	1.04E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
171	Primary School TT	671017.9	4860953.7		7.70E-07	2.32E-07	4.56E-07	8.77E-04	6.27E-05	5.99E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05
172	Primary School UU	670991.0	4861089.8		6.94E-07	2.09E-07	4.11E-07	8.77E-04	6.27E-05	5.40E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05
173	Primary School VV	674150.1	4862294.8		1.32E-06	3.97E-07	7.82E-07	8.78E-04	6.29E-05	1.03E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05
174	Primary School WW	672005.2	4861707.9		8.89E-07	2.68E-07	5.27E-07	8.77E-04	6.27E-05	6.92E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
175	Primary School XX	684172.1	4863615.6		3.21E-06	9.66E-07	1.90E-06	8.80E-04	6.34E-05	2.50E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05
176	Primary School YY	683923.3	4866636.4		1.61E-06	4.85E-07	9.55E-07	8.78E-04	6.30E-05	1.25E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
177	Primary School ZZ	680446.0	4865770.5		1.18E-06	3.54E-07	6.97E-07	8.78E-04	6.28E-05	9.15E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
178	Vacant School	685612.9	4864520.0		1.59E-06	4.77E-07	9.40E-07	8.78E-04	6.29E-05	1.23E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
179	Secondary School A	686291.4	4865064.3		1.37E-06	4.12E-07	8.11E-07	8.78E-04	6.29E-05	1.07E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05
180	Secondary School B	683875.0	4864741.7		2.81E-06	8.46E-07	1.67E-06	8.80E-04	6.33E-05	2.19E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05
181	Secondary School C	684650.3	4866460.3		1.30E-06	3.92E-07	7.71E-07	8.78E-04	6.29E-05	1.01E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05
182	Secondary School D	678099.5	4864838.2		1.65E-06	4.98E-07	9.80E-07	8.78E-04	6.30E-05	1.29E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
183	Secondary School E	678467.0	4863431.2		2.13E-06	6.41E-07	1.26E-06	8.79E-04	6.31E-05	1.66E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05
184	Secondary School F	674144.9	4862762.7		1.21E-06	3.65E-07	7.18E-07	8.78E-04	6.28E-05	9.43E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
185	Secondary School G	673816.0	4864357.1		1.07E-06	3.23E-07	6.35E-07	8.78E-04	6.28E-05	8.35E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
186	Secondary School H	673145.4	4858569.0		1.35E-06	4.06E-07	7.98E-07	8.78E-04	6.29E-05	1.05E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05
187	Secondary School I	671291.7	4863581.3		8.61E-07	2.59E-07	5.10E-07	8.77E-04	6.27E-05	6.70E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05
188	Secondary School J	671443.2	4861664.9		7.00E-07	2.11E-07	4.15E-07	8.77E-04	6.27E-05	5.45E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05
189	Secondary School K	673235.3	4860885.0		9.46E-07	2.85E-07	5.61E-07	8.77E-04	6.28E-05	7.37E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
190	Secondary School L	684252.7	4866500.5		1.50E-06	4.51E-07	8.88E-07	8.78E-04	6.29E-05	1.17E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
191	Secondary School M	673914.1	4859551.7		1.94E-06	5.83E-07	1.15E-06	8.79E-04	6.31E-05	1.51E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05
192	Secondary School N	675051.5	4864177.2		1.28E-06	3.84E-07	7.57E-07	8.78E-04	6.29E-05	9.94E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.39E-03	1.3	

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06		5.59E-06	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00
					Background Concentration (µg/m³)			8.76E-04	6.25E-05		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	
1	Campground 10	678526.8	485996.8		3.81E-06	1.15E-06	2.26E-06	8.81E-04	6.36E-05	2.97E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
210	Port Darlington 2	686184.8	4861252.0		2.39E-06	7.20E-07	1.42E-06	8.79E-04	6.32E-05	1.86E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
211	Port Darlington 3	686151.2	4861286.8		2.32E-06	6.97E-07	1.37E-06	8.79E-04	6.32E-05	1.80E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
212	Port Darlington 4	686351.1	4861341.6		2.72E-06	8.18E-07	1.61E-06	8.79E-04	6.33E-05	2.12E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
213	Port Darlington 5	686406.8	4861448.7		2.79E-06	8.41E-07	1.66E-06	8.80E-04	6.33E-05	2.17E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
214	Port Darlington 6	686504.5	4861604.0		2.76E-06	8.30E-07	1.63E-06	8.80E-04	6.33E-05	2.15E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
215	Port Darlington 7	686703.0	4861789.3		2.37E-06	7.15E-07	1.41E-06	8.79E-04	6.32E-05	1.85E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
216	Port Darlington 8	686895.8	4861960.2		1.85E-06	5.57E-07	1.10E-06	8.78E-04	6.30E-05	1.44E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
217	Port Darlington 9	686867.4	4862119.7		1.65E-06	4.97E-07	9.77E-07	8.78E-04	6.30E-05	1.28E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
218	Port Darlington 10	687190.7	4862048.8		1.57E-06	4.71E-07	9.27E-07	8.78E-04	6.29E-05	1.22E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
219	Port Darlington 11	687524.4	4862126.8		1.49E-06	4.47E-07	8.80E-07	8.78E-04	6.29E-05	1.16E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
220	Campground 1	678646.3	4860337.7		6.05E-06	1.82E-06	3.59E-06	8.83E-04	6.43E-05	4.71E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	
221	Campground 2	678410.2	4860148.6		5.20E-06	1.56E-06	3.08E-06	8.82E-04	6.40E-05	4.04E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	
222	Campground 3	678651.0	4860054.4		4.09E-06	1.23E-06	2.42E-06	8.81E-04	6.37E-05	3.18E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
223	Campground 4	678725.9	4859860.7		4.04E-06	1.22E-06	2.40E-06	8.81E-04	6.37E-05	3.15E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
224	Campground 5	678511.1	4859808.6		2.94E-06	8.86E-07	1.74E-06	8.80E-04	6.34E-05	2.29E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
225	Campground 6	678869.5	4859696.0		3.59E-06	1.08E-06	2.13E-06	8.81E-04	6.35E-05	2.79E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
226	Campground 7	678723.9	4860201.8		5.70E-06	1.72E-06	3.38E-06	8.83E-04	6.42E-05	4.44E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	
227	Campground 8	678796.0	4860011.4		3.78E-06	1.14E-06	2.24E-06	8.81E-04	6.36E-05	2.94E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
228	Campground 9	678852.7	4859854.2		3.78E-06	1.14E-06	2.24E-06	8.81E-04	6.36E-05	2.94E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
229	Solina 1	681099.6	4861677.2		4.68E-06	1.41E-06	2.78E-06	8.82E-04	6.39E-05	3.65E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
230	Solina 2	681115.7	4861857.7		4.63E-06	1.39E-06	2.74E-06	8.82E-04	6.39E-05	3.60E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
231	Solina 3	680987.4	4861983.5		4.70E-06	1.41E-06	2.78E-06	8.82E-04	6.39E-05	3.66E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
232	Solina 4	680965.0	4862068.1		4.24E-06	1.27E-06	2.51E-06	8.81E-04	6.37E-05	3.30E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
233	Solina 5	681021.5	4862086.7		4.52E-06	1.36E-06	2.68E-06	8.82E-04	6.38E-05	3.52E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
234	Solina 6	680939.8	4862124.3		3.64E-06	1.10E-06	2.16E-06	8.81E-04	6.36E-05	2.83E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
235	Solina 7	680988.2	4862183.6		3.97E-06	1.20E-06	2.36E-06	8.81E-04	6.37E-05	3.09E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
236	Solina 8	680984.6	4862209.8		3.74E-06	1.13E-06	2.22E-06	8.81E-04	6.36E-05	2.91E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
237	Solina 9	680958.6	4862294.9		3.51E-06	1.06E-06	2.08E-06	8.80E-04	6.35E-05	2.73E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
238	Solina 10	680858.0	4862324.3		4.07E-06	1.23E-06	2.41E-06	8.81E-04	6.37E-05	3.17E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
239	Solina 11	680990.3	4862403.5		3.40E-06	1.02E-06	2.01E-06	8.80E-04	6.35E-05	2.65E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
240	Recreational 1	681545.0	4860865.0		4.12E-06	1.24E-06	2.44E-06	8.81E-04	6.37E-05	3.20E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
241	Recreational 2	681563.7	4860687.4		5.61E-06	1.69E-06	3.32E-06	8.83E-04	6.41E-05	4.36E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	
242	Recreational 3	681579.7	4860610.0		4.94E-06	1.49E-06	2.92E-06	8.82E-04	6.39E-05	3.84E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	
243	Recreational 6	681876.6	4860254.4		6.56E-06	1.97E-06	3.88E-06	8.84E-04	6.44E-05	5.10E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	
244	Recreational 7	682166.9	4860324.4		5.68E-06	1.71E-06	3.37E-06	8.83E-04	6.42E-05	4.42E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	
245	Darlington 1	679565.4	4861052.9		8.35E-06	2.51E-06	4.95E-06																		

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06		5.59E-06	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00
					Background Concentration (µg/m³)			8.76E-04	6.25E-05			3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05
1	Campground 10	678526.8	4859996.8		3.81E-06	1.15E-06	2.26E-06	8.81E-04	6.36E-05	2.97E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05
262	Light Ind. 10	680092.5	4861185.1		5.62E-06	1.69E-06	3.33E-06	8.83E-04	6.41E-05	4.37E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05
263	Light Ind. 11	680071.6	4861246.6		5.75E-06	1.73E-06	3.41E-06	8.83E-04	6.42E-05	4.48E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05
264	Light Ind. 12	680021.4	4861186.9		5.93E-06	1.78E-06	3.51E-06	8.83E-04	6.42E-05	4.61E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05
265	Future Industrial 7	680816.2	4860219.3		3.92E-06	1.18E-06	2.32E-06	8.81E-04	6.36E-05	3.05E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05
266	Future Industrial 8	680398.0	4860731.8		1.13E-05	3.41E-06	6.71E-06	8.90E-04	6.58E-05	8.81E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.34E-05	6.80E-05	1.36E-04	1.56E-03	1.35E-04	9.67E-05
267	Future Industrial 1	680359.6	4859959.2		3.98E-06	1.20E-06	2.36E-06	8.81E-04	6.37E-05	3.10E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05
268	Future Industrial 2	680083.7	4859985.7		4.48E-06	1.35E-06	2.66E-06	8.82E-04	6.38E-05	3.49E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05
269	Future Industrial 3	680819.9	4860705.3		8.92E-06	2.69E-06	5.29E-06	8.87E-04	6.51E-05	6.94E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05
270	Future Industrial 4	681070.0	4859937.2		4.50E-06	1.36E-06	2.67E-06	8.82E-04	6.38E-05	3.51E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05
271	Future Industrial 5	679898.8	4860067.4		5.37E-06	1.62E-06	3.18E-06	8.83E-04	6.41E-05	4.18E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05
272	Future Industrial 6	680134.8	4860694.1		7.61E-06	2.29E-06	4.51E-06	8.85E-04	6.47E-05	5.93E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05
273	Future Industrial 11	680253.7	4860255.2		5.76E-06	1.73E-06	3.41E-06	8.83E-04	6.42E-05	4.48E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05
274	Future Industrial 12	679901.2	4860511.8		5.03E-06	1.52E-06	2.98E-06	8.82E-04	6.40E-05	3.92E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05
275	Commercial Farmer	679867.8	4860445.4		4.78E-06	1.44E-06	2.83E-06	8.82E-04	6.39E-05	3.72E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05
276	Farmer	679277.0	4859981.5		4.08E-06	1.23E-06	2.42E-06	8.81E-04	6.37E-05	3.18E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05
277	Residence	679387.2	4860648.9		5.25E-06	1.58E-06	3.11E-06	8.82E-04	6.40E-05	4.08E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05
278	Barn	679261.9	4860574.2		4.53E-06	1.36E-06	2.68E-06	8.82E-04	6.38E-05	3.52E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05
279	Residence	680150.7	4861295.7		5.33E-06	1.60E-06	3.16E-06	8.83E-04	6.41E-05	4.14E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05
280	Residence	679939.8	4861213.4		6.24E-06	1.88E-06	3.69E-06	8.84E-04	6.43E-05	4.85E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.79E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05
281	Farmer	680855.7	4861456.9		6.23E-06	1.87E-06	3.69E-06	8.84E-04	6.43E-05	4.85E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.79E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05
282	Farmer	681386.2	4861673.3		5.56E-06	1.67E-06	3.29E-06	8.83E-04	6.41E-05	4.33E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05
283	Residence	680683.5	4861597.9		5.51E-06	1.66E-06	3.26E-06	8.83E-04	6.41E-05	4.29E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05
284	Business	680064.3	4861343.7		6.03E-06	1.82E-06	3.57E-06	8.83E-04	6.43E-05	4.69E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05
285	Farmer	679680.1	4861213.5		6.86E-06	2.07E-06	4.07E-06	8.84E-04	6.45E-05	5.34E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05
286	Farmer	681344.8	4861792.9		4.57E-06	1.37E-06	2.71E-06	8.82E-04	6.38E-05	3.55E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05
287	Youth Centre	685644.2	4864814.8		1.98E-06	5.95E-07	1.17E-06	8.79E-04	6.31E-05	1.54E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05
288	Bowmanville Arena	685462.9	4864615.2		1.96E-06	5.91E-07	1.16E-06	8.79E-04	6.31E-05	1.53E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05
289	Bowmanville Rec Complex	684160.3	4864604.5		2.24E-06	6.73E-07	1.33E-06	8.79E-04	6.31E-05	1.74E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05
290	Recreation Complex	684586.6	4862406.3		2.02E-06	6.10E-07	1.20E-06	8.79E-04	6.31E-05	1.58E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05
291	Superdog Central	681487.7	4865723.3		1.41E-06	4.23E-07	8.33E-07	8.78E-04	6.29E-05	1.09E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
292	Equestrian Centre	681567.1	4863670.7		2.97E-06	8.95E-07	1.76E-06	8.80E-04	6.34E-05	2.31E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05
293	Flea Market	678574.6	4862819.4		3.21E-06	9.68E-07	1.90E-06	8.80E-04	6.34E-05	2.50E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05
294	Equestrian Centre	680030.8	4867320.2		1.04E-06	3.13E-07	6.15E-07	8.77E-04	6.28E-05	8.08E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05
295	Courtice Community Comp	678099.3	4864629.8		1.79E-06	5.40E-07	1.06E-06	8.78E-04	6.30E-05	1.39E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05
296	Former Restaurant	679830.2	4860702.2		4.69E-06	1.41E-06	2.78E-06	8.82E-04	6.39E-05	3.65E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.44E-03	1	

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06		5.59E-06	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00
					Background Concentration (µg/m <sup>3</sup> )			8.76E-04	6.25E-05		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	
1	Campground 10	678526.8	485996.8		3.81E-06	1.15E-06	2.26E-06	8.81E-04	6.36E-05	2.97E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
314	Soper 2	687241.9	4863171.7		1.31E-06	3.96E-07	7.79E-07	8.78E-04	6.29E-05	1.02E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
315	Soper 3	687023.2	4863903.8		1.61E-06	4.84E-07	9.52E-07	8.78E-04	6.30E-05	1.25E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
316	Soper 4	688158.2	4865389.3		1.32E-06	3.99E-07	7.85E-07	8.78E-04	6.29E-05	1.03E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
317	Soper 5	685027.3	4868253.9		1.31E-06	3.93E-07	7.74E-07	8.78E-04	6.29E-05	1.02E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
318	Soper 6	687287.4	4867037.3		1.04E-06	3.13E-07	6.16E-07	8.77E-04	6.28E-05	8.09E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
319	Soper 7	685683.2	4867148.1		1.13E-06	3.40E-07	6.70E-07	8.78E-04	6.28E-05	8.80E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
320	Soper 8	686748.7	4865874.7		1.44E-06	4.34E-07	8.55E-07	8.78E-04	6.29E-05	1.12E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
321	Bowmanville 1	687026.3	4862368.4		1.51E-06	4.55E-07	8.96E-07	8.78E-04	6.29E-05	1.18E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
322	Bowmanville 2	686625.7	4863020.3		1.35E-06	4.05E-07	7.98E-07	8.78E-04	6.29E-05	1.05E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
323	Bowmanville 3	683380.3	4865365.9		2.21E-06	6.64E-07	1.31E-06	8.79E-04	6.31E-05	1.72E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
324	Bowmanville 4	683111.4	4867150.3		2.07E-06	6.23E-07	1.23E-06	8.79E-04	6.31E-05	1.61E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
325	Bowmanville 5	682452.2	4869417.5		7.87E-07	2.37E-07	4.66E-07	8.77E-04	6.27E-05	6.13E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05	
326	Bowmanville 6	684778.5	4864888.2		1.46E-06	4.41E-07	8.68E-07	8.78E-04	6.29E-05	1.14E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
327	Bowmanville 7	684549.5	4866404.4		1.36E-06	4.10E-07	8.07E-07	8.78E-04	6.29E-05	1.06E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
328	Upper Tooley 1	679944.8	4864883.1		1.89E-06	5.68E-07	1.12E-06	8.79E-04	6.30E-05	1.47E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
329	Upper Tooley 2	679055.1	4863885.8		1.99E-06	5.98E-07	1.18E-06	8.79E-04	6.31E-05	1.55E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
330	Upper Tooley 3	679714.0	4862767.4		3.24E-06	9.75E-07	1.92E-06	8.80E-04	6.34E-05	2.52E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
331	Upper Tooley 4	678898.8	4861800.6		5.25E-06	1.58E-06	3.11E-06	8.82E-04	6.40E-05	4.08E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	
332	Upper Tooley 5	680353.5	4862156.5		4.45E-06	1.34E-06	2.63E-06	8.82E-04	6.38E-05	3.46E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
333	Upper Tooley 6	679818.1	4861625.7		4.63E-06	1.39E-06	2.75E-06	8.82E-04	6.39E-05	3.61E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
334	Robinson 1	678434.8	4860943.1		4.53E-06	1.36E-06	2.68E-06	8.82E-04	6.38E-05	3.53E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
335	Robinson 2	677752.6	4861240.6		3.73E-06	1.12E-06	2.21E-06	8.81E-04	6.36E-05	2.91E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
336	Robinson 3	677642.2	4861787.2		3.14E-06	9.44E-07	1.86E-06	8.80E-04	6.34E-05	2.44E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
337	Robinson 4	678532.7	4862143.6		4.40E-06	1.32E-06	2.60E-06	8.81E-04	6.38E-05	3.42E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
338	Robinson 5	678005.1	4862784.9		3.51E-06	1.06E-06	2.08E-06	8.80E-04	6.35E-05	2.73E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
339	Robinson 6	677882.7	4860587.7		3.42E-06	1.03E-06	2.03E-06	8.80E-04	6.35E-05	2.66E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	
340	F/B 1	677443.1	4867862.1		1.10E-06	3.30E-07	6.50E-07	8.78E-04	6.28E-05	8.54E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
341	F/B 2	679667.4	4866611.4		1.57E-06	4.74E-07	9.33E-07	8.78E-04	6.29E-05	1.22E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
342	F/B 3	678655.0	4867470.1		1.68E-06	5.07E-07	9.97E-07	8.78E-04	6.30E-05	1.31E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
343	F/B 4	676191.2	4866844.7		1.14E-06	3.43E-07	6.75E-07	8.78E-04	6.28E-05	8.87E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
344	F/B 5	678273.3	4866093.0		1.50E-06	4.52E-07	8.90E-07	8.78E-04	6.29E-05	1.17E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
345	F/B 6	681241.2	4867098.8		1.25E-06	3.76E-07	7.40E-07	8.78E-04	6.29E-05	9.72E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
346	F/B 7	682165.3	4868082.3		9.62E-07	2.89E-07	5.70E-07	8.77E-04	6.28E-05	7.48E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
347	F/B 8	679366.6	4868628.3		1.22E-06	3.68E-07	7.25E-07	8.78E-04	6.28E-05	9.52E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
348	F/B 9	680310.1	4869967.1		7.30E-07	2.20E-07	4.32E-07	8.77E-04	6.27E-05	5.68E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05	
349	F/B 10	676487.3	4869291.6		1.43E-06	4.31E-07	8.48E-07	8.7																	



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06		5.59E-06	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00
				Background Concentration (µg/m³)				8.76E-04	6.25E-05		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	
1	Campground 10	678526.8	4859996.8		3.81E-06	1.15E-06	2.26E-06	8.81E-04	6.36E-05	2.97E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
366	Harmony Creek 2	674592.0	4862605.3		1.28E-06	3.85E-07	7.57E-07	8.78E-04	6.29E-05	9.95E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	
367	Harmony Creek 3	672863.4	4862808.0		1.01E-06	3.05E-07	6.01E-07	8.77E-04	6.28E-05	7.89E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
368	Harmony Creek 4	675671.6	4864469.0		2.42E-06	7.29E-07	1.44E-06	8.79E-04	6.32E-05	1.89E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
369	Harmony Creek 5	672443.1	4864713.0		9.25E-07	2.78E-07	5.48E-07	8.77E-04	6.28E-05	7.20E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
370	Harmony Creek 6	674830.5	4866909.6		1.17E-06	3.52E-07	6.92E-07	8.78E-04	6.28E-05	9.09E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
371	Harmony Creek 7	675799.9	4868594.1		1.25E-06	3.76E-07	7.40E-07	8.78E-04	6.29E-05	9.72E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
372	Westside 1	686082.6	4862776.6		1.51E-06	4.53E-07	8.92E-07	8.78E-04	6.29E-05	1.17E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
373	Westside 2	685778.7	4862137.9		1.88E-06	5.67E-07	1.12E-06	8.78E-04	6.30E-05	1.47E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
374	Westside 3	685084.2	4862827.4		1.60E-06	4.82E-07	9.48E-07	8.78E-04	6.30E-05	1.25E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
375	Darlington 1	680977.5	4865674.4		1.57E-06	4.72E-07	9.30E-07	8.78E-04	6.29E-05	1.22E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	
376	Darlington 2	680913.9	4863967.1		2.35E-06	7.08E-07	1.39E-06	8.79E-04	6.32E-05	1.83E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
377	Darlington 3	682602.8	4863659.6		4.19E-06	1.26E-06	2.48E-06	8.81E-04	6.37E-05	3.26E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
378	Darlington 4	682206.4	4862910.4		4.44E-06	1.34E-06	2.63E-06	8.82E-04	6.38E-05	3.46E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	
379	Darlington 5	683223.2	4861114.0		3.72E-06	1.12E-06	2.21E-06	8.81E-04	6.36E-05	2.90E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	
380	Darlington 6	683947.7	4862362.0		2.77E-06	8.33E-07	1.64E-06	8.80E-04	6.33E-05	2.15E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
381	Darlington 7	685361.9	4861143.4		2.24E-06	6.76E-07	1.33E-06	8.79E-04	6.31E-05	1.75E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
382	Bennett ECO/HH	688606.4	4862634.8		1.19E-06	3.58E-07	7.05E-07	8.78E-04	6.28E-05	9.26E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
383	Oshawa ECO/HH	673884.9	4859128.9		2.68E-06	8.07E-07	1.59E-06	8.79E-04	6.33E-05	2.09E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	
384	Oshawa Creek 1	671671.2	4862793.7		9.32E-07	2.81E-07	5.52E-07	8.77E-04	6.28E-05	7.26E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
385	Oshawa Creek 2	671668.5	4861589.5		6.84E-07	2.06E-07	4.05E-07	8.77E-04	6.27E-05	5.32E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05	
386	Oshawa Creek 3	672820.2	4861287.2		7.53E-07	2.27E-07	4.46E-07	8.77E-04	6.27E-05	5.86E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	1.38E-03	1.35E-04	9.64E-05	
387	Oshawa Creek 4	672360.3	4860262.6		1.05E-06	3.16E-07	6.23E-07	8.78E-04	6.28E-05	8.18E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
388	Oshawa Creek 5	673921.2	4860115.0		1.24E-06	3.73E-07	7.33E-07	8.78E-04	6.28E-05	9.63E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	1.38E-03	1.35E-04	9.64E-05	
389	Oshawa Creek 6	673154.0	4859421.9		2.01E-06	6.04E-07	1.19E-06	8.79E-04	6.31E-05	1.56E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	
390	Farmer	677409.8	4861051.4		5.44E-06	1.64E-06	3.22E-06	8.83E-04	6.41E-05	4.23E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	
391	Commercial Market	688276.3	4864698.5		1.63E-06	4.89E-07	9.63E-07	8.78E-04	6.30E-05	1.27E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylanthracene	9-methylanthracene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin
					Updated Facility Emission Rate (g/s)	Background Concentration (µg/m³)	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06
1	Campground 10	678526.8	485996.8		1.35E-04	5.88E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
2	ECO 2	675490.4	4860360.1		1.35E-04	2.85E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.33E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
3	Recreational 5	681642.0	4860349.3		1.35E-04	9.94E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.16E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.54E-04
4	ECO 4	676831.5	4859840.9		1.35E-04	6.23E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.28E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
5	Bow. Valley Cons. 3	685767.2	4863879.0		1.35E-04	2.79E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.26E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
6	ECO 6	679647.8	4859989.3		1.35E-04	7.02E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.19E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04
7	ECO 7	681578.8	4862070.1		1.35E-04	7.04E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.22E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04
8	ECO 8	679735.5	4861048.6		1.35E-04	1.32E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.54E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04
9	ECO 9	687219.7	4864249.3		1.35E-04	2.57E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.00E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
10	ECO 10	686519.0	4861987.6		1.35E-04	2.81E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.29E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
11	ECO 11	679870.4	4859737.9		1.35E-04	6.76E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.89E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04
12	Recreational 4	681575.5	4860557.7		1.35E-04	6.32E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.38E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
13	Future Industrial 9	680704.5	4859857.8		1.35E-04	6.46E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.54E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
14	Future Industrial 10	680608.0	4860719.6		1.35E-04	1.30E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.52E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04
15	Harmony Creek	673992.4	4865641.4		1.35E-04	2.73E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.18E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
16	Farewell Creek	678079.2	4868822.7		1.35E-04	2.26E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.63E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
17	Farmer	681378.6	4860335.0		1.35E-04	1.04E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.22E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.55E-04
18	Watson Farm	682883.4	4864219.7		1.35E-04	6.17E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.20E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
19	Racanski Farm	678929.2	4865530.2		1.35E-04	3.97E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.64E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
20	Zoo	687216.8	4864835.3		1.35E-04	2.09E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.44E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
21	Cedar Crest Beach	686652.1	4861660.9		1.35E-04	4.15E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.85E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
22	Darlington Prov Park Beach	677844.6	4859718.2		1.35E-04	6.47E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.56E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
23	OPG 1	682258.1	4860045.0		1.35E-04	6.81E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.95E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04
24	OPG 2	682551.4	4859889.1		1.35E-04	5.02E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.87E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04
25	OPG 3	682824.6	4859759.3		1.35E-04	4.16E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.85E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
26	OPG 4	683021.6	4859937.3		1.35E-04	4.75E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.55E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04
27	OPG 5	683318.2	4859677.8		1.35E-04	3.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.23E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
28	OPG 6	683306.9	4860023.0		1.35E-04	4.57E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.34E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04
29	OPG 7	683718.6	4859915.8		1.35E-04	3.88E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.53E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
30	OPG 8	682702.0	4859998.6		1.35E-04	5.51E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.43E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
31	OPG 9	684347.7	4861184.6		1.35E-04	3.98E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.65E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
32	OPG 10	682157.2	4861228.2		1.35E-04	6.77E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.91E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04								

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin
					(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )																		
1	Campground 10	678526.8	485996.8		1.35E-04	5.88E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
54	Bow. Subdivision 9	684777.3	4863330.5		1.35E-04	3.25E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.80E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
55	Bow. Subdivision 10	685266.0	4863243.1		1.35E-04	3.23E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.77E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
56	Osh/Court Subdivision 1	677396.8	4860977.3		1.35E-04	8.30E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.69E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04
57	Osh/Court Subdivision 2	676633.5	4860816.8		1.35E-04	3.80E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.44E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
58	Osh/Court Subdivision 3	676916.0	4861925.0		1.35E-04	3.53E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.12E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
59	Osh/Court Subdivision 4	676730.5	4861317.1		1.35E-04	6.19E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.22E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
60	Osh/Court Subdivision 5	676087.2	4861392.3		1.35E-04	4.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.16E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04
61	Osh/Court Subdivision 6	676177.1	4861722.2		1.35E-04	3.19E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.73E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
62	Osh/Court Subdivision 7	675670.7	4861783.2		1.35E-04	3.00E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.50E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
63	Osh/Court Subdivision 8	676050.8	4862055.7		1.35E-04	3.63E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.24E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
64	Osh/Court Subdivision 9	676636.9	4862134.3		1.35E-04	3.95E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.61E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
65	Osh/Court Subdivision 10	676571.3	4861634.8		1.35E-04	3.63E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.24E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
66	Bow. Subdivision 11	684649.2	4863182.7		1.35E-04	3.27E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.82E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
67	Daycare B	685172.4	4863933.1		1.35E-04	2.32E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.71E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
68	Daycare C	685452.0	4863104.4		1.35E-04	2.92E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.41E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
69	Daycare D	685527.7	4864693.3		1.35E-04	3.08E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.60E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
70	Daycare E	685735.4	4864790.8		1.35E-04	2.86E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.35E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
71	Daycare F	685520.3	4864854.3		1.35E-04	3.11E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.63E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
72	Daycare G	685441.9	4864878.0		1.35E-04	3.01E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.52E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
73	Daycare H	686364.8	4864707.8		1.35E-04	1.90E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.22E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
74	Daycare I	685721.6	4865127.3		1.35E-04	2.82E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.30E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
75	Daycare J	678256.3	4863565.4		1.35E-04	2.98E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.48E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
76	Daycare K	677694.1	4864043.7		1.35E-04	2.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.06E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
77	Daycare L	676479.5	4862526.2		1.35E-04	3.74E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.37E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
78	Daycare M	678320.9	4864763.5		1.35E-04	2.52E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.94E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
79	Daycare N	678513.4	4865058.0		1.35E-04	2.16E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.52E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
80	Daycare O	672788.7	4863936.6		1.35E-04	1.33E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.56E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
81	Daycare P	673952.8	4863592.5		1.35E-04	1.86E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.17E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
82	Daycare Q	671751.8	4864887.7		1.35E-04	1.37E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.60E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
83	Daycare R	685714.4	4864667.4		1.35E-04	2.71E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.17E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
84	Daycare S	684177.9	4863618.2		1.35E-04	4.85E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.67E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04
85	Daycare T																									

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylanthracene	9-methylanthracene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin
					Updated Facility Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00
1	Campground 10	678526.8	485996.8		1.35E-04	5.88E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
106	Daycare OO	673201.0	4864746.4		1.35E-04	1.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.90E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
107	Daycare PP	674794.5	4864915.4		1.35E-04	2.91E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.39E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
108	Hospital	686324.2	4864395.8		1.35E-04	2.52E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.95E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
109	Hospital (Children  s)	676057.8	4862180.9		1.35E-04	4.06E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.74E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
110	Hospital	671233.2	4863615.9		1.35E-04	1.29E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.51E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
111	Comm. Resp. Services	676045.4	4863902.5		1.35E-04	3.45E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.03E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
112	Hospital	671712.7	4862364.1		1.35E-04	1.44E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.68E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
113	Retirement Residence A	684199.9	4864120.3		1.35E-04	3.31E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.87E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
114	Retirement Residence B	685483.9	4865150.9		1.35E-04	2.52E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.94E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
115	Retirement Residence C	686844.0	4864732.1		1.35E-04	2.20E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.56E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
116	Retirement Residence D	673481.7	4863343.4		1.35E-04	2.00E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.33E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
117	Retirement Residence E	671825.2	4864399.0		1.35E-04	1.22E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.42E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
118	Retirement Residence F	671606.3	4864536.0		1.35E-04	1.24E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.44E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
119	Retirement Residence G	671357.1	4862958.7		1.35E-04	1.43E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.67E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
120	Retirement Residence H	671514.0	4862262.9		1.35E-04	1.49E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.74E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
121	Retirement Residence I	672602.2	4863075.9		1.35E-04	1.50E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.75E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
122	Retirement Residence J	671719.1	4862893.1		1.35E-04	1.45E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.69E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
123	Retirement Residence K	686718.0	4865648.7		1.35E-04	2.25E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.62E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
124	Retirement Residence L	676168.7	4865669.9		1.35E-04	2.29E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.68E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
125	Retirement Residence M	676118.5	4863980.7		1.35E-04	3.64E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.25E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
126	Bow. Subdivision 12	684649.2	4863182.7		1.35E-04	3.27E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.82E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
127	Primary School B	685384.8	4863575.3		1.35E-04	3.09E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.61E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
128	Primary School C	685021.6	4863952.9		1.35E-04	2.27E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.65E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
129	Primary School D	686237.0	4864085.5		1.35E-04	2.68E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.12E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
130	Primary School E	686719.0	4863734.7		1.35E-04	2.56E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.00E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
131	Primary School F	686357.0	4864754.9		1.35E-04	1.80E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.11E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
132	Primary School G	685502.0	4865013.4		1.35E-04	2.83E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.30E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
133	Primary School H	686726.7	4866061.5		1.35E-04	2.11E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.47E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
134	Primary School I	685186.2	4866568.2		1.35E-04	1.93E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.26E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
135	Primary School J	685965.3	4866979.0		1.35E-04	1.96E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.28E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
136	Primary School K	677709.9	4864726.5		1.35E-04	2.06E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.40E-07	6.78E-05	1.35E-04	2											



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylanthracene	9-methylanthracene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin
					Updated Facility Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06
1	Campground 10	678526.8	485996.8		1.35E-04	5.88E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
158	Primary School GG	671659.7	4863120.0		1.35E-04	1.46E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.70E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
159	Primary School HH	673853.4	4866711.0		1.35E-04	3.01E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.52E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
160	Primary School II	672616.7	4862114.9		1.35E-04	1.67E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.95E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
161	Primary School JJ	673567.2	4861899.5		1.35E-04	2.15E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.52E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
162	Primary School KK	671791.0	4861954.2		1.35E-04	1.53E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.79E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
163	Primary School LL	673762.3	4864210.6		1.35E-04	1.60E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.87E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
164	Primary School MM	672238.8	4864621.3		1.35E-04	1.39E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.62E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
165	Primary School NN	673213.6	4858677.0		1.35E-04	2.14E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.50E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
166	Primary School OO	675474.8	4863221.7		1.35E-04	2.49E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.91E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
167	Primary School PP	672441.8	4858748.6		1.35E-04	2.56E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.99E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
168	Primary School QQ	672796.8	4864438.2		1.35E-04	1.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.66E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
169	Primary School RR	671351.4	4863284.0		1.35E-04	1.39E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.63E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
170	Primary School SS	673213.9	4862125.5		1.35E-04	2.06E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.40E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
171	Primary School TT	671017.9	4860953.7		1.35E-04	1.19E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.39E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
172	Primary School UU	670991.0	4861089.8		1.35E-04	1.07E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.25E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.37E-04
173	Primary School VV	674150.1	4862294.8		1.35E-04	2.03E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.38E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
174	Primary School WW	672005.2	4861707.9		1.35E-04	1.37E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.60E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
175	Primary School XX	684172.1	4863615.6		1.35E-04	4.95E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.78E-07	6.78E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04
176	Primary School YY	683923.3	4866636.4		1.35E-04	2.48E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.90E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
177	Primary School ZZ	680446.0	4865770.5		1.35E-04	1.81E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.12E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
178	Vacant School	685612.9	4864520.0		1.35E-04	2.45E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.86E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
179	Secondary School A	686291.4	4865064.3		1.35E-04	2.11E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.47E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
180	Secondary School B	683875.0	4864741.7		1.35E-04	4.33E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.06E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04
181	Secondary School C	684650.3	4866460.3		1.35E-04	2.01E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.34E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
182	Secondary School D	678099.5	4864838.2		1.35E-04	2.55E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.98E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
183	Secondary School E	678467.0	4863431.2		1.35E-04	3.28E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.84E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
184	Secondary School F	674144.9	4862762.7		1.35E-04	1.87E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.18E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
185	Secondary School G	673816.0	4864357.1		1.35E-04	1.65E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.93E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
186	Secondary School H	673145.4	4858569.0		1.35E-04	2.08E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.43E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
187	Secondary School I	671291.7	4863581.3		1.35E-04	1.33E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.55E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
188	Secondary School J	671443.2	4861664.9		1.35E-04	1.08E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.26E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2									

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin
					Updated Facility Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00
1	Campground 10	678526.8	485996.8		1.35E-04	5.88E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
210	Port Darlington 2	686184.8	4861252.0		1.35E-04	3.69E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.31E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
211	Port Darlington 3	686151.2	4861286.8		1.35E-04	3.57E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.17E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
212	Port Darlington 4	686351.1	4861341.6		1.35E-04	4.19E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.90E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
213	Port Darlington 5	686406.8	4861448.7		1.35E-04	4.31E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.03E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
214	Port Darlington 6	686504.5	4861604.0		1.35E-04	4.25E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.97E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
215	Port Darlington 7	686703.0	4861789.3		1.35E-04	3.66E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.28E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
216	Port Darlington 8	686895.8	4861960.2		1.35E-04	2.85E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.33E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
217	Port Darlington 9	686867.4	4862119.7		1.35E-04	2.54E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.97E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
218	Port Darlington 10	687190.7	4862048.8		1.35E-04	2.41E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.82E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
219	Port Darlington 11	687524.4	4862126.8		1.35E-04	2.29E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.67E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
220	Campground 1	678646.3	4860337.7		1.35E-04	9.33E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.09E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04
221	Campground 2	678410.2	4860148.6		1.35E-04	8.01E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.36E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04
222	Campground 3	678651.0	4860054.4		1.35E-04	6.30E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.36E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
223	Campground 4	678725.9	4859860.7		1.35E-04	6.23E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.28E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
224	Campground 5	678511.1	4859808.6		1.35E-04	4.54E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.30E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04
225	Campground 6	678869.5	4859696.0		1.35E-04	5.54E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.46E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
226	Campground 7	678723.9	4860201.8		1.35E-04	8.79E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	1.03E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04
227	Campground 8	678796.0	4860011.4		1.35E-04	5.83E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.81E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
228	Campground 9	678852.7	4859854.2		1.35E-04	5.82E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.80E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
229	Solina 1	681099.6	4861677.2		1.35E-04	7.22E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.43E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04
230	Solina 2	681115.7	4861857.7		1.35E-04	7.13E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.33E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04
231	Solina 3	680987.4	4861983.5		1.35E-04	7.24E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.46E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04
232	Solina 4	680965.0	4862068.1		1.35E-04	6.53E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.63E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04
233	Solina 5	681021.5	4862086.7		1.35E-04	6.97E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.14E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04
234	Solina 6	680939.8	4862124.3		1.35E-04	5.62E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.56E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
235	Solina 7	680988.2	4862183.6		1.35E-04	6.13E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.16E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
236	Solina 8	680984.6	4862209.8		1.35E-04	5.77E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.73E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
237	Solina 9	680958.6	4862294.9		1.35E-04	5.41E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.32E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
238	Solina 10	680858.0	4862324.3		1.35E-04	6.27E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.33E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
239	Solina 11	680990.3	4862403.5		1.35E-04	5.24E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.12E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04
240	Recreational 1	681545.0	4860865.0		1.35E-04	6.35E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.41E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
241	Recreational 2	681563.7	4860687.4		1.35E-04	8.64E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	1.01E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04
242	Recreational 3	681579.7	4860610.0		1.35E-04	7.61E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.89E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04
243	Recreational 6	681876.6	4860254.4		1.35																					

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylanthracene	9-methylanthracene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin
					Updated Facility Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06
1	Campground 10	678526.8	485996.8		1.35E-04	5.88E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
262	Light Ind. 10	680092.5	4861185.1		1.35E-04	8.66E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	1.01E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04
263	Light Ind. 11	680071.6	4861246.6		1.35E-04	8.87E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.04E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04
264	Light Ind. 12	680021.4	4861186.9		1.35E-04	9.14E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.07E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04
265	Future Industrial 7	680816.2	4860219.3		1.35E-04	6.04E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.06E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
266	Future Industrial 8	680398.0	4860731.8		1.35E-04	1.75E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.04E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.68E-04
267	Future Industrial 1	680359.6	4859959.2		1.35E-04	6.13E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.16E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
268	Future Industrial 2	680083.7	4859985.7		1.35E-04	6.91E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.07E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04
269	Future Industrial 3	680819.9	4860705.3		1.35E-04	1.38E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.61E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04
270	Future Industrial 4	681070.0	4859937.2		1.35E-04	6.94E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.11E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04
271	Future Industrial 5	679898.8	4860067.4		1.35E-04	8.29E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.68E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04
272	Future Industrial 6	680134.8	4860694.1		1.35E-04	1.17E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.37E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.57E-04
273	Future Industrial 11	680253.7	4860255.2		1.35E-04	8.88E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.04E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04
274	Future Industrial 12	679901.2	4860511.8		1.35E-04	7.76E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.07E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04
275	Commercial Farmer	679867.8	4860445.4		1.35E-04	7.37E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.61E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04
276	Farmer	679277.0	4859981.5		1.35E-04	6.30E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.36E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
277	Residence	679387.2	4860648.9		1.35E-04	8.09E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.45E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04
278	Barn	679261.9	4860574.2		1.35E-04	6.98E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.15E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04
279	Residence	680150.7	4861295.7		1.35E-04	8.21E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.59E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04
280	Residence	679939.8	4861213.4		1.35E-04	9.61E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.12E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04
281	Farmer	680855.7	4861456.9		1.35E-04	9.60E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.12E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04
282	Farmer	681386.2	4861673.3		1.35E-04	8.57E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	1.00E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04
283	Residence	680683.5	4861597.9		1.35E-04	8.49E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.92E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04
284	Business	680064.3	4861343.7		1.35E-04	9.30E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.09E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04
285	Farmer	679680.1	4861213.5		1.35E-04	1.06E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.24E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.55E-04
286	Farmer	681344.8	4861792.9		1.35E-04	7.04E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.22E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04
287	Youth Centre	685644.2	4864814.8		1.35E-04	3.05E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.56E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
288	Bowmanville Arena	685462.9	4864615.2		1.35E-04	3.03E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.54E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
289	Bowmanville Rec Complex	684160.3	4864604.5		1.35E-04	3.45E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.03E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
290	Recreation Complex	684586.6	4862406.3		1.35E-04	3.12E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.65E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
291	Superdog Central	681487.7	4865723.3		1.35E-04	2.17E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.53E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
292	Equestrian Centre	681567.1	4863670.7		1.35E-04	4.58E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.35E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-0										

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylanthracene	9-methylanthracene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin		
					Updated Facility Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	1.72E-06	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05
					(m)	(m)	1.35E-04	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	6.77E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04
1	Campground 10	678526.8	485996.8		1.35E-04	5.88E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04		
314	Soper 2	687241.9	4863171.7		1.35E-04	2.03E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.37E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04		
315	Soper 3	687023.2	4863903.8		1.35E-04	2.48E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.89E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04		
316	Soper 4	688158.2	4865389.3		1.35E-04	2.04E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.39E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04		
317	Soper 5	685027.3	4868253.9		1.35E-04	2.01E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.35E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04		
318	Soper 6	687287.4	4867037.3		1.35E-04	1.60E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.87E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04		
319	Soper 7	685683.2	4867148.1		1.35E-04	1.74E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.04E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04		
320	Soper 8	686748.7	4865874.7		1.35E-04	2.22E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.60E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04		
321	Bowmanville 1	687026.3	4862368.4		1.35E-04	2.33E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.72E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04		
322	Bowmanville 2	686625.7	4863020.3		1.35E-04	2.08E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.42E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04		
323	Bowmanville 3	683380.3	4865365.9		1.35E-04	3.40E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.97E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04		
324	Bowmanville 4	683111.4	4867150.3		1.35E-04	3.19E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.73E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04		
325	Bowmanville 5	682452.2	4869417.5		1.35E-04	1.21E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.42E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04		
326	Bowmanville 6	684778.5	4864888.2		1.35E-04	2.26E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.64E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04		
327	Bowmanville 7	684549.5	4866404.4		1.35E-04	2.10E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.45E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04		
328	Upper Tooley 1	679944.8	4864883.1		1.35E-04	2.91E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.40E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04		
329	Upper Tooley 2	679055.1	4863885.8		1.35E-04	3.06E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.58E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04		
330	Upper Tooley 3	679714.0	4862767.4		1.35E-04	4.99E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.83E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04		
331	Upper Tooley 4	678898.8	4861800.6		1.35E-04	8.09E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.44E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04		
332	Upper Tooley 5	680353.5	4862156.5		1.35E-04	6.86E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.01E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04		
333	Upper Tooley 6	679818.1	4861625.7		1.35E-04	7.14E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.34E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04		
334	Robinson 1	678434.8	4860943.1		1.35E-04	6.99E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.16E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04		
335	Robinson 2	677752.6	4861240.6		1.35E-04	5.76E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.72E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04		
336	Robinson 3	677642.2	4861787.2		1.35E-04	4.84E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.65E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04		
337	Robinson 4	678532.7	4862143.6		1.35E-04	6.78E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.92E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04		
338	Robinson 5	678005.1	4862784.9		1.35E-04	5.41E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.32E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04		
339	Robinson 6	677882.7	4860587.7		1.35E-04	5.27E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.16E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04		
340	F/B 1	677443.1	4867862.1		1.35E-04	1.69E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.98E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04		
341	F/B 2	679667.4	4866611.4		1.35E-04	2.43E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.83E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04		
342	F/B 3	678655.0	4867470.1		1.35E-04	2.60E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.03E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04		
343	F/B 4	676191.2	4866844.7		1.35E-04	1.76E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.05E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04		
344	F/B 5	678273.3	4866093.0		1.35E-04	2.31E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.70E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04		
345	F/B 6	681241.2	4867098.8		1.35E-04	1.93E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.25E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04		
346	F/B 7	682165.3	4868082.3		1.35E-04																							



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (µg/m <sup>3</sup> )																				
1	Campground 10	678526.8	4859996.8		1.35E-04	5.88E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
366	Harmony Creek 2	674592.0	4862605.3		1.35E-04	1.97E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.30E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
367	Harmony Creek 3	672863.4	4862808.0		1.35E-04	1.56E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.83E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
368	Harmony Creek 4	675671.6	4864469.0		1.35E-04	3.74E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.36E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
369	Harmony Creek 5	672443.1	4864713.0		1.35E-04	1.43E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.67E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
370	Harmony Creek 6	674830.5	4866909.6		1.35E-04	1.80E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.10E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
371	Harmony Creek 7	675799.9	4868594.1		1.35E-04	1.93E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.25E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
372	Westside 1	686082.6	4862776.6		1.35E-04	2.32E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.71E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
373	Westside 2	685778.7	4862137.9		1.35E-04	2.90E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.39E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
374	Westside 3	685084.2	4862827.4		1.35E-04	2.47E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.88E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
375	Darlington 1	680977.5	4865674.4		1.35E-04	2.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.83E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04
376	Darlington 2	680913.9	4863967.1		1.35E-04	3.63E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.24E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
377	Darlington 3	682602.8	4863659.6		1.35E-04	6.46E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.54E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04
378	Darlington 4	682206.4	4862910.4		1.35E-04	6.85E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.00E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04
379	Darlington 5	683223.2	4861114.0		1.35E-04	5.74E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.70E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04
380	Darlington 6	683947.7	4862362.0		1.35E-04	4.27E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.98E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
381	Darlington 7	685361.9	4861143.4		1.35E-04	3.46E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.04E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04
382	Bennett ECO/HH	688606.4	4862634.8		1.35E-04	1.84E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.14E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
383	Oshawa ECO/HH	673884.9	4859128.9		1.35E-04	4.14E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.83E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04
384	Oshawa Creek 1	671671.2	4862793.7		1.35E-04	1.44E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.68E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
385	Oshawa Creek 2	671668.5	4861589.5		1.35E-04	1.05E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.23E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.37E-04
386	Oshawa Creek 3	672820.2	4861287.2		1.35E-04	1.16E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.36E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
387	Oshawa Creek 4	672360.3	4860262.6		1.35E-04	1.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.89E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.38E-04
388	Oshawa Creek 5	673921.2	4860115.0		1.35E-04	1.91E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.23E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04
389	Oshawa Creek 6	673154.0	4859421.9		1.35E-04	3.10E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.61E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04
390	Farmer	677409.8	4861051.4		1.35E-04	8.39E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.80E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04
391	Commercial Market	688276.3	4864698.5		1.35E-04	2.51E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.93E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane
		(m)	(m)																			
					0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00
						1.35E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
1	Campground 10	678526.8	485996.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
2	ECO 2	675490.4	4860360.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
3	Recreational 5	681642.0	4860349.3		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
4	ECO 4	676831.5	4859840.9		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
5	Bow. Valley Cons. 3	685767.2	4863879.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
6	ECO 6	679647.8	4859989.3		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
7	ECO 7	681578.8	4862070.1		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
8	ECO 8	679735.5	4861048.6		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
9	ECO 9	687219.7	4864249.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
10	ECO 10	686519.0	4861987.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
11	ECO 11	679870.4	4859737.9		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
12	Recreational 4	681575.5	4860557.7		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
13	Future Industrial 9	680704.5	4859857.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
14	Future Industrial 10	680608.0	4860719.6		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
15	Harmony Creek	673992.4	4865641.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
16	Farewell Creek	678079.2	4868822.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
17	Farmer	681378.6	4860335.0		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
18	Watson Farm	682883.4	4864219.7		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
19	Racanski Farm	678929.2	4865530.2		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
20	Zoo	687216.8	4864835.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
21	Cedar Crest Beach	686652.1	4861660.9		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
22	Darlington Prov Park Beach	677844.6	4859718.2		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
23	OPG 1	682258.1	4860045.0		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
24	OPG 2	682551.4	4859889.1		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
25	OPG 3	682824.6	4859759.3		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
26	OPG 4	683021.6	4859937.3		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
27	OPG 5	683318.2	4859677.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
28	OPG 6	683306.9	4860023.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
29	OPG 7	683718.6	4859915.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
30	OPG 8	682702.0	4859998.6		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
31	OPG 9	684347.7	4861184.6		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
32	OPG 10	682157.2	4861228.2		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
33	St. Mary's 1	684557.0	4861070.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
34	St. Mary's 2	684657.3	4861320.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
35	St. Mary's 3	684905.3	4861154.4		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
36	Court. Subdivision 1	677328.4	4862976.1		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
37	Court. Subdivision 2	676187.9	4862611.1		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
38	Court. Subdivision 3	675974.8	4863484.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
39	Court. Subdivision 4	676606.1	4863214.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
40	Court. Subdivision 5	676827.1	4863591.4		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
41	Court. Subdivision 6	677200.4	4864074.9		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
42	Court. Subdivision 7	677719.8	4863625.1		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
43	Court. Subdivision 8	678271.6	4864200.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
44	Court. Subdivision 9	678184.4	4863373.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
45	Court. Subdivision 10	677179.7	4862499.5		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
46	Bow. Subdivision 1	683536.7	4864215.2		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
47	Bow. Subdivision 2	683770.0	4863915.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
48	Bow. Subdivision 3	683671.0	4863534.1		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
49	Bow. Subdivision 4	684501.9	4863847.4		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
50	Bow. Subdivision 5	684242.9	4863518.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.0										

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane
		(m)	(m)																			
					0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00
						1.35E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
1	Campground 10	678526.8	4859996.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
54	Bow. Subdivision 9	684777.3	4863330.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
55	Bow. Subdivision 10	685266.0	4863243.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
56	Osh/Court Subdivision 1	677396.8	4860977.3		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
57	Osh/Court Subdivision 2	676633.5	4860816.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
58	Osh/Court Subdivision 3	676916.0	4861925.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
59	Osh/Court Subdivision 4	676730.5	4861317.1		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
60	Osh/Court Subdivision 5	676087.2	4861392.3		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
61	Osh/Court Subdivision 6	676177.1	4861722.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
62	Osh/Court Subdivision 7	675670.7	4861783.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
63	Osh/Court Subdivision 8	676050.8	4862055.7		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
64	Osh/Court Subdivision 9	676636.9	4862134.3		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
65	Osh/Court Subdivision 10	676571.3	4861634.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
66	Bow. Subdivision 11	684649.2	4863182.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
67	Daycare B	685172.4	4863933.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
68	Daycare C	685452.0	4863104.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
69	Daycare D	685527.7	4864693.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
70	Daycare E	685735.4	4864790.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
71	Daycare F	685520.3	4864854.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
72	Daycare G	685441.9	4864878.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
73	Daycare H	686364.8	4864707.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
74	Daycare I	685721.6	4865127.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
75	Daycare J	678256.3	4863565.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
76	Daycare K	677694.1	4864043.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
77	Daycare L	676479.5	4862526.2		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
78	Daycare M	678320.9	4864763.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
79	Daycare N	678513.4	4865058.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
80	Daycare O	672788.7	4863936.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
81	Daycare P	673952.8	4863592.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
82	Daycare Q	671751.8	4864887.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
83	Daycare R	685714.4	4864667.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
84	Daycare S	684177.9	4863618.2		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
85	Daycare T	678423.6	4864480.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
86	Daycare U	685330.5	4863435.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
87	Daycare V	685153.2	4863236.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
88	Daycare W	672679.0	4862044.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
89	Daycare X	672076.5	4865285.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
90	Daycare Y	672638.0	4859664.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
91	Daycare Z	673735.9	4858958.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
92	Daycare AA	673121.8	4863385.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
93	Daycare BB	673904.8	4862282.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
94	Daycare CC	671471.6	4861795.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
95	Daycare DD	673057.3	4862625.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
96	Daycare EE	674917.1	4863957.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
97	Daycare FF	671356.6	4862954.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0					

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant Updated Facility Contaminant Emission Rate (g/s) Background Concentration (µg/m <sup>3</sup> )	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichlor omethane	Bromoform	Bromometha ne	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromoc hloromet hane
					0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00
					1.35E-04	1.35E-04	1.35E-04	1.76		4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	
1	Campground 10	678526.8	4859996.8	0.00E+00	1.37E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
106	Daycare OO	673201.0	4864746.4	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
107	Daycare PP	674794.5	4864915.4	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
108	Hospital	686324.2	4864395.8	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
109	Hospital (Children  s)	676057.8	4862180.9	0.00E+00	1.37E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
110	Hospital	671233.2	4863615.9	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
111	Comm. Resp. Services	676045.4	4863902.5	0.00E+00	1.37E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
112	Hospital	671712.7	4862364.1	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
113	Retirement Residence A	684199.9	4864120.3	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
114	Retirement Residence B	685483.9	4865150.9	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
115	Retirement Residence C	686844.0	4864732.1	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
116	Retirement Residence D	673481.7	4863343.4	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
117	Retirement Residence E	671825.2	4864399.0	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
118	Retirement Residence F	671606.3	4864536.0	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
119	Retirement Residence G	671357.1	4862958.7	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
120	Retirement Residence H	671514.0	4862262.9	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
121	Retirement Residence I	672602.2	4863075.9	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
122	Retirement Residence J	671719.1	4862893.1	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
123	Retirement Residence K	686718.0	4865648.7	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
124	Retirement Residence L	676168.7	4865669.9	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
125	Retirement Residence M	676118.5	4863980.7	0.00E+00	1.37E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
126	Bow. Subdivision 12	684649.2	4863182.7	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
127	Primary School B	685384.8	4863575.3	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
128	Primary School C	685021.6	4863952.9	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
129	Primary School D	686237.0	4864085.5	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
130	Primary School E	686719.0	4863734.7	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
131	Primary School F	686357.0	4864754.9	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
132	Primary School G	685502.0	4865013.4	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
133	Primary School H	686726.7	4866061.5	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
134	Primary School I	685186.2	4866568.2	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
135	Primary School J	685965.3	4866979.0	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
136	Primary School K	677709.9	4864726.5	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
137	Primary School L	675988.3	4864270.2	0.00E+00	1.37E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
138	Primary School M	676608.7	4862739.0	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
139	Primary School N	677222.2	4863759.1	0.00E+00	1.37E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
140	Primary School O	678154.9	4863872.7	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
141	Court. Subdivision 12	678309.6	4863600.8	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
142	Primary School Q	677010.6	4862470.6	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
143	Primary School R	677431.3	4866694.7	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
144	Primary School S	675266.2	4863562.9	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
145	Primary School T	673479.2	4860029.4	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
146	Primary School U	670856.0	4860710.6	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
147	Primary School V	672660.2	4863909.2	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
148	Primary School W	672735.2	4859232.9	0.00E+00	1.37E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
149	Primary School X	673575.8	4862688.6	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
150	Primary School Y	673710.3	4861969.0	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
151	Primary School Z	672366.0	4859928.1	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
152	Primary School AA	672561.7	4866047.1	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
153	Primary School BB	675095.1	4862930.4	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
154	Primary School CC	673242.6	4865197.9	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
155	Primary School DD	674164.9	4863031.3	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03		
156	Primary School EE	671905.6	4864697.8	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74</					



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane
		(m)	(m)																			
				Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00
				Background Concentration (µg/m <sup>3</sup> )		1.35E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
1	Campground 10	678526.8	485996.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
158	Primary School GG	671659.7	4863120.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
159	Primary School HH	673853.4	4866711.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
160	Primary School II	672616.7	4862114.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
161	Primary School JJ	673567.2	4861899.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
162	Primary School KK	671791.0	4861954.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
163	Primary School LL	673762.3	4864210.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
164	Primary School MM	672238.8	4864621.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
165	Primary School NN	673213.6	4858677.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
166	Primary School OO	675474.8	4863221.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
167	Primary School PP	672441.8	4858748.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
168	Primary School QQ	672796.8	4864438.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
169	Primary School RR	671351.4	4863284.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
170	Primary School SS	673213.9	4862125.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
171	Primary School TT	671017.9	4860953.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
172	Primary School UU	670991.0	4861089.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
173	Primary School VV	674150.1	4862294.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
174	Primary School WW	672005.2	4861707.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
175	Primary School XX	684172.1	4863615.6		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
176	Primary School YY	683923.3	4866636.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
177	Primary School ZZ	680446.0	4865770.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
178	Vacant School	685612.9	4864520.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
179	Secondary School A	686291.4	4865064.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
180	Secondary School B	683875.0	4864741.7		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
181	Secondary School C	684650.3	4866460.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
182	Secondary School D	678099.5	4864838.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
183	Secondary School E	678467.0	4863431.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
184	Secondary School F	674144.9	4862762.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
185	Secondary School G	673816.0	4864357.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
186	Secondary School H	673145.4	4858569.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
187	Secondary School I	671291.7	4863581.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
188	Secondary School J	671443.2	4861664.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
189	Secondary School K	673235.3	4860885.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
190	Secondary School L	684252.7	4866500.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
191	Secondary School M	673914.1	4859551.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
192	Secondary School N	675051.5	4864177.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
193	Adult School	685276.1	4866019.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
194	Bow. Valley Cons. 1	685356.6	4864521.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
195	Bow. Valley Cons. 2	685627.7	4864167.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
196	Bow. Valley Cons. 4	685852.7	4863640.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
197	Bow. Valley Cons. 5	686163.1	4863621.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
198	Bow. Valley Cons. 6	685931.9	4863380.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
199	Maple Grove 1	681688.5	4864717.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
200	Maple Grove 2	681768.9	4864631.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
201	Maple Grove 3	681894.9	4864506.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09						

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane
		(m)	(m)																			
					0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00
						1.35E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
1	Campground 10	678526.8	485996.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
210	Port Darlington 2	686184.8	4861252.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
211	Port Darlington 3	686151.2	4861286.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
212	Port Darlington 4	686351.1	4861341.6		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
213	Port Darlington 5	686406.8	4861448.7		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
214	Port Darlington 6	686504.5	4861604.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
215	Port Darlington 7	686703.0	4861789.3		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
216	Port Darlington 8	686895.8	4861960.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
217	Port Darlington 9	686867.4	4862119.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
218	Port Darlington 10	687190.7	4862048.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
219	Port Darlington 11	687524.4	4862126.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
220	Campground 1	678646.3	4860337.7		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
221	Campground 2	678410.2	4860148.6		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
222	Campground 3	678651.0	4860054.4		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
223	Campground 4	678725.9	4859860.7		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
224	Campground 5	678511.1	4859808.6		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
225	Campground 6	678869.5	4859696.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
226	Campground 7	678723.9	4860201.8		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
227	Campground 8	678796.0	4860011.4		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
228	Campground 9	678852.7	4859854.2		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
229	Solina 1	681099.6	4861677.2		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
230	Solina 2	681115.7	4861857.7		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
231	Solina 3	680987.4	4861983.5		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
232	Solina 4	680965.0	4862068.1		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
233	Solina 5	681021.5	4862086.7		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
234	Solina 6	680939.8	4862124.3		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
235	Solina 7	680988.2	4862183.6		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
236	Solina 8	680984.6	4862209.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
237	Solina 9	680958.6	4862294.9		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
238	Solina 10	680858.0	4862324.3		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
239	Solina 11	680990.3	4862403.5		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
240	Recreational 1	681545.0	4860865.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
241	Recreational 2	681563.7	4860687.4		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
242	Recreational 3	681579.7	4860610.0		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
243	Recreational 6	681876.6	4860254.4		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
244	Recreational 7	682166.9	4860324.4		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
245	Darlington 1	679565.4	4861052.9		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
246	Darlington 2	679452.9	4861051.4		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
247	Darlington 3	679130.5	4860948.8		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
248	Darlington 4	679112.6	4860941.9		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
249	Darlington 5	679057.6	4860994.1		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
250	Darlington 6	679075.2	4860931.6		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
251	Darlington 7	678814.3	4860843.1		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
252	Darlington 8	678840.4	4860777.1		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
253	Light Ind. 1	680000.1	4861034.1		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
254	Light Ind. 2	680060.7	4861056.4		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
255	Light Ind. 3	680291.2	4861151.6		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
256	Light Ind. 4	680536.3	4861204.6		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
257	Light Ind. 5	680350.4	4861290.6		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
258	Light Ind. 6	680306.9	4861275.6		0.00E+00	1.39E-04	1.35E-04</															

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane
		(m)	(m)																			
					0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00
						1.35E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
1	Campground 10	678526.8	4859996.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
262	Light Ind. 10	680092.5	4861185.1		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
263	Light Ind. 11	680071.6	4861246.6		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
264	Light Ind. 12	680021.4	4861186.9		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
265	Future Industrial 7	680816.2	4860219.3		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
266	Future Industrial 8	680398.0	4860731.8		0.00E+00	1.41E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
267	Future Industrial 1	680359.6	4859959.2		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
268	Future Industrial 2	680083.7	4859985.7		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
269	Future Industrial 3	680819.9	4860705.3		0.00E+00	1.40E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
270	Future Industrial 4	681070.0	4859937.2		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
271	Future Industrial 5	679898.8	4860067.4		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
272	Future Industrial 6	680134.8	4860694.1		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
273	Future Industrial 11	680253.7	4860255.2		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
274	Future Industrial 12	679901.2	4860511.8		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
275	Commercial Farmer	679867.8	4860445.4		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
276	Farmer	679277.0	4859981.5		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
277	Residence	679387.2	4860648.9		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
278	Barn	679261.9	4860574.2		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
279	Residence	680150.7	4861295.7		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
280	Residence	679939.8	4861213.4		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
281	Farmer	680855.7	4861456.9		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
282	Farmer	681386.2	4861673.3		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
283	Residence	680683.5	4861597.9		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
284	Business	680064.3	4861343.7		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
285	Farmer	679680.1	4861213.5		0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
286	Farmer	681344.8	4861792.9		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
287	Youth Centre	685644.2	4864814.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
288	Bowmanville Arena	685462.9	4864615.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
289	Bowmanville Rec Complex	684160.3	4864604.5		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
290	Recreation Complex	684586.6	4862406.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
291	Superdog Central	681487.7	4865723.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
292	Equestrian Centre	681567.1	4863670.7		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
293	Flea Market	678574.6	4862819.4		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
294	Equestrian Centre	680030.8	4867320.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
295	Courtice Community Comp	678099.3	4864629.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
296	Former Restaurant	679830.2	4860702.2		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
297	Commercial	679364.8	4861016.0		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
298	GM Oshawa Headquarters	676418.3	4860463.7		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
299	Farm A?	682972.3	4862201.9		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
300	Farm B?	683546.9	4861959.7		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
301	Farm C?	682547.5	4862321.1		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
302	Farm D?	683238.3	4862393.3		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
303	Farm E?	682512.6	4862858.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
304	Farm F?	683129.1	4863649.4		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
305	Bennett 1	688209.3	4862512.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20					

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane
		(m)	(m)																			
					0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00
						1.35E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
1	Campground 10	678526.8	485996.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
314	Soper 2	687241.9	4863171.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
315	Soper 3	687023.2	4863903.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
316	Soper 4	688158.2	4865389.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
317	Soper 5	685027.3	4868253.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
318	Soper 6	687287.4	4867037.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
319	Soper 7	685683.2	4867148.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
320	Soper 8	686748.7	4865874.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
321	Bowmanville 1	687026.3	4862368.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
322	Bowmanville 2	686625.7	4863020.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
323	Bowmanville 3	683380.3	4865365.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
324	Bowmanville 4	683111.4	4867150.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
325	Bowmanville 5	682452.2	4869417.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
326	Bowmanville 6	684778.5	4864888.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
327	Bowmanville 7	684549.5	4866404.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
328	Upper Tooley 1	679944.8	4864883.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
329	Upper Tooley 2	679055.1	4863885.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
330	Upper Tooley 3	679714.0	4862767.4		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
331	Upper Tooley 4	678898.8	4861800.6		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
332	Upper Tooley 5	680353.5	4862156.5		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
333	Upper Tooley 6	679818.1	4861625.7		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
334	Robinson 1	678434.8	4860943.1		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
335	Robinson 2	677752.6	4861240.6		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
336	Robinson 3	677642.2	4861787.2		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
337	Robinson 4	678532.7	4862143.6		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
338	Robinson 5	678005.1	4862784.9		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
339	Robinson 6	677882.7	4860587.7		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
340	F/B 1	677443.1	4867862.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
341	F/B 2	679667.4	4866611.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
342	F/B 3	678655.0	4867470.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
343	F/B 4	676191.2	4866844.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
344	F/B 5	678273.3	4866093.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
345	F/B 6	681241.2	4867098.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
346	F/B 7	682165.3	4868082.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
347	F/B 8	679366.6	4868628.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
348	F/B 9	680310.1	4869967.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
349	F/B 10	676487.3	4869291.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
350	F/B 11	676851.4	4865409.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
351	F/B 12	681153.3	4868682.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
352	F/B 13	675416.3	4859833.9		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
353	Second 1	675153.4	4860552.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
354	Second 2	675297.5	4860891.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
355	Second 3	675647.2	4860644.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
356	Second 4	675670.5	4860076.5		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
357	Second 5	676043.3	4860319.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02								



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane
		(m)	(m)																			
				Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00
				Background Concentration (µg/m³)		1.35E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
1	Campground 10	678526.8	485996.8		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
366	Harmony Creek 2	674592.0	4862605.3		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
367	Harmony Creek 3	672863.4	4862808.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
368	Harmony Creek 4	675671.6	4864469.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
369	Harmony Creek 5	672443.1	4864713.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
370	Harmony Creek 6	674830.5	4866909.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
371	Harmony Creek 7	675799.9	4868594.1		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
372	Westside 1	686082.6	4862776.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
373	Westside 2	685778.7	4862137.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
374	Westside 3	685084.2	4862827.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
375	Darlington 1	680977.5	4865674.4		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
376	Darlington 2	680913.9	4863967.1		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
377	Darlington 3	682602.8	4863659.6		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
378	Darlington 4	682206.4	4862910.4		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
379	Darlington 5	683223.2	4861114.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
380	Darlington 6	683947.7	4862362.0		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
381	Darlington 7	685361.9	4861143.4		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
382	Bennett ECO/HH	688606.4	4862634.8		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
383	Oshawa ECO/HH	673884.9	4859128.9		0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
384	Oshawa Creek 1	671671.2	4862793.7		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
385	Oshawa Creek 2	671668.5	4861589.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
386	Oshawa Creek 3	672820.2	4861287.2		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
387	Oshawa Creek 4	672360.3	4860262.6		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
388	Oshawa Creek 5	673921.2	4860115.0		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
389	Oshawa Creek 6	673154.0	4859421.9		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
390	Farmer	677409.8	4861051.4		0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03
391	Commercial Market	688276.3	4864698.5		0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03
					Background Concentration (µg/m <sup>3</sup> )	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03
1	Campground 10	678526.8	485996.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.84E-03	
2	ECO 2	675490.4	4860360.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	
3	Recreational 5	681642.0	4860349.3		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.50E-03	
4	ECO 4	676831.5	4859840.9		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.89E-03	
5	Bow. Valley Cons. 3	685767.2	4863879.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.33E-03	
6	ECO 6	679647.8	4859989.3		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.02E-03	
7	ECO 7	681578.8	4862070.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.02E-03	
8	ECO 8	679735.5	4861048.6		3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.03E-03	
9	ECO 9	687219.7	4864249.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.30E-03	
10	ECO 10	686519.0	4861987.6		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	
11	ECO 11	679870.4	4859737.9		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.98E-03	
12	Recreational 4	681575.5	4860557.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	
13	Future Industrial 9	680704.5	4859857.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.93E-03	
14	Future Industrial 10	680608.0	4860719.6		3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	8.00E-03	
15	Harmony Creek	673992.4	4865641.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.32E-03	
16	Farewell Creek	678079.2	4868822.7		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.25E-03	
17	Farmer	681378.6	4860335.0		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.57E-03	
18	Watson Farm	682883.4	4864219.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.88E-03	
19	Racanski Farm	678929.2	4865530.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.53E-03	
20	Zoo	687216.8	4864835.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.22E-03	
21	Cedar Crest Beach	686652.1	4861660.9		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.56E-03	
22	Darlington Prov Park Beach	677844.6	4859718.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.93E-03	
23	OPG 1	682258.1	4860045.0		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.99E-03	
24	OPG 2	682551.4	4859889.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.70E-03	
25	OPG 3	682824.6	4859759.3		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.56E-03	
26	OPG 4	683021.6	4859937.3		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.65E-03	
27	OPG 5	683318.2	4859677.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.47E-03	
28	OPG 6	683306.9	4860023.0		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	
29	OPG 7	683718.6	4859915.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.51E-03	
30	OPG 8	682702.0	4859998.6		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.78E-03	
31	OPG 9	684347.7	4861184.6		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.53E-03	
32	OPG 10	682157.2	4861228.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.98E-03	
33	St. Mary's 1	684557.0	4861070.0		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.58E-03	
34	St. Mary's 2	684657.3	4861320.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.47E-03	
35	St. Mary's 3	684905.3	4861154.4		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	
36	Court. Subdivision 1	677328.4	4862976.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.60E-03	
37	Court. Subdivision 2	676187.9	4862611.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.47E-03	
38	Court. Subdivision 3	675974.8	4863484.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.23E-03	
39	Court. Subdivision 4	676606.1	4863214.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.42E-03	
40	Court. Subdivision 5	676827.1	4863591.4		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.51E-03	
41	Court. Subdivision 6	677200.4	4864074.9		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.50E-03	
42	Court. Subdivision 7	677719.8	4863625.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.50E-03	
43	Court. Subdivision 8	678271.6	4864200.6		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.44E-03	
44	Court. Subdivision 9	678184.4	4863373.6		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.43E-03	
45	Court. Subdivision 10	677179.7	4862499.5		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	
46	Bow. Subdivision 1	683536.7	4864215.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.72E-03	
47	Bow. Subdivision 2	683770.0	4863915.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.33E-03	
48	Bow. Subdivision 3	683671.0	4863534.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	
49	Bow. Subdivision 4	684501.9	4863847.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	
50	Bow. Subdivision 5	684242.9	4863518.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.						

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03
					Background Concentration (µg/m <sup>3</sup> )	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03
1	Campground 10	678526.8	485996.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.84E-03	
54	Bow. Subdivision 9	684777.3	4863330.5		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.41E-03	
55	Bow. Subdivision 10	685266.0	4863243.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.41E-03	
56	Osh/Court Subdivision 1	677396.8	4860977.3		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.23E-03	
57	Osh/Court Subdivision 2	676633.5	4860816.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.50E-03	
58	Osh/Court Subdivision 3	676916.0	4861925.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	
59	Osh/Court Subdivision 4	676730.5	4861317.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.89E-03	
60	Osh/Court Subdivision 5	676087.2	4861392.3		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.60E-03	
61	Osh/Court Subdivision 6	676177.1	4861722.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.40E-03	
62	Osh/Court Subdivision 7	675670.7	4861783.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	
63	Osh/Court Subdivision 8	676050.8	4862055.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.47E-03	
64	Osh/Court Subdivision 9	676636.9	4862134.3		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.52E-03	
65	Osh/Court Subdivision 10	676571.3	4861634.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.47E-03	
66	Bow. Subdivision 11	684649.2	4863182.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.41E-03	
67	Daycare B	685172.4	4863933.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.26E-03	
68	Daycare C	685452.0	4863104.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.36E-03	
69	Daycare D	685527.7	4864693.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	
70	Daycare E	685735.4	4864790.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.35E-03	
71	Daycare F	685520.3	4864854.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.39E-03	
72	Daycare G	685441.9	4864878.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	
73	Daycare H	686364.8	4864707.8		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
74	Daycare I	685721.6	4865127.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	
75	Daycare J	678256.3	4863565.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.36E-03	
76	Daycare K	677694.1	4864043.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.31E-03	
77	Daycare L	676479.5	4862526.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.49E-03	
78	Daycare M	678320.9	4864763.5		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.29E-03	
79	Daycare N	678513.4	4865058.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.23E-03	
80	Daycare O	672788.7	4863936.6		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.10E-03	
81	Daycare P	673952.8	4863592.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.18E-03	
82	Daycare Q	671751.8	4864887.7		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.10E-03	
83	Daycare R	685714.4	4864667.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.32E-03	
84	Daycare S	684177.9	4863618.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.67E-03	
85	Daycare T	678423.6	4864480.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	
86	Daycare U	685330.5	4863435.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	
87	Daycare V	685153.2	4863236.9		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	
88	Daycare W	672679.0	4862044.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.16E-03	
89	Daycare X	672076.5	4865285.8		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.13E-03	
90	Daycare Y	672638.0	4859664.4		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
91	Daycare Z	673735.9	4858958.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.43E-03	
92	Daycare AA	673121.8	4863385.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
93	Daycare BB	673904.8	4862282.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.20E-03	
94	Daycare CC	671471.6	4861795.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.08E-03	
95	Daycare DD	673057.3	4862625.6		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.14E-03	
96	Daycare EE	674917.1	4863957.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
97	Daycare FF	671356.6	4862954.4		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
98	Daycare GG	671675.5	4862705.8		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
99	Daycare HH	671604.8	4860138.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.12E-03	
100	Daycare II	670945.2	4857983.8		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.10E-03	
101	Daycare JJ	677514.6	4864744.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.15E-03	
102	Daycare KK	676519.9	4862680.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11					

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03
					Background Concentration (µg/m <sup>3</sup> )	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03
1	Campground 10	678526.8	485996.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.84E-03	
106	Daycare OO	673201.0	4864746.4		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.14E-03	
107	Daycare PP	674794.5	4864915.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.35E-03	
108	Hospital	686324.2	4864395.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.29E-03	
109	Hospital (Children  s)	676057.8	4862180.9		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.54E-03	
110	Hospital	671233.2	4863615.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.09E-03	
111	Comm. Resp. Services	676045.4	4863902.5		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.44E-03	
112	Hospital	671712.7	4862364.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
113	Retirement Residence A	684199.9	4864120.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.42E-03	
114	Retirement Residence B	685483.9	4865150.9		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.29E-03	
115	Retirement Residence C	686844.0	4864732.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.24E-03	
116	Retirement Residence D	673481.7	4863343.4		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.21E-03	
117	Retirement Residence E	671825.2	4864399.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.08E-03	
118	Retirement Residence F	671606.3	4864536.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.08E-03	
119	Retirement Residence G	671357.1	4862958.7		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
120	Retirement Residence H	671514.0	4862262.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.12E-03	
121	Retirement Residence I	672602.2	4863075.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.12E-03	
122	Retirement Residence J	671719.1	4862893.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.12E-03	
123	Retirement Residence K	686718.0	4865648.7		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.25E-03	
124	Retirement Residence L	676168.7	4865669.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.25E-03	
125	Retirement Residence M	676118.5	4863980.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.47E-03	
126	Bow. Subdivision 12	684649.2	4863182.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.41E-03	
127	Primary School B	685384.8	4863575.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	
128	Primary School C	685021.6	4863952.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.25E-03	
129	Primary School D	686237.0	4864085.5		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.32E-03	
130	Primary School E	686719.0	4863734.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.30E-03	
131	Primary School F	686357.0	4864754.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.17E-03	
132	Primary School G	685502.0	4865013.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	
133	Primary School H	686726.7	4866061.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.22E-03	
134	Primary School I	685186.2	4866568.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
135	Primary School J	685965.3	4866979.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.20E-03	
136	Primary School K	677709.9	4864726.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.21E-03	
137	Primary School L	675988.3	4864270.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.54E-03	
138	Primary School M	676608.7	4862739.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.32E-03	
139	Primary School N	677222.2	4863759.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	
140	Primary School O	678154.9	4863872.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.29E-03	
141	Court. Subdivision 12	678309.6	4863600.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	
142	Primary School Q	677010.6	4862470.6		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.43E-03	
143	Primary School R	677431.3	4866694.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.30E-03	
144	Primary School S	675266.2	4863562.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.23E-03	
145	Primary School T	673479.2	4860029.4		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.18E-03	
146	Primary School U	670856.0	4860710.6		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
147	Primary School V	672660.2	4863909.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.10E-03	
148	Primary School W	672735.2	4859232.9		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	
149	Primary School X	673575.8	4862688.6		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.15E-03	
150	Primary School Y	673710.3	4861969.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.28E-03	
151	Primary School Z	672366.0	4859928.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.15E-03	
152	Primary School AA	672561.7	4866047.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.16E-03	
153	Primary School BB	675095.1	4862930.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.31E-03	
154	Primary School CC	673242.6	4865197.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47						



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03
					Background Concentration (µg/m <sup>3</sup> )	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03
1	Campground 10	678526.8	485996.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.84E-03	
158	Primary School GG	671659.7	4863120.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.12E-03	
159	Primary School HH	673853.4	4866711.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	
160	Primary School II	672616.7	4862114.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.15E-03	
161	Primary School JJ	673567.2	4861899.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.23E-03	
162	Primary School KK	671791.0	4861954.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.13E-03	
163	Primary School LL	673762.3	4864210.6		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.14E-03	
164	Primary School MM	672238.8	4864621.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
165	Primary School NN	673213.6	4858677.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.23E-03	
166	Primary School OO	675474.8	4863221.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.29E-03	
167	Primary School PP	672441.8	4858748.6		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.30E-03	
168	Primary School QQ	672796.8	4864438.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
169	Primary School RR	671351.4	4863284.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
170	Primary School SS	673213.9	4862125.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.22E-03	
171	Primary School TT	671017.9	4860953.7		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.07E-03	
172	Primary School UU	670991.0	4861089.8		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.05E-03	
173	Primary School VV	674150.1	4862294.8		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.21E-03	
174	Primary School WW	672005.2	4861707.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.10E-03	
175	Primary School XX	684172.1	4863615.6		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.68E-03	
176	Primary School YY	683923.3	4866636.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.28E-03	
177	Primary School ZZ	680446.0	4865770.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.18E-03	
178	Vacant School	685612.9	4864520.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.28E-03	
179	Secondary School A	686291.4	4865064.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.22E-03	
180	Secondary School B	683875.0	4864741.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	
181	Secondary School C	684650.3	4866460.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.21E-03	
182	Secondary School D	678099.5	4864838.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.29E-03	
183	Secondary School E	678467.0	4863431.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.41E-03	
184	Secondary School F	674144.9	4862762.7		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.18E-03	
185	Secondary School G	673816.0	4864357.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.15E-03	
186	Secondary School H	673145.4	4858569.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.22E-03	
187	Secondary School I	671291.7	4863581.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.10E-03	
188	Secondary School J	671443.2	4861664.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.06E-03	
189	Secondary School K	673235.3	4860885.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.12E-03	
190	Secondary School L	684252.7	4866500.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.26E-03	
191	Secondary School M	673914.1	4859551.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	
192	Secondary School N	675051.5	4864177.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.20E-03	
193	Adult School	685276.1	4866019.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.27E-03	
194	Bow. Valley Cons. 1	685356.6	4864521.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	
195	Bow. Valley Cons. 2	685627.7	4864167.8		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.23E-03	
196	Bow. Valley Cons. 4	685852.7	4863640.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.32E-03	
197	Bow. Valley Cons. 5	686163.1	4863621.5		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.36E-03	
198	Bow. Valley Cons. 6	685931.9	4863380.6		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.32E-03	
199	Maple Grove 1	681688.5	4864717.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.30E-03	
200	Maple Grove 2	681768.9	4864631.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	
201	Maple Grove 3	681894.9	4864506.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.36E-03	
202	Maple Grove 4	681974.8	4864443.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.40E-03	
203	Maple Grove 5	681942.2	4864676.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	
204	Maple Grove 6	682053.2	4864586.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	
205	Maple Grove 7	682168.5	4864631.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.41E-03	
206	Maple Grove 8	682261.7	4864520.9		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31</								

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03
					Background Concentration (µg/m <sup>3</sup> )	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03
1	Campground 10	678526.8	485996.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.84E-03	
210	Port Darlington 2	686184.8	4861252.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.48E-03	
211	Port Darlington 3	686151.2	4861286.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	
212	Port Darlington 4	686351.1	4861341.6		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.56E-03	
213	Port Darlington 5	686406.8	4861448.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.58E-03	
214	Port Darlington 6	686504.5	4861604.0		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.57E-03	
215	Port Darlington 7	686703.0	4861789.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.48E-03	
216	Port Darlington 8	686895.8	4861960.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	
217	Port Darlington 9	686867.4	4862119.7		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.29E-03	
218	Port Darlington 10	687190.7	4862048.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.27E-03	
219	Port Darlington 11	687524.4	4862126.8		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.25E-03	
220	Campground 1	678646.3	4860337.7		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.40E-03	
221	Campground 2	678410.2	4860148.6		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.18E-03	
222	Campground 3	678651.0	4860054.4		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	
223	Campground 4	678725.9	4859860.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.89E-03	
224	Campground 5	678511.1	4859808.6		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	
225	Campground 6	678869.5	4859696.0		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.78E-03	
226	Campground 7	678723.9	4860201.8		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.31E-03	
227	Campground 8	678796.0	4860011.4		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.83E-03	
228	Campground 9	678852.7	4859854.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.83E-03	
229	Solina 1	681099.6	4861677.2		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.06E-03	
230	Solina 2	681115.7	4861857.7		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.04E-03	
231	Solina 3	680987.4	4861983.5		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.06E-03	
232	Solina 4	680965.0	4862068.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.94E-03	
233	Solina 5	681021.5	4862086.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	
234	Solina 6	680939.8	4862124.3		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.79E-03	
235	Solina 7	680988.2	4862183.6		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.88E-03	
236	Solina 8	680984.6	4862209.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.82E-03	
237	Solina 9	680958.6	4862294.9		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	
238	Solina 10	680858.0	4862324.3		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.90E-03	
239	Solina 11	680990.3	4862403.5		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.73E-03	
240	Recreational 1	681545.0	4860865.0		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	
241	Recreational 2	681563.7	4860687.4		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.29E-03	
242	Recreational 3	681579.7	4860610.0		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.12E-03	
243	Recreational 6	681876.6	4860254.4		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.52E-03	
244	Recreational 7	682166.9	4860324.4		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.31E-03	
245	Darlington 1	679565.4	4861052.9		3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.97E-03	
246	Darlington 2	679452.9	4861051.4		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.74E-03	
247	Darlington 3	679130.5	4860948.8		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.65E-03	
248	Darlington 4	679112.6	4860941.9		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.68E-03	
249	Darlington 5	679057.6	4860994.1		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.60E-03	
250	Darlington 6	679075.2	4860931.6		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.70E-03	
251	Darlington 7	678814.3	4860843.1		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.27E-03	
252	Darlington 8	678840.4	4860777.1		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.09E-03	
253	Light Ind. 1	680000.1	4861034.1		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.38E-03	
254	Light Ind. 2	680060.7	4861056.4		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.30E-03	
255	Light Ind. 3	680291.2	4861151.6		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.75E-03	
256	Light Ind. 4	680536.3	4861204.6		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.62E-03	
257	Light Ind. 5	680350.4	4861290.6		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.72E-03	
258	Light Ind. 6	680306.9	4861275.6		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03</											

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03
					Background Concentration (µg/m <sup>3</sup> )	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03
1	Campground 10	678526.8	485996.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.84E-03	
262	Light Ind. 10	680092.5	4861185.1		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.29E-03	
263	Light Ind. 11	680071.6	4861246.6		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.32E-03	
264	Light Ind. 12	680021.4	4861186.9		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.37E-03	
265	Future Industrial 7	680816.2	4860219.3		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	
266	Future Industrial 8	680398.0	4860731.8		3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24	5.23E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.72E-03	
267	Future Industrial 1	680359.6	4859959.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.88E-03	
268	Future Industrial 2	680083.7	4859985.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.00E-03	
269	Future Industrial 3	680819.9	4860705.3		3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.12E-03	
270	Future Industrial 4	681070.0	4859937.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	
271	Future Industrial 5	679898.8	4860067.4		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.23E-03	
272	Future Industrial 6	680134.8	4860694.1		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.79E-03	
273	Future Industrial 11	680253.7	4860255.2		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.33E-03	
274	Future Industrial 12	679901.2	4860511.8		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.14E-03	
275	Commercial Farmer	679867.8	4860445.4		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.08E-03	
276	Farmer	679277.0	4859981.5		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.90E-03	
277	Residence	679387.2	4860648.9		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.20E-03	
278	Barn	679261.9	4860574.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.02E-03	
279	Residence	680150.7	4861295.7		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.22E-03	
280	Residence	679939.8	4861213.4		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.44E-03	
281	Farmer	680855.7	4861456.9		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.44E-03	
282	Farmer	681386.2	4861673.3		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.27E-03	
283	Residence	680683.5	4861597.9		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.26E-03	
284	Business	680064.3	4861343.7		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.39E-03	
285	Farmer	679680.1	4861213.5		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.60E-03	
286	Farmer	681344.8	4861792.9		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.03E-03	
287	Youth Centre	685644.2	4864814.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	
288	Bowmanville Arena	685462.9	4864615.2		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	
289	Bowmanville Rec Complex	684160.3	4864604.5		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.44E-03	
290	Recreation Complex	684586.6	4862406.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.39E-03	
291	Superdog Central	681487.7	4865723.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.23E-03	
292	Equestrian Centre	681567.1	4863670.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.63E-03	
293	Flea Market	678574.6	4862819.4		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.69E-03	
294	Equestrian Centre	680030.8	4867320.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.14E-03	
295	Courtice Community Comp	678099.3	4864629.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.33E-03	
296	Former Restaurant	679830.2	4860702.2		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.06E-03	
297	Commercial	679364.8	4861016.0		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.46E-03	
298	GM Oshawa Headquarters	676418.3	4860463.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.58E-03	
299	Farm A?	682972.3	4862201.9		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.60E-03	
300	Farm B?	683546.9	4861959.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	
301	Farm C?	682547.5	4862321.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.83E-03	
302	Farm D?	683238.3	4862393.3		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	
303	Farm E?	682512.6	4862858.0		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.77E-03	
304	Farm F?	683129.1	4863649.4		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.66E-03	
305	Bennett 1	688209.3	4862512.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.20E-03	
306	Bennett 2	687990.0	4863221.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.18E-03	
307	Bennett 3	688818.4	4862836.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
308	Bennett 4	689045.1	4863365.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.22E-03	
309	Bennett 5	688270.5	4863763.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
310	Bennett 6	689908.5	4863100.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11					

Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03
					Background Concentration (µg/m <sup>3</sup> )	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03
1	Campground 10	678526.8	485996.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.84E-03	
314	Soper 2	687241.9	4863171.7		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.21E-03	
315	Soper 3	687023.2	4863903.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.28E-03	
316	Soper 4	688158.2	4865389.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.21E-03	
317	Soper 5	685027.3	4868253.9		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.21E-03	
318	Soper 6	687287.4	4867037.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.14E-03	
319	Soper 7	685683.2	4867148.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.16E-03	
320	Soper 8	686748.7	4865874.7		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.24E-03	
321	Bowmanville 1	687026.3	4862368.4		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.26E-03	
322	Bowmanville 2	686625.7	4863020.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.22E-03	
323	Bowmanville 3	683380.3	4865365.9		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.43E-03	
324	Bowmanville 4	683111.4	4867150.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.40E-03	
325	Bowmanville 5	682452.2	4869417.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.08E-03	
326	Bowmanville 6	684778.5	4864888.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.25E-03	
327	Bowmanville 7	684549.5	4866404.4		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.22E-03	
328	Upper Tooley 1	679944.8	4864883.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.35E-03	
329	Upper Tooley 2	679055.1	4863885.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	
330	Upper Tooley 3	679714.0	4862767.4		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.69E-03	
331	Upper Tooley 4	678898.8	4861800.6		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.20E-03	
332	Upper Tooley 5	680353.5	4862156.5		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.00E-03	
333	Upper Tooley 6	679818.1	4861625.7		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.04E-03	
334	Robinson 1	678434.8	4860943.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.02E-03	
335	Robinson 2	677752.6	4861240.6		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.82E-03	
336	Robinson 3	677642.2	4861787.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.67E-03	
337	Robinson 4	678532.7	4862143.6		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.98E-03	
338	Robinson 5	678005.1	4862784.9		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	
339	Robinson 6	677882.7	4860587.7		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.74E-03	
340	F/B 1	677443.1	4867862.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.16E-03	
341	F/B 2	679667.4	4866611.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.27E-03	
342	F/B 3	678655.0	4867470.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.30E-03	
343	F/B 4	676191.2	4866844.7		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.17E-03	
344	F/B 5	678273.3	4866093.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.26E-03	
345	F/B 6	681241.2	4867098.8		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
346	F/B 7	682165.3	4868082.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.12E-03	
347	F/B 8	679366.6	4868628.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
348	F/B 9	680310.1	4869967.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.06E-03	
349	F/B 10	676487.3	4869291.6		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.24E-03	
350	F/B 11	676851.4	4865409.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.24E-03	
351	F/B 12	681153.3	4868682.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
352	F/B 13	675416.3	4859833.9		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.58E-03	
353	Second 1	675153.4	4860552.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.35E-03	
354	Second 2	675297.5	4860891.3		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.32E-03	
355	Second 3	675647.2	4860644.9		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	
356	Second 4	675670.5	4860076.5		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.56E-03	
357	Second 5	676043.3	4860319.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.42E-03	
358	Second 6	675923.4	4859821.4		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.64E-03	
359	McLaughlin Bay 1	676714.7	4860903.8		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	
360	McLaughlin Bay 2	677310.8	4860528.2		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.77E-03	
361	McLaughlin Bay 3	676563.5	4860260.1		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.61E-03	
362	McLaughlin Bay 4	676699.5	4859696.6		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.									



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03
					Background Concentration (µg/m <sup>3</sup> )	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03
1	Campground 10	678526.8	4859996.8		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.84E-03	
366	Harmony Creek 2	674592.0	4862605.3		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.20E-03	
367	Harmony Creek 3	672863.4	4862808.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.13E-03	
368	Harmony Creek 4	675671.6	4864469.0		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.49E-03	
369	Harmony Creek 5	672443.1	4864713.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
370	Harmony Creek 6	674830.5	4866909.6		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.17E-03	
371	Harmony Creek 7	675799.9	4868594.1		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
372	Westside 1	686082.6	4862776.6		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.26E-03	
373	Westside 2	685778.7	4862137.9		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.35E-03	
374	Westside 3	685084.2	4862827.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.28E-03	
375	Darlington 1	680977.5	4865674.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.27E-03	
376	Darlington 2	680913.9	4863967.1		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.47E-03	
377	Darlington 3	682602.8	4863659.6		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.93E-03	
378	Darlington 4	682206.4	4862910.4		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.99E-03	
379	Darlington 5	683223.2	4861114.0		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.81E-03	
380	Darlington 6	683947.7	4862362.0		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.57E-03	
381	Darlington 7	685361.9	4861143.4		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.44E-03	
382	Bennett ECO/HH	688606.4	4862634.8		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.18E-03	
383	Oshawa ECO/HH	673884.9	4859128.9		3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	
384	Oshawa Creek 1	671671.2	4862793.7		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.11E-03	
385	Oshawa Creek 2	671668.5	4861589.5		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.05E-03	
386	Oshawa Creek 3	672820.2	4861287.2		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.07E-03	
387	Oshawa Creek 4	672360.3	4860262.6		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.14E-03	
388	Oshawa Creek 5	673921.2	4860115.0		3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.19E-03	
389	Oshawa Creek 6	673154.0	4859421.9		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	
390	Farmer	677409.8	4861051.4		3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.24E-03	
391	Commercial Market	688276.3	4864698.5		3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.29E-03	



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	0.02		0.00E+00	0.00E+00
				Background Concentration (µg/m <sup>3</sup> )	4.83			
1	Campground 10	678526.8	4859996.8		4.84		0.00E+00	0.00E+00
2	ECO 2	675490.4	4860360.1		4.83		0.00E+00	0.00E+00
3	Recreational 5	681642.0	4860349.3		4.85		0.00E+00	0.00E+00
4	ECO 4	676831.5	4859840.9		4.84		0.00E+00	0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0		4.83		0.00E+00	0.00E+00
6	ECO 6	679647.8	4859989.3		4.84		0.00E+00	0.00E+00
7	ECO 7	681578.8	4862070.1		4.84		0.00E+00	0.00E+00
8	ECO 8	679735.5	4861048.6		4.85		0.00E+00	0.00E+00
9	ECO 9	687219.7	4864249.3		4.83		0.00E+00	0.00E+00
10	ECO 10	686519.0	4861987.6		4.83		0.00E+00	0.00E+00
11	ECO 11	679870.4	4859737.9		4.84		0.00E+00	0.00E+00
12	Recreational 4	681575.5	4860557.7		4.84		0.00E+00	0.00E+00
13	Future Industrial 9	680704.5	4859857.8		4.84		0.00E+00	0.00E+00
14	Future Industrial 10	680608.0	4860719.6		4.85		0.00E+00	0.00E+00
15	Harmony Creek	673992.4	4865641.4		4.83		0.00E+00	0.00E+00
16	Farewell Creek	678079.2	4868822.7		4.83		0.00E+00	0.00E+00
17	Farmer	681378.6	4860335.0		4.85		0.00E+00	0.00E+00
18	Watson Farm	682883.4	4864219.7		4.84		0.00E+00	0.00E+00
19	Racanski Farm	678929.2	4865530.2		4.83		0.00E+00	0.00E+00
20	Zoo	687216.8	4864835.3		4.83		0.00E+00	0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9		4.83		0.00E+00	0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2		4.84		0.00E+00	0.00E+00
23	OPG 1	682258.1	4860045.0		4.84		0.00E+00	0.00E+00
24	OPG 2	682551.4	4859889.1		4.84		0.00E+00	0.00E+00
25	OPG 3	682824.6	4859759.3		4.83		0.00E+00	0.00E+00
26	OPG 4	683021.6	4859937.3		4.84		0.00E+00	0.00E+00
27	OPG 5	683318.2	4859677.8		4.83		0.00E+00	0.00E+00
28	OPG 6	683306.9	4860023.0		4.84		0.00E+00	0.00E+00
29	OPG 7	683718.6	4859915.8		4.83		0.00E+00	0.00E+00
30	OPG 8	682702.0	4859998.6		4.84		0.00E+00	0.00E+00
31	OPG 9	684347.7	4861184.6		4.83		0.00E+00	0.00E+00
32	OPG 10	682157.2	4861228.2		4.84		0.00E+00	0.00E+00
33	St. Mary's 1	684557.0	4861070.0		4.83		0.00E+00	0.00E+00
34	St. Mary's 2	684657.3	4861320.8		4.83		0.00E+00	0.00E+00
35	St. Mary's 3	684905.3	4861154.4		4.83		0.00E+00	0.00E+00
36	Court. Subdivision 1	677328.4	4862976.1		4.84		0.00E+00	0.00E+00
37	Court. Subdivision 2	676187.9	4862611.1		4.83		0.00E+00	0.00E+00
38	Court. Subdivision 3	675974.8	4863484.1		4.83		0.00E+00	0.00E+00
39	Court. Subdivision 4	676606.1	4863214.1		4.83		0.00E+00	0.00E+00
40	Court. Subdivision 5	676827.1	4863591.4		4.83		0.00E+00	0.00E+00
41	Court. Subdivision 6	677200.4	4864074.9		4.83		0.00E+00	0.00E+00
42	Court. Subdivision 7	677719.8	4863625.1		4.83		0.00E+00	0.00E+00
43	Court. Subdivision 8	678271.6	4864200.6		4.83		0.00E+00	0.00E+00
44	Court. Subdivision 9	678184.4	4863373.6		4.83		0.00E+00	0.00E+00
45	Court. Subdivision 10	677179.7	4862499.5		4.83		0.00E+00	0.00E+00
46	Bow. Subdivision 1	683536.7	4864215.2		4.84		0.00E+00	0.00E+00
47	Bow. Subdivision 2	683770.0	4863915.1		4.83		0.00E+00	0.00E+00
48	Bow. Subdivision 3	683671.0	4863534.1		4.84		0.00E+00	0.00E+00
49	Bow. Subdivision 4	684501.9	4863847.4		4.83		0.00E+00	0.00E+00
50	Bow. Subdivision 5	684242.9	4863518.8		4.83		0.00E+00	0.00E+00
51	Bow. Subdivision 6	684271.4	4863201.5		4.83		0.00E+00	0.00E+00
52	Bow. Subdivision 7	683992.6	4862628.1		4.83		0.00E+00	0.00E+00
53	Bow. Subdivision 8	684608.2	4862956.8		4.83		0.00E+00	0.00E+00



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	0.02		0.00E+00	0.00E+00
				Background Concentration (µg/m <sup>3</sup> )	4.83			
1	Campground 10	678526.8	4859996.8		4.84		0.00E+00	0.00E+00
54	Bow. Subdivision 9	684777.3	4863330.5		4.83		0.00E+00	0.00E+00
55	Bow. Subdivision 10	685266.0	4863243.1		4.83		0.00E+00	0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3		4.84		0.00E+00	0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8		4.83		0.00E+00	0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0		4.83		0.00E+00	0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1		4.84		0.00E+00	0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3		4.84		0.00E+00	0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2		4.83		0.00E+00	0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2		4.83		0.00E+00	0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7		4.83		0.00E+00	0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3		4.83		0.00E+00	0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8		4.83		0.00E+00	0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7		4.83		0.00E+00	0.00E+00
67	Daycare B	685172.4	4863933.1		4.83		0.00E+00	0.00E+00
68	Daycare C	685452.0	4863104.4		4.83		0.00E+00	0.00E+00
69	Daycare D	685527.7	4864693.3		4.83		0.00E+00	0.00E+00
70	Daycare E	685735.4	4864790.8		4.83		0.00E+00	0.00E+00
71	Daycare F	685520.3	4864854.3		4.83		0.00E+00	0.00E+00
72	Daycare G	685441.9	4864878.0		4.83		0.00E+00	0.00E+00
73	Daycare H	686364.8	4864707.8		4.83		0.00E+00	0.00E+00
74	Daycare I	685721.6	4865127.3		4.83		0.00E+00	0.00E+00
75	Daycare J	678256.3	4863565.4		4.83		0.00E+00	0.00E+00
76	Daycare K	677694.1	4864043.7		4.83		0.00E+00	0.00E+00
77	Daycare L	676479.5	4862526.2		4.83		0.00E+00	0.00E+00
78	Daycare M	678320.9	4864763.5		4.83		0.00E+00	0.00E+00
79	Daycare N	678513.4	4865058.0		4.83		0.00E+00	0.00E+00
80	Daycare O	672788.7	4863936.6		4.83		0.00E+00	0.00E+00
81	Daycare P	673952.8	4863592.5		4.83		0.00E+00	0.00E+00
82	Daycare Q	671751.8	4864887.7		4.83		0.00E+00	0.00E+00
83	Daycare R	685714.4	4864667.4		4.83		0.00E+00	0.00E+00
84	Daycare S	684177.9	4863618.2		4.84		0.00E+00	0.00E+00
85	Daycare T	678423.6	4864480.4		4.83		0.00E+00	0.00E+00
86	Daycare U	685330.5	4863435.1		4.83		0.00E+00	0.00E+00
87	Daycare V	685153.2	4863236.9		4.83		0.00E+00	0.00E+00
88	Daycare W	672679.0	4862044.9		4.83		0.00E+00	0.00E+00
89	Daycare X	672076.5	4865285.8		4.83		0.00E+00	0.00E+00
90	Daycare Y	672638.0	4859664.4		4.83		0.00E+00	0.00E+00
91	Daycare Z	673735.9	4858958.0		4.83		0.00E+00	0.00E+00
92	Daycare AA	673121.8	4863385.9		4.83		0.00E+00	0.00E+00
93	Daycare BB	673904.8	4862282.2		4.83		0.00E+00	0.00E+00
94	Daycare CC	671471.6	4861795.3		4.83		0.00E+00	0.00E+00
95	Daycare DD	673057.3	4862625.6		4.83		0.00E+00	0.00E+00
96	Daycare EE	674917.1	4863957.2		4.83		0.00E+00	0.00E+00
97	Daycare FF	671356.6	4862954.4		4.83		0.00E+00	0.00E+00
98	Daycare GG	671675.5	4862705.8		4.83		0.00E+00	0.00E+00
99	Daycare HH	671604.8	4860138.1		4.83		0.00E+00	0.00E+00
100	Daycare II	670945.2	4857983.8		4.83		0.00E+00	0.00E+00
101	Daycare JJ	677514.6	4864744.1		4.83		0.00E+00	0.00E+00
102	Daycare KK	676519.9	4862680.1		4.83		0.00E+00	0.00E+00
103	Daycare LL	677660.6	4863601.3		4.83		0.00E+00	0.00E+00
104	Court. Subdivision 11	677665.8	4863406.6		4.84		0.00E+00	0.00E+00
105	Daycare NN	674866.3	4864667.2		4.83		0.00E+00	0.00E+00



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	0.02		0.00E+00	0.00E+00
				Background Concentration (µg/m <sup>3</sup> )	4.83			
1	Campground 10	678526.8	4859996.8		4.84		0.00E+00	0.00E+00
106	Daycare OO	673201.0	4864746.4		4.83		0.00E+00	0.00E+00
107	Daycare PP	674794.5	4864915.4		4.83		0.00E+00	0.00E+00
108	Hospital	686324.2	4864395.8		4.83		0.00E+00	0.00E+00
109	Hospital (Children  s)	676057.8	4862180.9		4.83		0.00E+00	0.00E+00
110	Hospital	671233.2	4863615.9		4.83		0.00E+00	0.00E+00
111	Comm. Resp. Services	676045.4	4863902.5		4.83		0.00E+00	0.00E+00
112	Hospital	671712.7	4862364.1		4.83		0.00E+00	0.00E+00
113	Retirement Residence A	684199.9	4864120.3		4.83		0.00E+00	0.00E+00
114	Retirement Residence B	685483.9	4865150.9		4.83		0.00E+00	0.00E+00
115	Retirement Residence C	686844.0	4864732.1		4.83		0.00E+00	0.00E+00
116	Retirement Residence D	673481.7	4863343.4		4.83		0.00E+00	0.00E+00
117	Retirement Residence E	671825.2	4864399.0		4.83		0.00E+00	0.00E+00
118	Retirement Residence F	671606.3	4864536.0		4.83		0.00E+00	0.00E+00
119	Retirement Residence G	671357.1	4862958.7		4.83		0.00E+00	0.00E+00
120	Retirement Residence H	671514.0	4862262.9		4.83		0.00E+00	0.00E+00
121	Retirement Residence I	672602.2	4863075.9		4.83		0.00E+00	0.00E+00
122	Retirement Residence J	671719.1	4862893.1		4.83		0.00E+00	0.00E+00
123	Retirement Residence K	686718.0	4865648.7		4.83		0.00E+00	0.00E+00
124	Retirement Residence L	676168.7	4865669.9		4.83		0.00E+00	0.00E+00
125	Retirement Residence M	676118.5	4863980.7		4.83		0.00E+00	0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7		4.83		0.00E+00	0.00E+00
127	Primary School B	685384.8	4863575.3		4.83		0.00E+00	0.00E+00
128	Primary School C	685021.6	4863952.9		4.83		0.00E+00	0.00E+00
129	Primary School D	686237.0	4864085.5		4.83		0.00E+00	0.00E+00
130	Primary School E	686719.0	4863734.7		4.83		0.00E+00	0.00E+00
131	Primary School F	686357.0	4864754.9		4.83		0.00E+00	0.00E+00
132	Primary School G	685502.0	4865013.4		4.83		0.00E+00	0.00E+00
133	Primary School H	686726.7	4866061.5		4.83		0.00E+00	0.00E+00
134	Primary School I	685186.2	4866568.2		4.83		0.00E+00	0.00E+00
135	Primary School J	685965.3	4866979.0		4.83		0.00E+00	0.00E+00
136	Primary School K	677709.9	4864726.5		4.83		0.00E+00	0.00E+00
137	Primary School L	675988.3	4864270.2		4.83		0.00E+00	0.00E+00
138	Primary School M	676608.7	4862739.0		4.83		0.00E+00	0.00E+00
139	Primary School N	677222.2	4863759.1		4.83		0.00E+00	0.00E+00
140	Primary School O	678154.9	4863872.7		4.83		0.00E+00	0.00E+00
141	Court. Subdivision 12	678309.6	4863600.8		4.83		0.00E+00	0.00E+00
142	Primary School Q	677010.6	4862470.6		4.83		0.00E+00	0.00E+00
143	Primary School R	677431.3	4866694.7		4.83		0.00E+00	0.00E+00
144	Primary School S	675266.2	4863562.9		4.83		0.00E+00	0.00E+00
145	Primary School T	673479.2	4860029.4		4.83		0.00E+00	0.00E+00
146	Primary School U	670856.0	4860710.6		4.83		0.00E+00	0.00E+00
147	Primary School V	672660.2	4863909.2		4.83		0.00E+00	0.00E+00
148	Primary School W	672735.2	4859232.9		4.83		0.00E+00	0.00E+00
149	Primary School X	673575.8	4862688.6		4.83		0.00E+00	0.00E+00
150	Primary School Y	673710.3	4861969.0		4.83		0.00E+00	0.00E+00
151	Primary School Z	672366.0	4859928.1		4.83		0.00E+00	0.00E+00
152	Primary School AA	672561.7	4866047.1		4.83		0.00E+00	0.00E+00
153	Primary School BB	675095.1	4862930.4		4.83		0.00E+00	0.00E+00
154	Primary School CC	673242.6	4865197.9		4.83		0.00E+00	0.00E+00
155	Primary School DD	674164.9	4863031.3		4.83		0.00E+00	0.00E+00
156	Primary School EE	671905.6	4864697.8		4.83		0.00E+00	0.00E+00
157	Primary School FF	673294.9	4858774.5		4.83		0.00E+00	0.00E+00





Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	0.02		0.00E+00	0.00E+00
				Background Concentration (µg/m <sup>3</sup> )	4.83			
1	Campground 10	678526.8	4859996.8		4.84		0.00E+00	0.00E+00
158	Primary School GG	671659.7	4863120.0		4.83		0.00E+00	0.00E+00
159	Primary School HH	673853.4	4866711.0		4.83		0.00E+00	0.00E+00
160	Primary School II	672616.7	4862114.9		4.83		0.00E+00	0.00E+00
161	Primary School JJ	673567.2	4861899.5		4.83		0.00E+00	0.00E+00
162	Primary School KK	671791.0	4861954.2		4.83		0.00E+00	0.00E+00
163	Primary School LL	673762.3	4864210.6		4.83		0.00E+00	0.00E+00
164	Primary School MM	672238.8	4864621.3		4.83		0.00E+00	0.00E+00
165	Primary School NN	673213.6	4858677.0		4.83		0.00E+00	0.00E+00
166	Primary School OO	675474.8	4863221.7		4.83		0.00E+00	0.00E+00
167	Primary School PP	672441.8	4858748.6		4.83		0.00E+00	0.00E+00
168	Primary School QQ	672796.8	4864438.2		4.83		0.00E+00	0.00E+00
169	Primary School RR	671351.4	4863284.0		4.83		0.00E+00	0.00E+00
170	Primary School SS	673213.9	4862125.5		4.83		0.00E+00	0.00E+00
171	Primary School TT	671017.9	4860953.7		4.83		0.00E+00	0.00E+00
172	Primary School UU	670991.0	4861089.8		4.83		0.00E+00	0.00E+00
173	Primary School VV	674150.1	4862294.8		4.83		0.00E+00	0.00E+00
174	Primary School WW	672005.2	4861707.9		4.83		0.00E+00	0.00E+00
175	Primary School XX	684172.1	4863615.6		4.84		0.00E+00	0.00E+00
176	Primary School YY	683923.3	4866636.4		4.83		0.00E+00	0.00E+00
177	Primary School ZZ	680446.0	4865770.5		4.83		0.00E+00	0.00E+00
178	Vacant School	685612.9	4864520.0		4.83		0.00E+00	0.00E+00
179	Secondary School A	686291.4	4865064.3		4.83		0.00E+00	0.00E+00
180	Secondary School B	683875.0	4864741.7		4.83		0.00E+00	0.00E+00
181	Secondary School C	684650.3	4866460.3		4.83		0.00E+00	0.00E+00
182	Secondary School D	678099.5	4864838.2		4.83		0.00E+00	0.00E+00
183	Secondary School E	678467.0	4863431.2		4.83		0.00E+00	0.00E+00
184	Secondary School F	674144.9	4862762.7		4.83		0.00E+00	0.00E+00
185	Secondary School G	673816.0	4864357.1		4.83		0.00E+00	0.00E+00
186	Secondary School H	673145.4	4858569.0		4.83		0.00E+00	0.00E+00
187	Secondary School I	671291.7	4863581.3		4.83		0.00E+00	0.00E+00
188	Secondary School J	671443.2	4861664.9		4.83		0.00E+00	0.00E+00
189	Secondary School K	673235.3	4860885.0		4.83		0.00E+00	0.00E+00
190	Secondary School L	684252.7	4866500.5		4.83		0.00E+00	0.00E+00
191	Secondary School M	673914.1	4859551.7		4.83		0.00E+00	0.00E+00
192	Secondary School N	675051.5	4864177.2		4.83		0.00E+00	0.00E+00
193	Adult School	685276.1	4866019.8		4.83		0.00E+00	0.00E+00
194	Bow. Valley Cons. 1	685356.6	4864521.2		4.83		0.00E+00	0.00E+00
195	Bow. Valley Cons. 2	685627.7	4864167.8		4.83		0.00E+00	0.00E+00
196	Bow. Valley Cons. 4	685852.7	4863640.2		4.83		0.00E+00	0.00E+00
197	Bow. Valley Cons. 5	686163.1	4863621.5		4.83		0.00E+00	0.00E+00
198	Bow. Valley Cons. 6	685931.9	4863380.6		4.83		0.00E+00	0.00E+00
199	Maple Grove 1	681688.5	4864717.0		4.83		0.00E+00	0.00E+00
200	Maple Grove 2	681768.9	4864631.8		4.83		0.00E+00	0.00E+00
201	Maple Grove 3	681894.9	4864506.8		4.83		0.00E+00	0.00E+00
202	Maple Grove 4	681974.8	4864443.2		4.83		0.00E+00	0.00E+00
203	Maple Grove 5	681942.2	4864676.7		4.83		0.00E+00	0.00E+00
204	Maple Grove 6	682053.2	4864586.2		4.83		0.00E+00	0.00E+00
205	Maple Grove 7	682168.5	4864631.3		4.83		0.00E+00	0.00E+00
206	Maple Grove 8	682261.7	4864520.9		4.83		0.00E+00	0.00E+00
207	Maple Grove 9	682382.1	4864589.4		4.83		0.00E+00	0.00E+00
208	Maple Grove 10	682459.8	4864499.2		4.83		0.00E+00	0.00E+00
209	Port Darlington 1	686227.8	4861159.0		4.83		0.00E+00	0.00E+00



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	0.02		0.00E+00	0.00E+00
				Background Concentration (µg/m <sup>3</sup> )	4.83			
1	Campground 10	678526.8	4859996.8		4.84		0.00E+00	0.00E+00
210	Port Darlington 2	686184.8	4861252.0		4.83		0.00E+00	0.00E+00
211	Port Darlington 3	686151.2	4861286.8		4.83		0.00E+00	0.00E+00
212	Port Darlington 4	686351.1	4861341.6		4.83		0.00E+00	0.00E+00
213	Port Darlington 5	686406.8	4861448.7		4.83		0.00E+00	0.00E+00
214	Port Darlington 6	686504.5	4861604.0		4.83		0.00E+00	0.00E+00
215	Port Darlington 7	686703.0	4861789.3		4.83		0.00E+00	0.00E+00
216	Port Darlington 8	686895.8	4861960.2		4.83		0.00E+00	0.00E+00
217	Port Darlington 9	686867.4	4862119.7		4.83		0.00E+00	0.00E+00
218	Port Darlington 10	687190.7	4862048.8		4.83		0.00E+00	0.00E+00
219	Port Darlington 11	687524.4	4862126.8		4.83		0.00E+00	0.00E+00
220	Campground 1	678646.3	4860337.7		4.85		0.00E+00	0.00E+00
221	Campground 2	678410.2	4860148.6		4.84		0.00E+00	0.00E+00
222	Campground 3	678651.0	4860054.4		4.84		0.00E+00	0.00E+00
223	Campground 4	678725.9	4859860.7		4.84		0.00E+00	0.00E+00
224	Campground 5	678511.1	4859808.6		4.84		0.00E+00	0.00E+00
225	Campground 6	678869.5	4859696.0		4.84		0.00E+00	0.00E+00
226	Campground 7	678723.9	4860201.8		4.84		0.00E+00	0.00E+00
227	Campground 8	678796.0	4860011.4		4.84		0.00E+00	0.00E+00
228	Campground 9	678852.7	4859854.2		4.84		0.00E+00	0.00E+00
229	Solina 1	681099.6	4861677.2		4.84		0.00E+00	0.00E+00
230	Solina 2	681115.7	4861857.7		4.84		0.00E+00	0.00E+00
231	Solina 3	680987.4	4861983.5		4.84		0.00E+00	0.00E+00
232	Solina 4	680965.0	4862068.1		4.84		0.00E+00	0.00E+00
233	Solina 5	681021.5	4862086.7		4.84		0.00E+00	0.00E+00
234	Solina 6	680939.8	4862124.3		4.84		0.00E+00	0.00E+00
235	Solina 7	680988.2	4862183.6		4.84		0.00E+00	0.00E+00
236	Solina 8	680984.6	4862209.8		4.84		0.00E+00	0.00E+00
237	Solina 9	680958.6	4862294.9		4.84		0.00E+00	0.00E+00
238	Solina 10	680858.0	4862324.3		4.84		0.00E+00	0.00E+00
239	Solina 11	680990.3	4862403.5		4.84		0.00E+00	0.00E+00
240	Recreational 1	681545.0	4860865.0		4.84		0.00E+00	0.00E+00
241	Recreational 2	681563.7	4860687.4		4.84		0.00E+00	0.00E+00
242	Recreational 3	681579.7	4860610.0		4.84		0.00E+00	0.00E+00
243	Recreational 6	681876.6	4860254.4		4.85		0.00E+00	0.00E+00
244	Recreational 7	682166.9	4860324.4		4.84		0.00E+00	0.00E+00
245	Darlington 1	679565.4	4861052.9		4.85		0.00E+00	0.00E+00
246	Darlington 2	679452.9	4861051.4		4.85		0.00E+00	0.00E+00
247	Darlington 3	679130.5	4860948.8		4.85		0.00E+00	0.00E+00
248	Darlington 4	679112.6	4860941.9		4.85		0.00E+00	0.00E+00
249	Darlington 5	679057.6	4860994.1		4.85		0.00E+00	0.00E+00
250	Darlington 6	679075.2	4860931.6		4.85		0.00E+00	0.00E+00
251	Darlington 7	678814.3	4860843.1		4.84		0.00E+00	0.00E+00
252	Darlington 8	678840.4	4860777.1		4.84		0.00E+00	0.00E+00
253	Light Ind. 1	680000.1	4861034.1		4.85		0.00E+00	0.00E+00
254	Light Ind. 2	680060.7	4861056.4		4.84		0.00E+00	0.00E+00
255	Light Ind. 3	680291.2	4861151.6		4.85		0.00E+00	0.00E+00
256	Light Ind. 4	680536.3	4861204.6		4.85		0.00E+00	0.00E+00
257	Light Ind. 5	680350.4	4861290.6		4.85		0.00E+00	0.00E+00
258	Light Ind. 6	680306.9	4861275.6		4.85		0.00E+00	0.00E+00
259	Light Ind. 7	680267.2	4861262.4		4.85		0.00E+00	0.00E+00
260	Light Ind. 8	680233.6	4861250.7		4.85		0.00E+00	0.00E+00
261	Light Ind. 9	680175.3	4861227.5		4.85		0.00E+00	0.00E+00



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	0.02		0.00E+00	0.00E+00
				Background Concentration (µg/m <sup>3</sup> )	4.83			
1	Campground 10	678526.8	4859996.8		4.84		0.00E+00	0.00E+00
262	Light Ind. 10	680092.5	4861185.1		4.84		0.00E+00	0.00E+00
263	Light Ind. 11	680071.6	4861246.6		4.85		0.00E+00	0.00E+00
264	Light Ind. 12	680021.4	4861186.9		4.85		0.00E+00	0.00E+00
265	Future Industrial 7	680816.2	4860219.3		4.84		0.00E+00	0.00E+00
266	Future Industrial 8	680398.0	4860731.8		4.86		0.00E+00	0.00E+00
267	Future Industrial 1	680359.6	4859959.2		4.84		0.00E+00	0.00E+00
268	Future Industrial 2	680083.7	4859985.7		4.84		0.00E+00	0.00E+00
269	Future Industrial 3	680819.9	4860705.3		4.86		0.00E+00	0.00E+00
270	Future Industrial 4	681070.0	4859937.2		4.84		0.00E+00	0.00E+00
271	Future Industrial 5	679898.8	4860067.4		4.84		0.00E+00	0.00E+00
272	Future Industrial 6	680134.8	4860694.1		4.85		0.00E+00	0.00E+00
273	Future Industrial 11	680253.7	4860255.2		4.85		0.00E+00	0.00E+00
274	Future Industrial 12	679901.2	4860511.8		4.84		0.00E+00	0.00E+00
275	Commercial Farmer	679867.8	4860445.4		4.84		0.00E+00	0.00E+00
276	Farmer	679277.0	4859981.5		4.84		0.00E+00	0.00E+00
277	Residence	679387.2	4860648.9		4.84		0.00E+00	0.00E+00
278	Barn	679261.9	4860574.2		4.84		0.00E+00	0.00E+00
279	Residence	680150.7	4861295.7		4.84		0.00E+00	0.00E+00
280	Residence	679939.8	4861213.4		4.85		0.00E+00	0.00E+00
281	Farmer	680855.7	4861456.9		4.85		0.00E+00	0.00E+00
282	Farmer	681386.2	4861673.3		4.84		0.00E+00	0.00E+00
283	Residence	680683.5	4861597.9		4.84		0.00E+00	0.00E+00
284	Business	680064.3	4861343.7		4.85		0.00E+00	0.00E+00
285	Farmer	679680.1	4861213.5		4.85		0.00E+00	0.00E+00
286	Farmer	681344.8	4861792.9		4.84		0.00E+00	0.00E+00
287	Youth Centre	685644.2	4864814.8		4.83		0.00E+00	0.00E+00
288	Bowmanville Arena	685462.9	4864615.2		4.83		0.00E+00	0.00E+00
289	Bowmanville Rec Complex	684160.3	4864604.5		4.83		0.00E+00	0.00E+00
290	Recreation Complex	684586.6	4862406.3		4.83		0.00E+00	0.00E+00
291	Superdog Central	681487.7	4865723.3		4.83		0.00E+00	0.00E+00
292	Equestrian Centre	681567.1	4863670.7		4.84		0.00E+00	0.00E+00
293	Flea Market	678574.6	4862819.4		4.84		0.00E+00	0.00E+00
294	Equestrian Centre	680030.8	4867320.2		4.83		0.00E+00	0.00E+00
295	Courtice Community Comp	678099.3	4864629.8		4.83		0.00E+00	0.00E+00
296	Former Restaurant	679830.2	4860702.2		4.84		0.00E+00	0.00E+00
297	Commercial	679364.8	4861016.0		4.85		0.00E+00	0.00E+00
298	GM Oshawa Headquarters	676418.3	4860463.7		4.83		0.00E+00	0.00E+00
299	Farm A?	682972.3	4862201.9		4.84		0.00E+00	0.00E+00
300	Farm B?	683546.9	4861959.7		4.83		0.00E+00	0.00E+00
301	Farm C?	682547.5	4862321.1		4.84		0.00E+00	0.00E+00
302	Farm D?	683238.3	4862393.3		4.83		0.00E+00	0.00E+00
303	Farm E?	682512.6	4862858.0		4.84		0.00E+00	0.00E+00
304	Farm F?	683129.1	4863649.4		4.84		0.00E+00	0.00E+00
305	Bennett 1	688209.3	4862512.1		4.83		0.00E+00	0.00E+00
306	Bennett 2	687990.0	4863221.3		4.83		0.00E+00	0.00E+00
307	Bennett 3	688818.4	4862836.3		4.83		0.00E+00	0.00E+00
308	Bennett 4	689045.1	4863365.5		4.83		0.00E+00	0.00E+00
309	Bennett 5	688270.5	4863763.1		4.83		0.00E+00	0.00E+00
310	Bennett 6	689908.5	4863100.5		4.83		0.00E+00	0.00E+00
311	Bennett 7	688929.9	4864392.0		4.83		0.00E+00	0.00E+00
312	Bennett 8	689684.2	4863837.7		4.83		0.00E+00	0.00E+00
313	Soper 1	687557.9	4862512.4		4.83		0.00E+00	0.00E+00



Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	0.02		0.00E+00	0.00E+00
				Background Concentration (µg/m <sup>3</sup> )	4.83			
1	Campground 10	678526.8	4859996.8		4.84		0.00E+00	0.00E+00
314	Soper 2	687241.9	4863171.7		4.83		0.00E+00	0.00E+00
315	Soper 3	687023.2	4863903.8		4.83		0.00E+00	0.00E+00
316	Soper 4	688158.2	4865389.3		4.83		0.00E+00	0.00E+00
317	Soper 5	685027.3	4868253.9		4.83		0.00E+00	0.00E+00
318	Soper 6	687287.4	4867037.3		4.83		0.00E+00	0.00E+00
319	Soper 7	685683.2	4867148.1		4.83		0.00E+00	0.00E+00
320	Soper 8	686748.7	4865874.7		4.83		0.00E+00	0.00E+00
321	Bowmanville 1	687026.3	4862368.4		4.83		0.00E+00	0.00E+00
322	Bowmanville 2	686625.7	4863020.3		4.83		0.00E+00	0.00E+00
323	Bowmanville 3	683380.3	4865365.9		4.83		0.00E+00	0.00E+00
324	Bowmanville 4	683111.4	4867150.3		4.83		0.00E+00	0.00E+00
325	Bowmanville 5	682452.2	4869417.5		4.83		0.00E+00	0.00E+00
326	Bowmanville 6	684778.5	4864888.2		4.83		0.00E+00	0.00E+00
327	Bowmanville 7	684549.5	4866404.4		4.83		0.00E+00	0.00E+00
328	Upper Tooley 1	679944.8	4864883.1		4.83		0.00E+00	0.00E+00
329	Upper Tooley 2	679055.1	4863885.8		4.83		0.00E+00	0.00E+00
330	Upper Tooley 3	679714.0	4862767.4		4.84		0.00E+00	0.00E+00
331	Upper Tooley 4	678898.8	4861800.6		4.84		0.00E+00	0.00E+00
332	Upper Tooley 5	680353.5	4862156.5		4.84		0.00E+00	0.00E+00
333	Upper Tooley 6	679818.1	4861625.7		4.84		0.00E+00	0.00E+00
334	Robinson 1	678434.8	4860943.1		4.84		0.00E+00	0.00E+00
335	Robinson 2	677752.6	4861240.6		4.84		0.00E+00	0.00E+00
336	Robinson 3	677642.2	4861787.2		4.84		0.00E+00	0.00E+00
337	Robinson 4	678532.7	4862143.6		4.84		0.00E+00	0.00E+00
338	Robinson 5	678005.1	4862784.9		4.84		0.00E+00	0.00E+00
339	Robinson 6	677882.7	4860587.7		4.84		0.00E+00	0.00E+00
340	F/B 1	677443.1	4867862.1		4.83		0.00E+00	0.00E+00
341	F/B 2	679667.4	4866611.4		4.83		0.00E+00	0.00E+00
342	F/B 3	678655.0	4867470.1		4.83		0.00E+00	0.00E+00
343	F/B 4	676191.2	4866844.7		4.83		0.00E+00	0.00E+00
344	F/B 5	678273.3	4866093.0		4.83		0.00E+00	0.00E+00
345	F/B 6	681241.2	4867098.8		4.83		0.00E+00	0.00E+00
346	F/B 7	682165.3	4868082.3		4.83		0.00E+00	0.00E+00
347	F/B 8	679366.6	4868628.3		4.83		0.00E+00	0.00E+00
348	F/B 9	680310.1	4869967.1		4.83		0.00E+00	0.00E+00
349	F/B 10	676487.3	4869291.6		4.83		0.00E+00	0.00E+00
350	F/B 11	676851.4	4865409.3		4.83		0.00E+00	0.00E+00
351	F/B 12	681153.3	4868682.2		4.83		0.00E+00	0.00E+00
352	F/B 13	675416.3	4859833.9		4.83		0.00E+00	0.00E+00
353	Second 1	675153.4	4860552.8		4.83		0.00E+00	0.00E+00
354	Second 2	675297.5	4860891.3		4.83		0.00E+00	0.00E+00
355	Second 3	675647.2	4860644.9		4.83		0.00E+00	0.00E+00
356	Second 4	675670.5	4860076.5		4.83		0.00E+00	0.00E+00
357	Second 5	676043.3	4860319.1		4.83		0.00E+00	0.00E+00
358	Second 6	675923.4	4859821.4		4.84		0.00E+00	0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8		4.83		0.00E+00	0.00E+00
360	McLaughlin Bay 2	677310.8	4860528.2		4.84		0.00E+00	0.00E+00
361	McLaughlin Bay 3	676563.5	4860260.1		4.84		0.00E+00	0.00E+00
362	McLaughlin Bay 4	676699.5	4859696.6		4.85		0.00E+00	0.00E+00
363	McLaughlin Bay 5	677560.0	4860060.1		4.84		0.00E+00	0.00E+00
364	McLaughlin Bay 6	678204.5	4859832.5		4.84		0.00E+00	0.00E+00
365	Harmony Creek 1	674178.3	4861024.2		4.83		0.00E+00	0.00E+00





Appendix F - 2: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	0.02		0.00E+00	0.00E+00
				Background Concentration (µg/m <sup>3</sup> )	4.83			
1	Campground 10	678526.8	4859996.8		4.84		0.00E+00	0.00E+00
366	Harmony Creek 2	674592.0	4862605.3		4.83		0.00E+00	0.00E+00
367	Harmony Creek 3	672863.4	4862808.0		4.83		0.00E+00	0.00E+00
368	Harmony Creek 4	675671.6	4864469.0		4.83		0.00E+00	0.00E+00
369	Harmony Creek 5	672443.1	4864713.0		4.83		0.00E+00	0.00E+00
370	Harmony Creek 6	674830.5	4866909.6		4.83		0.00E+00	0.00E+00
371	Harmony Creek 7	675799.9	4868594.1		4.83		0.00E+00	0.00E+00
372	Westside 1	686082.6	4862776.6		4.83		0.00E+00	0.00E+00
373	Westside 2	685778.7	4862137.9		4.83		0.00E+00	0.00E+00
374	Westside 3	685084.2	4862827.4		4.83		0.00E+00	0.00E+00
375	Darlington 1	680977.5	4865674.4		4.83		0.00E+00	0.00E+00
376	Darlington 2	680913.9	4863967.1		4.83		0.00E+00	0.00E+00
377	Darlington 3	682602.8	4863659.6		4.84		0.00E+00	0.00E+00
378	Darlington 4	682206.4	4862910.4		4.84		0.00E+00	0.00E+00
379	Darlington 5	683223.2	4861114.0		4.84		0.00E+00	0.00E+00
380	Darlington 6	683947.7	4862362.0		4.83		0.00E+00	0.00E+00
381	Darlington 7	685361.9	4861143.4		4.83		0.00E+00	0.00E+00
382	Bennett ECO/HH	688606.4	4862634.8		4.83		0.00E+00	0.00E+00
383	Oshawa ECO/HH	673884.9	4859128.9		4.83		0.00E+00	0.00E+00
384	Oshawa Creek 1	671671.2	4862793.7		4.83		0.00E+00	0.00E+00
385	Oshawa Creek 2	671668.5	4861589.5		4.83		0.00E+00	0.00E+00
386	Oshawa Creek 3	672820.2	4861287.2		4.83		0.00E+00	0.00E+00
387	Oshawa Creek 4	672360.3	4860262.6		4.83		0.00E+00	0.00E+00
388	Oshawa Creek 5	673921.2	4860115.0		4.83		0.00E+00	0.00E+00
389	Oshawa Creek 6	673154.0	4859421.9		4.83		0.00E+00	0.00E+00
390	Farmer	677409.8	4861051.4		4.84		0.00E+00	0.00E+00
391	Commercial Market	688276.3	4864698.5		4.83		0.00E+00	0.00E+00



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	and Furans (as TEQ Toxic Equivalent)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)						
					Updated Facility Contaminant Emission Rate (g/s)																											
					Background Concentration (ug/m3)																											
		(m)	(m)		1.45	0.37	0.04	5.00	1.86	0.37	0.37	0.37	0.22	2.02		2.48E-09	2.98E-06		1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03	2.89E-04	1.90E-03						
					5.92			37.03	632		9.78	21.28				1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04							
1	Campground 10	678526.8	4859996.8		5.95	6.28E-03	6.28E-04	37.12	631.70	8.71E-03	9.79	21.28	3.77E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.21E-05						
2	ECO 2	675490.4	4860360.1		5.94	3.84E-03	3.84E-04	37.09	631.68	5.81E-03	9.78	21.28	2.30E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.96E-05						
3	Recreational 5	681642.0	4860349.3		5.96	9.60E-03	9.60E-04	37.16	631.71	0.01	9.79	21.29	5.76E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.91E-05						
4	ECO 4	676831.5	4859840.9		5.94	5.33E-03	5.33E-04	37.11	631.69	7.69E-03	9.79	21.28	3.20E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.72E-05						
5	Bow. Valley Cons. 3	685767.2	4863879.0		5.94	4.04E-03	4.04E-04	37.09	631.69	6.32E-03	9.79	21.28	2.43E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.07E-05						
6	ECO 6	679647.8	4859989.3		5.94	4.38E-03	4.38E-04	37.09	631.69	6.75E-03	9.79	21.28	2.63E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.24E-05						
7	ECO 7	681578.8	4862070.1		5.98	0.01	1.32E-03	37.21	631.73	0.02	9.79	21.29	7.91E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.73E-05						
8	ECO 8	679735.5	4861048.6		5.96	9.26E-03	9.26E-04	37.16	631.71	0.01	9.79	21.29	5.56E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.73E-05						
9	ECO 9	687219.7	4864249.3		5.94	3.41E-03	3.41E-04	37.08	631.68	5.51E-03	9.78	21.28	2.05E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.74E-05						
10	ECO 10	686519.0	4861987.6		5.94	4.97E-03	4.97E-04	37.10	631.69	6.92E-03	9.79	21.28	2.98E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.54E-05						
11	ECO 11	679870.4	4859737.9		5.93	2.56E-03	2.56E-04	37.07	631.68	4.39E-03	9.78	21.28	1.54E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.31E-05						
12	Recreational 4	681575.5	4860557.7		5.96	9.12E-03	9.12E-04	37.16	631.71	0.01	9.79	21.29	5.47E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.66E-05						
13	Future Industrial 9	680704.5	4859857.8		5.94	5.30E-03	5.30E-04	37.11	631.69	7.27E-03	9.79	21.28	3.18E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.71E-05						
14	Future Industrial 10	680608.0	4860719.6		5.94	4.60E-03	4.60E-04	37.10	631.69	6.88E-03	9.79	21.28	2.76E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.35E-05						
15	Harmony Creek	673992.4	4865641.4		5.93	1.90E-03	1.90E-04	37.06	631.67	3.77E-03	9.78	21.28	1.14E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.02E-04	9.72E-06						
16	Farewell Creek	678079.2	4868822.7		5.93	1.97E-03	1.97E-04	37.06	631.67	4.64E-03	9.78	21.28	1.18E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.02E-04	1.01E-05						
17	Farmer	681378.6	4860335.0		5.96	8.55E-03	8.55E-04	37.15	631.71	0.01	9.79	21.29	5.13E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.37E-05						
18	Watson Farm	682883.4	4864219.7		5.95	6.69E-03	6.69E-04	37.12	631.70	9.86E-03	9.79	21.28	4.02E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.42E-05						
19	Racanski Farm	678929.2	4865530.2		5.94	3.01E-03	3.01E-04	37.07	631.68	5.99E-03	9.79	21.28	1.80E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.54E-05						
20	Zoo	687216.8	4864835.3		5.94	3.45E-03	3.45E-04	37.08	631.68	5.89E-03	9.78	21.28	2.07E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.77E-05						
21	Cedar Crest Beach	686652.1	4861660.9		5.95	5.92E-03	5.92E-04	37.11	631.69	8.00E-03	9.79	21.28	3.55E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.03E-05						
22	Darlington Prov Park Beach	677844.6	4859718.2		5.94	4.63E-03	4.63E-04	37.10	631.69	7.37E-03	9.79	21.28	2.78E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.37E-05						
23	OPG 1	682258.1	4860045.0		5.96	8.57E-03	8.57E-04	37.15	631.71	0.01	9.79	21.29	5.14E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.38E-05						
24	OPG 2	682551.4	4859889.1		5.96	8.65E-03	8.65E-04	37.15	631.71	0.01	9.79	21.29	5.19E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.42E-05						
25	OPG 3	682824.6	4859759.3		5.96	8.80E-03	8.80E-04	37.15	631.71	0.01	9.79	21.29	5.28E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.50E-05						
26	OPG 4	683021.6	4859937.3		5.96	9.11E-03	9.11E-04	37.16	631.71	0.01	9.79	21.29	5.47E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.66E-05						
27	OPG 5	683318.2	4859677.8		5.95	7.80E-03	7.80E-04	37.14	631.70	9.64E-03	9.79	21.28	4.68E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.98E-05						
28	OPG 6	683306.9	4860023.0		5.96	8.98E-03	8.98E-04	37.15	631.71	0.01	9.79	21.29	5.39E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.59E-05						
29	OPG 7	683718.6	4859915.8		5.96	8.05E-03	8.05E-04	37.14	631.71	0.01	9.79	21.29	4.83E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.12E-05						
30	OPG 8	682702.0	4859998.6		5.96	8.85E-03	8.85E-04	37.15	631.71	0.01	9.79	21.29	5.31E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.52E-05						
31	OPG 9	684347.7	4861184.6		5.95	7.36E-03	7.36E-04	37.13	631.70	9.24E-03	9.79	21.28	4.42E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.76E-05						
32	OPG 10	682157.2	4861228.2		5.96	9.76E-03	9.76E-04	37.16	631.71	0.01	9.79	21.29	5.86E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	4.99E-05						
33	St. Mary's 1	684557.0	4861070.0		5.95	7.64E-03	7.64E-04	37.14	631.70	9.62E-03	9.79	21.28	4.59E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.91E-05						
34	St. Mary's 2	684657.3	4861320.8		5.95	6.70E-03	6.70E-04	37.12	631.70	8.57E-03	9.79	21.28	4.02E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.42E-05						
35	St. Mary's 3	684905.3	4861154.4		5.95	6.60E-03	6.60E-04	37.12	631.70	8.54E-03	9.79	21.28	3.96E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-									

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	and Furans (as TEQ Toxic Equivalent)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.45	0.37	0.04	5.00	1.86	0.37	0.37	0.37		0.22	2.02		2.48E-09	2.98E-06	1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03
54	Bow. Subdivision 9	684777.3	4863330.5		5.94	5.07E-03	5.07E-04	37.10	631.69	7.04E-03	9.79	21.28	3.04E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.59E-05
55	Bow. Subdivision 10	685266.0	4863243.1		5.94	4.86E-03	4.86E-04	37.10	631.69	6.43E-03	9.79	21.28	2.92E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.49E-05
56	Osh/Court Subdivision 1	677396.8	4860977.3		5.96	8.76E-03	8.76E-04	37.15	631.71	0.01	9.79	21.29	5.26E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.48E-05
57	Osh/Court Subdivision 2	676633.5	4860816.8		5.95	6.06E-03	6.06E-04	37.12	631.70	8.31E-03	9.79	21.28	3.63E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.10E-05
58	Osh/Court Subdivision 3	676916.0	4861925.0		5.94	5.33E-03	5.33E-04	37.11	631.69	8.22E-03	9.79	21.28	3.20E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.72E-05
59	Osh/Court Subdivision 4	676730.5	4861317.1		5.95	7.02E-03	7.02E-04	37.13	631.70	9.30E-03	9.79	21.28	4.21E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.59E-05
60	Osh/Court Subdivision 5	676087.2	4861392.3		5.95	5.86E-03	5.86E-04	37.11	631.69	8.07E-03	9.79	21.28	3.52E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.00E-05
61	Osh/Court Subdivision 6	676177.1	4861722.2		5.94	5.34E-03	5.34E-04	37.11	631.69	7.38E-03	9.79	21.28	3.20E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.73E-05
62	Osh/Court Subdivision 7	675670.7	4861783.2		5.94	4.83E-03	4.83E-04	37.10	631.69	6.90E-03	9.79	21.28	2.90E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.47E-05
63	Osh/Court Subdivision 8	676050.8	4862055.7		5.94	4.84E-03	4.84E-04	37.10	631.69	7.49E-03	9.79	21.28	2.90E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.47E-05
64	Osh/Court Subdivision 9	676636.9	4862134.3		5.94	4.96E-03	4.96E-04	37.10	631.69	7.75E-03	9.79	21.28	2.98E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.54E-05
65	Osh/Court Subdivision 10	676571.3	4861634.8		5.95	5.71E-03	5.71E-04	37.11	631.69	7.87E-03	9.79	21.28	3.43E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.92E-05
66	Bow. Subdivision 11	684649.2	4864854.3		5.94	5.34E-03	5.34E-04	37.11	631.69	7.00E-03	9.79	21.28	3.21E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.73E-05
67	Daycare B	685172.4	4863933.1		5.94	4.48E-03	4.48E-04	37.09	631.69	7.06E-03	9.79	21.28	2.69E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.29E-05
68	Daycare C	685452.0	4863104.4		5.94	4.78E-03	4.78E-04	37.10	631.69	6.23E-03	9.79	21.28	2.87E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.44E-05
69	Daycare D	685527.7	4864693.3		5.94	4.48E-03	4.48E-04	37.09	631.69	7.25E-03	9.79	21.28	2.69E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.29E-05
70	Daycare E	685735.4	4864790.8		5.94	4.36E-03	4.36E-04	37.09	631.69	7.11E-03	9.79	21.28	2.62E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.23E-05
71	Daycare F	685520.3	4864854.3		5.94	4.45E-03	4.45E-04	37.09	631.69	7.23E-03	9.79	21.28	2.67E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.27E-05
72	Daycare G	685441.9	4864878.0		5.94	4.45E-03	4.45E-04	37.09	631.69	7.25E-03	9.79	21.28	2.67E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.28E-05
73	Daycare H	686364.8	4864707.8		5.94	3.88E-03	3.88E-04	37.09	631.68	6.46E-03	9.79	21.28	2.33E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.98E-05
74	Daycare I	685721.6	4865127.3		5.94	4.25E-03	4.25E-04	37.09	631.69	7.04E-03	9.79	21.28	2.55E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.17E-05
75	Daycare J	678256.3	4863565.4		5.94	3.12E-03	3.12E-04	37.08	631.68	5.68E-03	9.78	21.28	1.87E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.60E-05
76	Daycare K	677694.1	4864043.7		5.93	2.65E-03	2.65E-04	37.07	631.68	5.35E-03	9.78	21.28	1.59E-03	0.01		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.36E-05
77	Daycare L	676479.5	4862526.2		5.94	4.10E-03	4.10E-04	37.09	631.69	6.78E-03	9.79	21.28	2.46E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.09E-05
78	Daycare M	678320.9	4864763.5		5.93	2.65E-03	2.65E-04	37.07	631.68	5.09E-03	9.78	21.28	1.59E-03	0.01		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.35E-05
79	Daycare N	678513.4	4865058.0		5.93	2.83E-03	2.83E-04	37.07	631.68	5.49E-03	9.78	21.28	1.70E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.45E-05
80	Daycare O	672788.7	4863936.6		5.93	2.13E-03	2.13E-04	37.06	631.68	4.61E-03	9.78	21.28	1.28E-03	0.01		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.09E-05
81	Daycare P	673952.8	4863592.5		5.93	2.36E-03	2.36E-04	37.07	631.68	4.89E-03	9.78	21.28	1.42E-03	0.01		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.21E-05
82	Daycare Q	671751.8	4864887.7		5.93	1.86E-03	1.86E-04	37.06	631.67	4.04E-03	9.78	21.28	1.11E-03	0.01		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.02E-04	9.49E-06
83	Daycare R	685714.4	4864667.4		5.94	4.42E-03	4.42E-04	37.09	631.69	7.17E-03	9.79	21.28	2.65E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.26E-05
84	Daycare S	684177.9	4863618.2		5.95	5.64E-03	5.64E-04	37.11	631.69	8.34E-03	9.79	21.28	3.38E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.88E-05
85	Daycare T	678423.6	4864480.4		5.93	2.78E-03	2.78E-04	37.07	631.68	5.23E-03	9.78	21.28	1.67E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.42E-05
86	Daycare U	685330.5	4863435.1		5.94	4.61E-03	4.61E-04	37.10	631.69	6.52E-03	9.79	21.28	2.76E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.35E-05
87	Daycare V	685153.2	4863236.9		5.94	4.94E-03	4.94E-04	37.10	631.69	6.56E-03	9.79	21.28	2.96E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.52E-05
88	Daycare W	672679.0	4862044.9		5.94	2.92E-03	2.92E-04	37.07	631.68	5.26E-03	9.78	21.28	1.75E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.49E-05
89	Daycare X	672076.5	4865285.8		5.93	1.89E-03	1.89E-04	37.06	631.67	3.86E-03	9.78	21.28	1.14E-03	0.01		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.02E-04	9.67E-06
90	Daycare Y	672638.0	4859664.4		5.93	2.27E-03	2.27E-04	37.06																		

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	and Furans (as TEQ Toxic Equivalent)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.45	0.37	0.04	5.00	1.86	0.37	0.37	0.37		0.22	2.02		2.48E-09	2.98E-06	1.66E-08	1.85E-05	1.64E-03	1.13E-04	1.73E-05	8.73E-05
107	Daycare PP	674794.5	4864915.4		5.93	2.18E-03	2.18E-04	37.06	631.68	4.18E-03	9.78	21.28	1.31E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.12E-05
108	Hospital	686324.2	4864395.8		5.94	3.91E-03	3.91E-04	37.09	631.68	6.42E-03	9.79	21.28	2.35E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.00E-05
109	Hospital (Children  s)	676057.8	4862180.9		5.94	4.81E-03	4.81E-04	37.10	631.69	7.44E-03	9.79	21.28	2.88E-03	0.03		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.46E-05
110	Hospital	671233.2	4863615.9		5.93	2.43E-03	2.43E-04	37.07	631.68	4.78E-03	9.78	21.28	1.46E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.24E-05
111	Comm. Resp. Services	676045.4	4863902.5		5.93	2.63E-03	2.63E-04	37.07	631.68	5.12E-03	9.78	21.28	1.58E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.34E-05
112	Hospital	671712.7	4862364.1		5.93	2.68E-03	2.68E-04	37.07	631.68	5.06E-03	9.78	21.28	1.61E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.37E-05
113	Retirement Residence A	684199.9	4864120.3		5.94	5.25E-03	5.25E-04	37.10	631.69	8.08E-03	9.79	21.28	3.15E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.68E-05
114	Retirement Residence B	685483.9	4865150.9		5.94	4.31E-03	4.31E-04	37.09	631.69	7.13E-03	9.79	21.28	2.58E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.20E-05
115	Retirement Residence C	686844.0	4864732.1		5.94	3.66E-03	3.66E-04	37.08	631.68	6.16E-03	9.79	21.28	2.20E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.87E-05
116	Retirement Residence D	673481.7	4863343.4		5.93	2.43E-03	2.43E-04	37.07	631.68	5.02E-03	9.78	21.28	1.46E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.24E-05
117	Retirement Residence E	671825.2	4864399.0		5.93	1.93E-03	1.93E-04	37.06	631.67	4.29E-03	9.78	21.28	1.16E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.02E-04	9.86E-06
118	Retirement Residence F	671606.3	4864536.0		5.93	1.90E-03	1.90E-04	37.06	631.67	4.22E-03	9.78	21.28	1.14E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.02E-04	9.73E-06
119	Retirement Residence G	671357.1	4862958.7		5.93	2.66E-03	2.66E-04	37.07	631.68	4.95E-03	9.78	21.28	1.60E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.36E-05
120	Retirement Residence H	671514.0	4862262.9		5.93	2.59E-03	2.59E-04	37.07	631.68	5.04E-03	9.78	21.28	1.55E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.32E-05
121	Retirement Residence I	672602.2	4863075.9		5.93	2.69E-03	2.69E-04	37.07	631.68	5.08E-03	9.78	21.28	1.61E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.37E-05
122	Retirement Residence J	671719.1	4862893.1		5.93	2.72E-03	2.72E-04	37.07	631.68	4.99E-03	9.78	21.28	1.63E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.39E-05
123	Retirement Residence K	686718.0	4865648.7		5.94	3.71E-03	3.71E-04	37.08	631.68	6.40E-03	9.79	21.28	2.22E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.89E-05
124	Retirement Residence L	676168.7	4865669.9		5.93	2.01E-03	2.01E-04	37.06	631.67	4.50E-03	9.78	21.28	1.21E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.03E-05
125	Retirement Residence M	676118.5	4863980.7		5.93	2.53E-03	2.53E-04	37.07	631.68	5.11E-03	9.78	21.28	1.52E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.29E-05
126	Bow. Subdivision 12	684649.2	4863182.7		5.94	5.34E-03	5.34E-04	37.11	631.69	7.00E-03	9.79	21.28	3.21E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.73E-05
127	Primary School B	685384.8	4863575.3		5.94	4.44E-03	4.44E-04	37.09	631.69	6.56E-03	9.79	21.28	2.67E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.27E-05
128	Primary School C	685021.6	4863952.9		5.94	4.67E-03	4.67E-04	37.10	631.69	7.30E-03	9.79	21.28	2.80E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.39E-05
129	Primary School D	686237.0	4864085.5		5.94	3.83E-03	3.83E-04	37.09	631.68	6.19E-03	9.79	21.28	2.30E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.96E-05
130	Primary School E	686719.0	4863734.7		5.94	3.80E-03	3.80E-04	37.08	631.68	5.43E-03	9.78	21.28	2.28E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.94E-05
131	Primary School F	686357.0	4864754.9		5.94	3.87E-03	3.87E-04	37.09	631.68	6.46E-03	9.79	21.28	2.32E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.98E-05
132	Primary School G	685502.0	4865013.4		5.94	4.38E-03	4.38E-04	37.09	631.69	7.19E-03	9.79	21.28	2.63E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.24E-05
133	Primary School H	686726.7	4866061.5		5.94	3.61E-03	3.61E-04	37.08	631.68	6.33E-03	9.79	21.28	2.17E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.85E-05
134	Primary School I	685186.2	4866568.2		5.94	3.88E-03	3.88E-04	37.09	631.68	6.94E-03	9.79	21.28	2.33E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.98E-05
135	Primary School J	685965.3	4866979.0		5.94	3.43E-03	3.43E-04	37.08	631.68	6.31E-03	9.79	21.28	2.06E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.75E-05
136	Primary School K	677709.9	4864726.5		5.93	2.26E-03	2.26E-04	37.06	631.68	4.84E-03	9.78	21.28	1.35E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.15E-05
137	Primary School L	675988.3	4864270.2		5.93	2.40E-03	2.40E-04	37.07	631.68	4.94E-03	9.78	21.28	1.44E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.23E-05
138	Primary School M	676608.7	4862739.0		5.94	3.65E-03	3.65E-04	37.08	631.68	6.39E-03	9.79	21.28	2.19E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.86E-05
139	Primary School N	677222.2	4863759.1		5.93	2.77E-03	2.77E-04	37.07	631.68	5.65E-03	9.78	21.28	1.66E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.41E-05
140	Primary School O	678154.9	4863872.7		5.93	2.74E-03	2.74E-04	37.07	631.68	5.30E-03	9.78	21.28	1.64E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.40E-05
141	Court. Subdivision 12	678309.6	4863600.8		5.94	3.08E-03	3.08E-04	37.08	631.68	5.60E-03	9.78	21.28	1.85E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.57E-05
142	Primary School Q	677010.6	4862470.6		5.94	4.31E-03	4.31E-04	37.09	631.69	7.27E-03	9.79	21.28	2.58E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.20E-05
143	Primary School R	677431.3	4866694.7		5.93	2.12E-03	2.12E-04	37.06	631.68	4.51E-03	9.78	21.28	1.27E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.09E-05
144	Primary School S	675266.2	4863562.9		5.94	2.86E-03	2.86E-04	37.07	631.68	5.13E-03	9.78	21.28	1.72E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.46E-05
145	Primary School T	673479.2	4860029.4		5.93	2.26E-03	2.26E-04	37.06	631.68	4.80E-03	9.78	21.28	1.35E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.15E-05
146	Primary School U	670856.0	4860710.6		5.93	2.06E-03	2.06E-04	37.06	631.68	4.76E-03	9.78	21.28	1.24E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E				



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	and Furans (as TEQ Toxic Equivalent)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)						
					Updated Facility Contaminant Emission Rate (g/s)																											
					Background Concentration (ug/m3)																											
		(m)	(m)		1.45	0.37	0.04	5.00	1.86	0.37	0.37	0.37	0.22	2.02		2.48E-09	2.98E-06		1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03	2.89E-04	1.90E-03						
					5.92			37.03	632		9.78	21.28				1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04							
160	Primary School II	672616.7	4862114.9		5.94	2.95E-03	2.95E-04	37.07	631.68	5.27E-03	9.78	21.28	1.77E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.51E-05						
161	Primary School JJ	673567.2	4861899.5		5.94	3.23E-03	3.23E-04	37.08	631.68	5.36E-03	9.78	21.28	1.94E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.65E-05						
162	Primary School KK	671791.0	4861954.2		5.93	2.53E-03	2.53E-04	37.07	631.68	5.10E-03	9.78	21.28	1.52E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.29E-05						
163	Primary School LL	673762.3	4864210.6		5.93	2.22E-03	2.22E-04	37.06	631.68	4.45E-03	9.78	21.28	1.33E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.13E-05						
164	Primary School MM	672238.8	4864621.3		5.93	1.92E-03	1.92E-04	37.06	631.67	4.18E-03	9.78	21.28	1.15E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.02E-04	9.81E-06						
165	Primary School NN	673213.6	4858677.0		5.93	2.33E-03	2.33E-04	37.07	631.68	4.43E-03	9.78	21.28	1.40E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.19E-05						
166	Primary School OO	675474.8	4863221.7		5.94	3.05E-03	3.05E-04	37.07	631.68	5.50E-03	9.78	21.28	1.83E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.56E-05						
167	Primary School PP	672441.8	4858748.6		5.93	2.24E-03	2.24E-04	37.06	631.68	4.48E-03	9.78	21.28	1.35E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.15E-05						
168	Primary School QQ	672796.8	4864438.2		5.93	1.99E-03	1.99E-04	37.06	631.67	4.28E-03	9.78	21.28	1.20E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.02E-04	1.02E-05						
169	Primary School RR	671351.4	4863284.0		5.93	2.57E-03	2.57E-04	37.07	631.68	4.88E-03	9.78	21.28	1.54E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.31E-05						
170	Primary School SS	673213.9	4862125.5		5.94	3.14E-03	3.14E-04	37.08	631.68	5.30E-03	9.78	21.28	1.88E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.60E-05						
171	Primary School TT	671017.9	4860953.7		5.93	2.02E-03	2.02E-04	37.06	631.67	4.75E-03	9.78	21.28	1.21E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.03E-05						
172	Primary School UU	670991.0	4861089.8		5.93	1.98E-03	1.98E-04	37.06	631.67	4.72E-03	9.78	21.28	1.19E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.02E-04	1.01E-05						
173	Primary School VV	674150.1	4862294.8		5.94	3.53E-03	3.53E-04	37.08	631.68	5.60E-03	9.78	21.28	2.12E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.80E-05						
174	Primary School WW	672005.2	4861707.9		5.93	2.45E-03	2.45E-04	37.07	631.68	5.11E-03	9.78	21.28	1.47E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.25E-05						
175	Primary School XX	684172.1	4863615.6		5.95	5.65E-03	5.65E-04	37.11	631.69	8.36E-03	9.79	21.28	3.39E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.89E-05						
176	Primary School YY	683923.3	4866636.4		5.94	4.14E-03	4.14E-04	37.09	631.69	7.33E-03	9.79	21.28	2.48E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.12E-05						
177	Primary School ZZ	680446.0	4865770.5		5.94	3.10E-03	3.10E-04	37.08	631.68	6.27E-03	9.79	21.28	1.86E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.58E-05						
178	Vacant School	685612.9	4864520.0		5.94	4.37E-03	4.37E-04	37.09	631.69	7.07E-03	9.79	21.28	2.62E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.23E-05						
179	Secondary School A	686291.4	4865064.3		5.94	3.88E-03	3.88E-04	37.09	631.68	6.53E-03	9.79	21.28	2.33E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.98E-05						
180	Secondary School B	683875.0	4864741.7		5.94	5.33E-03	5.33E-04	37.11	631.69	8.46E-03	9.79	21.28	3.20E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.72E-05						
181	Secondary School C	684650.3	4866460.3		5.94	4.02E-03	4.02E-04	37.09	631.68	7.18E-03	9.79	21.28	2.41E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.05E-05						
182	Secondary School D	678099.5	4864838.2		5.93	2.49E-03	2.49E-04	37.07	631.68	4.88E-03	9.78	21.28	1.49E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.27E-05						
183	Secondary School E	678467.0	4863431.2		5.94	3.27E-03	3.27E-04	37.08	631.68	5.89E-03	9.78	21.28	1.96E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.67E-05						
184	Secondary School F	674144.9	4862762.7		5.94	2.94E-03	2.94E-04	37.07	631.68	5.44E-03	9.78	21.28	1.76E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.50E-05						
185	Secondary School G	673816.0	4864357.1		5.93	2.21E-03	2.21E-04	37.06	631.68	4.35E-03	9.78	21.28	1.33E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.13E-05						
186	Secondary School H	673145.4	4858569.0		5.93	2.26E-03	2.26E-04	37.06	631.68	4.33E-03	9.78	21.28	1.35E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.15E-05						
187	Secondary School I	671291.7	4863581.3		5.93	2.48E-03	2.48E-04	37.07	631.68	4.83E-03	9.78	21.28	1.49E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.27E-05						
188	Secondary School J	671443.2	4861664.9		5.93	2.15E-03	2.15E-04	37.06	631.68	4.89E-03	9.78	21.28	1.29E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.10E-05						
189	Secondary School K	673235.3	4860885.0		5.93	2.32E-03	2.32E-04	37.06	631.68	5.07E-03	9.78	21.28	1.39E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.18E-05						
190	Secondary School L	684252.7	4866500.5		5.94	4.15E-03	4.15E-04	37.09	631.69	7.36E-03	9.79	21.28	2.49E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.12E-05						
191	Secondary School M	673914.1	4859511.7		5.94	2.92E-03	2.92E-04	37.07	631.68	5.36E-03	9.78	21.28	1.75E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.49E-05						
192	Secondary School N	675051.5	4864177.2		5.93	2.56E-03	2.56E-04	37.07	631.68	4.61E-03	9.78	21.28	1.53E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.31E-05						
193	Adult School	685276.1	4866019.8		5.94	3.81E-03	3.81E-04	37.09	631.68	6.72E-03	9.79	21.28	2.29E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.95E-05						
194	Bow. Valley Cons. 1	685356.6	4864521.2		5.94	4.36E-03	4.36E-04	37.09	631.69	7.06E-03	9.79	21.28	2.62E-03	0.02		1.67E-08	1.85E-0															

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	and Furans (as TEQ Toxic Equivalent)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)						
					Updated Facility Contaminant Emission Rate (g/s)																											
					Background Concentration (ug/m3)																											
		(m)	(m)		1.45	0.37	0.04	5.00	1.86	0.37	0.37	0.37	0.22	2.02		2.48E-09	2.98E-06		1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03	2.89E-04	1.90E-03						
					5.92			37.03	632		9.78	21.28			1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04								
213	Port Darlington 5	686406.8	4861448.7		5.95	6.04E-03	6.04E-04	37.11	631.70	8.12E-03	9.79	21.28	3.62E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.09E-05						
214	Port Darlington 6	686504.5	4861604.0		5.95	5.98E-03	5.98E-04	37.11	631.69	8.06E-03	9.79	21.28	3.59E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.06E-05						
215	Port Darlington 7	686703.0	4861789.3		5.95	5.60E-03	5.60E-04	37.11	631.69	7.64E-03	9.79	21.28	3.36E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.86E-05						
216	Port Darlington 8	686895.8	4861960.2		5.94	5.11E-03	5.11E-04	37.10	631.69	7.11E-03	9.79	21.28	3.06E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.61E-05						
217	Port Darlington 9	686867.4	4862119.7		5.94	4.69E-03	4.69E-04	37.10	631.69	6.64E-03	9.79	21.28	2.81E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.40E-05						
218	Port Darlington 10	687190.7	4862048.8		5.94	4.68E-03	4.68E-04	37.10	631.69	6.64E-03	9.79	21.28	2.81E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.39E-05						
219	Port Darlington 11	687524.4	4862126.8		5.94	4.51E-03	4.51E-04	37.09	631.69	6.47E-03	9.79	21.28	2.70E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.30E-05						
220	Campground 1	678646.3	4860337.7		5.97	0.01	1.08E-03	37.18	631.72	0.01	9.79	21.29	6.46E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.50E-05						
221	Campground 2	678410.2	4860148.6		5.95	7.61E-03	7.61E-04	37.14	631.70	9.45E-03	9.79	21.28	4.57E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.89E-05						
222	Campground 3	678651.0	4860054.4		5.95	7.00E-03	7.00E-04	37.13	631.70	9.16E-03	9.79	21.28	4.20E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.58E-05						
223	Campground 4	678725.9	4859860.7		5.95	6.58E-03	6.58E-04	37.12	631.70	9.48E-03	9.79	21.28	3.95E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.36E-05						
224	Campground 5	678511.1	4859808.6		5.95	5.84E-03	5.84E-04	37.11	631.69	8.72E-03	9.79	21.28	3.50E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.98E-05						
225	Campground 6	678869.5	4859696.0		5.95	5.76E-03	5.76E-04	37.11	631.69	8.40E-03	9.79	21.28	3.45E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.94E-05						
226	Campground 7	678723.9	4860201.8		5.96	8.93E-03	8.93E-04	37.15	631.71	0.01	9.79	21.29	5.36E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.56E-05						
227	Campground 8	678796.0	4860011.4		5.95	6.91E-03	6.91E-04	37.13	631.70	9.60E-03	9.79	21.28	4.14E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.53E-05						
228	Campground 9	678852.7	4859854.2		5.95	6.73E-03	6.73E-04	37.12	631.70	9.57E-03	9.79	21.28	4.04E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.44E-05						
229	Solina 1	681099.6	4861677.2		5.97	0.01	1.06E-03	37.18	631.72	0.01	9.79	21.29	6.36E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.42E-05						
230	Solina 2	681115.7	4861857.7		5.96	0.01	1.04E-03	37.17	631.72	0.01	9.79	21.29	6.23E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.31E-05						
231	Solina 3	680987.4	4861983.5		5.96	8.51E-03	8.51E-04	37.15	631.71	0.01	9.79	21.29	5.11E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.35E-05						
232	Solina 4	680965.0	4862068.1		5.96	8.12E-03	8.12E-04	37.14	631.71	0.01	9.79	21.29	4.87E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.15E-05						
233	Solina 5	681021.5	4862086.7		5.96	8.35E-03	8.35E-04	37.15	631.71	0.01	9.79	21.29	5.01E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.27E-05						
234	Solina 6	680939.8	4862124.3		5.95	7.87E-03	7.87E-04	37.14	631.70	0.01	9.79	21.29	4.72E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.02E-05						
235	Solina 7	680988.2	4862183.6		5.95	7.94E-03	7.94E-04	37.14	631.70	0.01	9.79	21.29	4.77E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.06E-05						
236	Solina 8	680984.6	4862209.8		5.95	7.85E-03	7.85E-04	37.14	631.70	0.01	9.79	21.29	4.71E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.01E-05						
237	Solina 9	680958.6	4862294.9		5.95	7.61E-03	7.61E-04	37.14	631.70	0.01	9.79	21.29	4.57E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.89E-05						
238	Solina 10	680858.0	4862324.3		5.95	7.34E-03	7.34E-04	37.13	631.70	0.01	9.79	21.29	4.41E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.75E-05						
239	Solina 11	680990.3	4862403.5		5.95	7.50E-03	7.50E-04	37.13	631.70	0.01	9.79	21.29	4.50E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.83E-05						
240	Recreational 1	681545.0	4860865.0		5.96	8.26E-03	8.26E-04	37.14	631.71	0.01	9.79	21.29	4.95E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.22E-05						
241	Recreational 2	681563.7	4860687.4		5.96	8.41E-03	8.41E-04	37.15	631.71	0.01	9.79	21.29	5.05E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.30E-05						
242	Recreational 3	681579.7	4860610.0		5.96	8.85E-03	8.85E-04	37.15	631.71	0.01	9.79	21.29	5.31E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.52E-05						
243	Recreational 6	681876.6	4860254.4		5.96	9.46E-03	9.46E-04	37.16	631.71	0.01	9.79	21.29	5.68E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.84E-05						
244	Recreational 7	682166.9	4860324.4		5.96	9.94E-03	9.94E-04	37.17	631.71	0.01	9.79	21.29	5.97E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.08E-05						
245	Darlington 1	679565.4	4861052.9		5.96	9.16E-03	9.16E-04	37.16	631.71	0.01	9.79	21.29	5.49E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.68E-05						
246	Darlington 2	679452.9	4861051.4		5.96	9.17E-03	9.17E-04	37.16	631.71	0.01	9.79	21.29	5.50E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.69E-05						
247	Darlington 3	679130.5	4860948.8		5.97	0.01	1.06E-03	37.18	631.72	0.01	9.79	21.29	6.39E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E									

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	and Furans (as TEQ Toxic Equivalent)	Polychlorinated Biphenyls (PCB)	Metals									
																		Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)		
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)																							
				Background Concentration (ug/m3)																							
266	Future Industrial 8	680398.0	4860731.8		5.94	3.91E-03	3.91E-04	37.09	631.68	6.11E-03	9.79	21.28	2.35E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.00E-05	
267	Future Industrial 1	680359.6	4859959.2		5.93	2.62E-03	2.62E-04	37.07	631.68	4.70E-03	9.78	21.28	1.57E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.34E-05	
268	Future Industrial 2	680083.7	4859985.7		5.93	2.75E-03	2.75E-04	37.07	631.68	4.48E-03	9.78	21.28	1.65E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.40E-05	
269	Future Industrial 3	680819.9	4860705.3		5.94	4.69E-03	4.69E-04	37.10	631.69	6.98E-03	9.79	21.28	2.82E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.40E-05	
270	Future Industrial 4	681070.0	4859937.2		5.97	0.01	1.12E-03	37.18	631.72	0.01	9.79	21.29	6.71E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.72E-05	
271	Future Industrial 5	679988.8	4860067.4		5.94	3.41E-03	3.41E-04	37.08	631.68	5.70E-03	9.78	21.28	2.04E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.74E-05	
272	Future Industrial 6	680134.8	4860694.1		5.94	4.70E-03	4.70E-04	37.10	631.69	7.00E-03	9.79	21.28	2.82E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.40E-05	
273	Future Industrial 11	680253.7	4860255.2		5.94	3.13E-03	3.13E-04	37.08	631.68	4.93E-03	9.78	21.28	1.88E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.60E-05	
274	Future Industrial 12	679901.2	4860511.8		5.95	6.65E-03	6.65E-04	37.12	631.70	8.24E-03	9.79	21.28	3.99E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.40E-05	
275	Commercial Farmer	679867.8	4860445.4		5.95	7.10E-03	7.10E-04	37.13	631.70	8.38E-03	9.79	21.28	4.26E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.63E-05	
276	Farmer	679277.0	4859981.5		5.95	6.07E-03	6.07E-04	37.12	631.70	8.77E-03	9.79	21.28	3.64E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.10E-05	
277	Residence	679387.2	4860648.9		5.97	0.01	1.17E-03	37.19	631.72	0.01	9.79	21.29	7.00E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.96E-05	
278	Barn	679261.9	4860574.2		5.97	0.01	1.25E-03	37.20	631.73	0.01	9.79	21.29	7.49E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.38E-05	
279	Residence	680150.7	4861295.7		5.95	7.24E-03	7.24E-04	37.13	631.70	9.90E-03	9.79	21.29	4.35E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.70E-05	
280	Residence	679939.8	4861213.4		5.95	7.96E-03	7.96E-04	37.14	631.70	0.01	9.79	21.29	4.77E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.07E-05	
281	Farmer	680855.7	4861456.9		5.96	8.74E-03	8.74E-04	37.15	631.71	0.01	9.79	21.29	5.24E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.47E-05	
282	Farmer	681386.2	4861673.3		5.97	0.01	1.31E-03	37.21	631.73	0.02	9.79	21.29	7.88E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.71E-05	
283	Residence	680683.5	4861597.9		5.95	7.79E-03	7.79E-04	37.14	631.70	0.01	9.79	21.29	4.67E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.98E-05	
284	Business	680064.3	4861343.7		5.95	7.39E-03	7.39E-04	37.13	631.70	0.01	9.79	21.29	4.44E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.78E-05	
285	Farmer	679680.1	4861213.5		5.96	8.87E-03	8.87E-04	37.15	631.71	0.01	9.79	21.29	5.32E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.53E-05	
286	Farmer	681344.8	4861792.9		5.97	0.01	1.25E-03	37.20	631.73	0.01	9.79	21.29	7.52E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.41E-05	
287	Youth Centre	685644.2	4864814.8		5.94	4.41E-03	4.41E-04	37.09	631.69	7.18E-03	9.79	21.28	2.65E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.26E-05	
288	Bowmanville Arena	685462.9	4864615.2		5.94	4.47E-03	4.47E-04	37.09	631.69	7.21E-03	9.79	21.28	2.68E-03	0.02		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.28E-05	
289	Bowmanville Rec Complex	684160.3	4864604.5		5.94	5.00E-03	5.00E-04	37.10	631.69	7.99E-03	9.79	21.28	3.00E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.55E-05	
290	Recreation Complex	684586.6	4862406.3		5.95	5.45E-03	5.45E-04	37.11	631.69	7.06E-03	9.79	21.28	3.27E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.79E-05	
291	Superdog Central	681487.7	4865723.3		5.94	3.15E-03	3.15E-04	37.08	631.68	6.13E-03	9.79	21.28	1.89E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.61E-05	
292	Equestrian Centre	681567.1	4863670.7		5.94	5.40E-03	5.40E-04	37.11	631.69	8.34E-03	9.79	21.28	3.24E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.76E-05	
293	Flea Market	678574.6	4862819.4		5.94	3.97E-03	3.97E-04	37.09	631.68	6.57E-03	9.79	21.28	2.38E-03	0.02		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	2.03E-05	
294	Equestrian Centre	680030.8	4867320.2		5.93	2.27E-03	2.27E-04	37.06	631.68	5.28E-03	9.78	21.28	1.36E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.16E-05	
295	Courtice Community Complex	678099.3	4864629.8		5.93	2.51E-03	2.51E-04	37.07	631.68	4.92E-03	9.78	21.28	1.51E-03	0.01		1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.28E-05	
296	Former Restaurant	679830.2	4860702.2		5.95	7.04E-03	7.04E-04	37.13	631.70	9.49E-03	9.79	21.28	4.22E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.60E-05	
297	Commercial	679364.8	4861016.0		5.96	9.44E-03	9.44E-04	37.16	631.71	0.01	9.79	21.29	5.67E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.83E-05	
298	GM Oshawa Headquarters	676418.3	4860463.7		5.94	5.22E-03	5.22E-04	37.10	631.69	7.37E-03	9.79	21.28	3.13E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.67E-05	
299	Farm A?	682972.3	4862201.9		5.96	8.36E-03	8.36E-04	37.15	631.71	0.01	9.79	21.29	5.02E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.27E-05	
300	Farm B?	683546.9	4861959.7		5.95	7.43E-03	7.43E-04	37.13	631.70	9.02E-03	9.79	21.28	4.46E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.80E-05	
301	Farm C?	682547.5	4862321.1		5.96	9.97E-03	9.97E-04	37.17	631.71	0.01	9.79	21.29	5.98E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.10E-05	
302	Farm D?	683238.3	4862393.3		5.95	7.53E-03	7.53E-04	37.13	631.70	9.89E-03	9.79	21.29	4.52E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.85E-05	
303	Farm E?	682512.6	4862858.0		5.96	9.46E-03	9.46E-04	37.16	631.71	0.01	9.79	21.29	5.68E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.84E-05	
304	Farm F?	683129.1	4863649.4		5.95	7.08E-03	7.08E-04	37.13	631.70	0.01	9.79	21.29	4.25E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.62E-05	
305	Bennett 1	688209.3	4862512.1		5.94	3.82E-03	3.82E-04	37.09	631.68	5.72E-03	9.78	21.28	2.29E-03	0.02		1.67E-08	1.85E-05		0.11	2.9							





Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	and Furans (as TEQ Toxic Equivalent)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.45	0.37	0.04	5.00	1.86	0.37	0.37	0.37	0.22	2.02		2.48E-09	2.98E-06		1.64E-03	1.13E-04	1.73E-05	8.73E-05	1.38E-05	6.32E-03	2.89E-04	1.90E-03
					Background Concentration (ug/m3)	5.92		37.03	632		9.78	21.28			1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04		
372	Westside 1	686082.6	4862776.6		5.94	3.89E-03	3.89E-04	37.09	631.68	5.75E-03	9.78	21.28	2.33E-03	0.02	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.99E-05	
373	Westside 2	685778.7	4862137.9		5.94	4.81E-03	4.81E-04	37.10	631.69	6.71E-03	9.79	21.28	2.88E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.46E-05	
374	Westside 3	685084.2	4862827.4		5.94	5.04E-03	5.04E-04	37.10	631.69	6.53E-03	9.79	21.28	3.03E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.58E-05	
375	Darlington 1	680977.5	4865674.4		5.94	3.38E-03	3.38E-04	37.08	631.68	6.49E-03	9.79	21.28	2.03E-03	0.02	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.73E-05	
376	Darlington 2	680913.9	4863967.1		5.94	4.77E-03	4.77E-04	37.10	631.69	7.89E-03	9.79	21.28	2.86E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.44E-05	
377	Darlington 3	682602.8	4863659.6		5.95	7.96E-03	7.96E-04	37.14	631.70	0.01	9.79	21.29	4.78E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.07E-05	
378	Darlington 4	682206.4	4862910.4		5.96	9.88E-03	9.88E-04	37.17	631.71	0.01	9.79	21.29	5.93E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.05E-05	
379	Darlington 5	683223.2	4861114.0		5.97	0.01	1.06E-03	37.18	631.72	0.01	9.79	21.29	6.38E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.43E-05	
380	Darlington 6	683947.7	4862362.0		5.95	6.98E-03	6.98E-04	37.13	631.70	8.58E-03	9.79	21.28	4.19E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.57E-05	
381	Darlington 7	685361.9	4861143.4		5.95	6.03E-03	6.03E-04	37.11	631.69	7.99E-03	9.79	21.28	3.62E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.08E-05	
382	Bennett ECO/HH	688606.4	4862634.8		5.94	3.48E-03	3.48E-04	37.08	631.68	5.34E-03	9.78	21.28	2.09E-03	0.02	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.78E-05	
383	Oshawa ECO/HH	673884.9	4859128.9		5.94	3.15E-03	3.15E-04	37.08	631.68	5.45E-03	9.78	21.28	1.89E-03	0.02	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.61E-05	
384	Oshawa Creek 1	671671.2	4862793.7		5.93	2.72E-03	2.72E-04	37.07	631.68	5.01E-03	9.78	21.28	1.63E-03	0.01	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.39E-05	
385	Oshawa Creek 2	671668.5	4861589.5		5.93	2.18E-03	2.18E-04	37.06	631.68	4.93E-03	9.78	21.28	1.31E-03	0.01	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.11E-05	
386	Oshawa Creek 3	672820.2	4861287.2		5.93	2.39E-03	2.39E-04	37.07	631.68	5.13E-03	9.78	21.28	1.44E-03	0.01	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.22E-05	
387	Oshawa Creek 4	672360.3	4860262.6		5.93	2.14E-03	2.14E-04	37.06	631.68	4.75E-03	9.78	21.28	1.29E-03	0.01	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.09E-05	
388	Oshawa Creek 5	673921.2	4860115.0		5.93	2.34E-03	2.34E-04	37.07	631.68	4.74E-03	9.78	21.28	1.40E-03	0.01	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.20E-05	
389	Oshawa Creek 6	673154.0	4859421.9		5.93	2.67E-03	2.67E-04	37.07	631.68	5.11E-03	9.78	21.28	1.60E-03	0.01	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.03E-04	1.37E-05	
390	Farmer	677409.8	4861051.4		5.96	8.69E-03	8.69E-04	37.15	631.71	0.01	9.79	21.29	5.22E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.44E-05	
391	Commercial Market	688276.3	4864698.5		5.94	3.31E-03	3.31E-04	37.08	631.68	5.26E-03	9.78	21.28	1.99E-03	0.02	1.67E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.04E-04	1.69E-05	



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Chromium (hexavalent)	Chromium (and compounds)	Cobalt	Lead (Pb)	(Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	(As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05		8.24E-03	0.02	8.45E-05	2.13E-06	2.13E-06	7.18E-06	2.16E-06	4.25E-06
		(m)	(m)			1.71E-03	5.96E-04	3.29E-03		2.24E-03	0.05	3.43E-04	2.93E-03		2.93E-03	7.70E-04	0.03	0.11		4.66E-03		0.02				4.10E-04	5.27E-05
1	Campground 10	678526.8	4859996.8		2.23E-07	1.71E-03	6.00E-04	3.32E-03	1.05E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.72E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.59E-08	0.02	1.21E-07	3.65E-08	7.19E-08	4.10E-04	5.28E-05
2	ECO 2	675490.4	4860360.1		1.36E-07	1.71E-03	5.98E-04	3.31E-03	6.39E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.66E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.19E-08	0.02	7.41E-08	2.23E-08	4.39E-08	4.10E-04	5.27E-05
3	Recreational 5	681642.0	4860349.3		3.41E-07	1.71E-03	6.02E-04	3.34E-03	1.60E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.16E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.49E-08	0.02	1.85E-07	5.58E-08	1.10E-07	4.10E-04	5.28E-05
4	ECO 4	676831.5	4859840.9		1.89E-07	1.71E-03	5.99E-04	3.32E-03	8.88E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.31E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.05E-08	0.02	1.03E-07	3.10E-08	6.10E-08	4.10E-04	5.28E-05
5	Bow. Valley Cons. 3	685767.2	4863879.0		1.44E-07	1.71E-03	5.98E-04	3.31E-03	6.74E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.75E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.31E-08	0.02	7.81E-08	2.35E-08	4.63E-08	4.10E-04	5.27E-05
6	ECO 6	679647.8	4859989.3		1.56E-07	1.71E-03	5.98E-04	3.31E-03	7.29E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.90E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.50E-08	0.02	8.45E-08	2.54E-08	5.01E-08	4.10E-04	5.28E-05
7	ECO 7	681578.8	4862070.1		4.68E-07	1.71E-03	6.04E-04	3.36E-03	2.20E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.71E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.54E-08	0.02	2.54E-07	7.66E-08	1.51E-07	4.11E-04	5.28E-05
8	ECO 8	679735.5	4861048.6		3.29E-07	1.71E-03	6.02E-04	3.34E-03	1.54E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.01E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.30E-08	0.02	1.79E-07	5.38E-08	1.06E-07	4.10E-04	5.28E-05
9	ECO 9	687219.7	4864249.3		1.21E-07	1.71E-03	5.98E-04	3.31E-03	5.69E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.48E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.95E-08	0.02	6.59E-08	1.98E-08	3.90E-08	4.10E-04	5.27E-05
10	ECO 10	686519.0	4861987.6		1.77E-07	1.71E-03	5.99E-04	3.32E-03	8.28E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.15E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.84E-08	0.02	9.60E-08	2.89E-08	5.69E-08	4.10E-04	5.28E-05
11	ECO 11	679870.4	4859737.9		9.12E-08	1.71E-03	5.97E-04	3.30E-03	4.27E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.11E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.47E-08	0.02	4.95E-08	1.49E-08	2.93E-08	4.10E-04	5.27E-05
12	Recreational 4	681575.5	4860557.7		3.24E-07	1.71E-03	6.02E-04	3.34E-03	1.52E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.95E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.22E-08	0.02	1.76E-07	5.30E-08	1.04E-07	4.10E-04	5.28E-05
13	Future Industrial 9	680704.5	4859857.8		1.88E-07	1.71E-03	5.99E-04	3.32E-03	8.83E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.30E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.03E-08	0.02	1.02E-07	3.08E-08	6.07E-08	4.10E-04	5.28E-05
14	Future Industrial 10	680608.0	4860719.6		1.64E-07	1.71E-03	5.99E-04	3.31E-03	7.67E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.00E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.63E-08	0.02	8.89E-08	2.68E-08	5.27E-08	4.10E-04	5.28E-05
15	Harmony Creek	673992.4	4865641.4		6.76E-08	1.71E-03	5.97E-04	3.30E-03	3.17E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.24E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.09E-08	0.02	3.67E-08	1.11E-08	2.18E-08	4.10E-04	5.27E-05
16	Farewell Creek	678079.2	4868822.7		6.99E-08	1.71E-03	5.97E-04	3.30E-03	3.28E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.52E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.13E-08	0.02	3.80E-08	1.14E-08	2.25E-08	4.10E-04	5.27E-05
17	Farmer	681378.6	4860335.0		3.04E-07	1.71E-03	6.01E-04	3.34E-03	1.42E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.70E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.89E-08	0.02	1.65E-07	4.97E-08	9.78E-08	4.10E-04	5.28E-05
18	Watson Farm	682883.4	4864219.7		2.38E-07	1.71E-03	6.00E-04	3.33E-03	1.12E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.90E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.83E-08	0.02	1.29E-07	3.89E-08	7.66E-08	4.10E-04	5.28E-05
19	Racanski Farm	678929.2	4865530.2		1.07E-07	1.71E-03	5.98E-04	3.31E-03	5.01E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.30E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.72E-08	0.02	5.81E-08	1.75E-08	3.44E-08	4.10E-04	5.27E-05
20	Zoo	687216.8	4864835.3		1.23E-07	1.71E-03	5.98E-04	3.31E-03	5.76E-06	2.27E-03	0.05	3.45E-04	2.93E-03	1.50E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.98E-08	0.02	6.67E-08	2.01E-08	3.95E-08	4.10E-04	5.27E-05
21	Cedar Crest Beach	686652.1	4861660.9		2.11E-07	1.71E-03	5.99E-04	3.32E-03	9.87E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.57E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.39E-08	0.02	1.14E-07	3.44E-08	6.78E-08	4.10E-04	5.28E-05
22	Darlington Prov Park Beach	677844.6	4859718.2		1.65E-07	1.71E-03	5.99E-04	3.31E-03	7.72E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.01E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.65E-08	0.02	8.94E-08	2.69E-08	5.30E-08	4.10E-04	5.28E-05
23	OPG 1	682258.1	4860045.0		3.05E-07	1.71E-03	6.01E-04	3.34E-03	1.43E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.71E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.90E-08	0.02	1.65E-07	4.98E-08	9.80E-08	4.10E-04	5.28E-05
24	OPG 2	682551.4	4859889.1		3.08E-07	1.71E-03	6.01E-04	3.34E-03	1.44E-05	2.33E-03	0.05	3.46E-04	2.93E-03	3.75E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.95E-08	0.02	1.67E-07	5.03E-08	9.90E-08	4.10E-04	5.28E-05
25	OPG 3	682824.6	4859759.3		3.13E-07	1.71E-03	6.01E-04	3.34E-03	1.47E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.82E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.04E-08	0.02	1.70E-07	5.12E-08	1.01E-07	4.10E-04	5.28E-05
26	OPG 4	683021.6	4859937.3		3.24E-07	1.71E-03	6.01E-04	3.34E-03	1.52E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.95E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.21E-08	0.02	1.76E-07	5.30E-08	1.04E-07	4.10E-04	5.28E-05
27	OPG 5	683318.2	4859677.8		2.77E-07	1.71E-03	6.01E-04	3.33E-03	1.30E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.38E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.46E-08	0.02	1.51E-07	4.53E-08	8.92E-08	4.10E-04	5.28E-05
28	OPG 6	683306.9	4860023.0		3.19E-07	1.71E-03	6.01E-04	3.34E-03	1.50E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.89E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.14E-08	0.02	1.73E-07	5.22E-08	1.03E-07	4.10E-04	5.28E-05
29	OPG 7	683718.6	4859915.8		2.86E-07	1.71E-03	6.01E-04	3.33E-03	1.34E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.49E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.61E-08	0.02	1.56E-07	4.68E-08	9.22E-08	4.10E-04	5.28E-05
30	OPG 8	682702.0	4859998.6		3.15E-07	1.71E-03	6.01E-04	3.34E-03	1.48E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.84E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.06E-08	0.02	1.71E-07	5.15E-08	1.01E-07	4.10E-04	5.28E-05
31	OPG 9	684347.7	4861184.6		2.62E-07	1.71E-03	6.00E-04	3.33E-03	1.23E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.19E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.21E-08	0.02	1.42E-07	4.28E-08	8.43E-08	4.10E-04	5.28E-05
32	OPG 10	682157.2	4861228.2		3.47E-07	1.71E-03	6.02E-04	3.34E-03	1.63E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.23E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.58E-08	0.02	1.88E-07				

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Chromium (hexavalent)	Chromium (and compounds)	Cobalt	Lead (Pb)	(Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	(As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05		8.24E-03	0.02	8.45E-05	2.13E-06	2.13E-06	7.18E-06	2.16E-06	4.25E-06
54	Bow. Subdivision 9	684777.3	4863330.5		1.80E-07	1.71E-03	5.99E-04	3.32E-03	8.44E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.20E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.90E-08	0.02	9.78E-08	2.95E-08	5.80E-08	4.10E-04	5.28E-05	
55	Bow. Subdivision 10	685266.0	4863243.1		1.73E-07	1.71E-03	5.99E-04	3.32E-03	8.11E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.11E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.78E-08	0.02	9.39E-08	2.83E-08	5.57E-08	4.10E-04	5.28E-05	
56	Osh/Court Subdivision 1	677396.8	4860977.3		3.11E-07	1.71E-03	6.01E-04	3.34E-03	1.46E-05	2.33E-03	0.05	3.46E-04	2.93E-03	3.80E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	5.01E-08	0.02	1.69E-07	5.09E-08	1.00E-07	4.10E-04	5.28E-05	
57	Osh/Court Subdivision 2	676633.5	4860816.8		2.15E-07	1.71E-03	6.00E-04	3.32E-03	1.01E-05	2.30E-03	0.05	3.45E-04	2.93E-03	2.62E-05	2.94E-03	7.70E-04	0.03	0.11	4.67E-03	3.47E-08	0.02	1.17E-07	3.52E-08	6.93E-08	4.10E-04	5.28E-05	
58	Osh/Court Subdivision 3	676916.0	4861925.0		1.89E-07	1.71E-03	5.99E-04	3.32E-03	8.88E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.31E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.05E-08	0.02	1.03E-07	3.10E-08	6.10E-08	4.10E-04	5.28E-05	
59	Osh/Court Subdivision 4	676730.5	4861317.1		2.50E-07	1.71E-03	6.00E-04	3.33E-03	1.17E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.04E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	4.02E-08	0.02	1.36E-07	4.08E-08	8.04E-08	4.10E-04	5.28E-05	
60	Osh/Court Subdivision 5	676087.2	4861392.3		2.08E-07	1.71E-03	5.99E-04	3.32E-03	9.77E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.54E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.35E-08	0.02	1.13E-07	3.41E-08	6.71E-08	4.10E-04	5.28E-05	
61	Osh/Court Subdivision 6	676177.1	4861722.2		1.90E-07	1.71E-03	5.99E-04	3.32E-03	8.89E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.31E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.05E-08	0.02	1.03E-07	3.10E-08	6.11E-08	4.10E-04	5.28E-05	
62	Osh/Court Subdivision 7	675670.7	4861783.2		1.72E-07	1.71E-03	5.99E-04	3.32E-03	8.04E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.09E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.76E-08	0.02	9.32E-08	2.81E-08	5.52E-08	4.10E-04	5.28E-05	
63	Osh/Court Subdivision 8	676050.8	4862055.7		1.72E-07	1.71E-03	5.99E-04	3.32E-03	8.06E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.10E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.77E-08	0.02	9.35E-08	2.81E-08	5.54E-08	4.10E-04	5.28E-05	
64	Osh/Court Subdivision 9	676636.9	4862134.3		1.76E-07	1.71E-03	5.99E-04	3.32E-03	8.27E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.15E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.84E-08	0.02	9.58E-08	2.88E-08	5.68E-08	4.10E-04	5.28E-05	
65	Osh/Court Subdivision 10	676571.3	4861634.8		2.03E-07	1.71E-03	5.99E-04	3.32E-03	9.52E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.48E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.27E-08	0.02	1.10E-07	3.32E-08	6.54E-08	4.10E-04	5.28E-05	
66	Bow. Subdivision 11	684649.2	486182.7		1.90E-07	1.71E-03	5.99E-04	3.32E-03	8.90E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.31E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.06E-08	0.02	1.03E-07	3.11E-08	6.11E-08	4.10E-04	5.28E-05	
67	Daycare B	685172.4	4863933.1		1.59E-07	1.71E-03	5.99E-04	3.31E-03	7.47E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.94E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.57E-08	0.02	8.66E-08	2.61E-08	5.13E-08	4.10E-04	5.28E-05	
68	Daycare C	685452.0	4863104.4		1.70E-07	1.71E-03	5.99E-04	3.31E-03	7.96E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.07E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.73E-08	0.02	9.23E-08	2.78E-08	5.47E-08	4.10E-04	5.28E-05	
69	Daycare D	685527.7	4864693.3		1.59E-07	1.71E-03	5.99E-04	3.31E-03	7.47E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.94E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.57E-08	0.02	8.66E-08	2.61E-08	5.13E-08	4.10E-04	5.28E-05	
70	Daycare E	685735.4	4864790.8		1.55E-07	1.71E-03	5.98E-04	3.31E-03	7.27E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.89E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.50E-08	0.02	8.43E-08	2.54E-08	4.99E-08	4.10E-04	5.27E-05	
71	Daycare F	685520.3	4864854.3		1.58E-07	1.71E-03	5.98E-04	3.31E-03	7.41E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.93E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.54E-08	0.02	8.59E-08	2.58E-08	5.09E-08	4.10E-04	5.28E-05	
72	Daycare G	685441.9	4864878.0		1.58E-07	1.71E-03	5.98E-04	3.31E-03	7.42E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.93E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.55E-08	0.02	8.60E-08	2.59E-08	5.09E-08	4.10E-04	5.28E-05	
73	Daycare H	686364.8	4864707.8		1.38E-07	1.71E-03	5.98E-04	3.31E-03	6.46E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.68E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	2.22E-08	0.02	7.49E-08	2.25E-08	4.44E-08	4.10E-04	5.27E-05	
74	Daycare I	685721.6	4865127.3		1.51E-07	1.71E-03	5.98E-04	3.31E-03	7.08E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.84E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.43E-08	0.02	8.21E-08	2.47E-08	4.86E-08	4.10E-04	5.27E-05	
75	Daycare J	678256.3	4863565.4		1.11E-07	1.71E-03	5.98E-04	3.31E-03	5.20E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.35E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.79E-08	0.02	6.03E-08	1.82E-08	3.57E-08	4.10E-04	5.27E-05	
76	Daycare K	677694.1	4864043.7		9.43E-08	1.71E-03	5.97E-04	3.30E-03	4.42E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.15E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.52E-08	0.02	5.12E-08	1.54E-08	3.03E-08	4.10E-04	5.27E-05	
77	Daycare L	676479.5	4862526.2		1.46E-07	1.71E-03	5.98E-04	3.31E-03	6.83E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.78E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	2.35E-08	0.02	7.92E-08	2.38E-08	4.69E-08	4.10E-04	5.27E-05	
78	Daycare M	678320.9	4864763.5		9.42E-08	1.71E-03	5.97E-04	3.30E-03	4.42E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.15E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.52E-08	0.02	5.12E-08	1.54E-08	3.03E-08	4.10E-04	5.27E-05	
79	Daycare N	678513.4	4865058.0		1.01E-07	1.71E-03	5.97E-04	3.30E-03	4.72E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.23E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.62E-08	0.02	5.47E-08	1.65E-08	3.24E-08	4.10E-04	5.27E-05	
80	Daycare O	672788.7	4863936.6		7.57E-08	1.71E-03	5.97E-04	3.30E-03	3.55E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.23E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.22E-08	0.02	4.11E-08	1.24E-08	2.44E-08	4.10E-04	5.27E-05	
81	Daycare P	673952.8	4863592.5		8.41E-08	1.71E-03	5.97E-04	3.30E-03	3.94E-06	2.26E-03	0.05	3.44E-04	2.93E-03	1.02E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.35E-08	0.02	4.57E-08	1.37E-08	2.71E-08	4.10E-04	5.27E-05	
82	Daycare Q	671751.8	4864887.7		6.60E-08	1.71E-03	5.97E-04	3.30E-03	3.09E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.04E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.06E-08	0.02	3.59E-08	1.08E-08	2.12E-08	4.10E-04	5.27E-05	
83	Daycare R	685714.4	4864667.4		1.57E-07	1.71E-03	5.98E-04	3.31E-03	7.37E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.92E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.53E-08	0.02	8.54E-08	2.57E-08	5.06E-08	4.10E-04	5.28E-05	
84	Daycare S	684177.9	4863618.2		2.00E-07	1.71E-03	5.99E-04	3.32E-03	9.39E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.44E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.23E-08	0.02	1.09E-07	3.28E-08	6.45E-08	4.10E-04	5.28E-05	
85	Daycare T	678423.6	4864480.4		9.88E-08	1.71E-03	5.97E-04	3.30E-03	4.63E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.20E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.59E-08	0.02	5.37E-08	1.62E-08	3.18E-08	4.10E-04	5.27E-05	
86	Daycare U	685330.5	4863435.1		1.64E-07	1.71E-03	5.99E-04	3.31E-03	7.68E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.00E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.64E-08	0.02	8.90E-08	2.68E-08	5.27E-08	4.10E-04		

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Chromium (hexavalent)	Chromium (and compounds)	Cobalt	Lead (Pb)	(Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	(As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	7.76E-08	1.71E-03	5.97E-04	3.30E-03	3.64E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.46E-06	2.93E-03	7.70E-04		0.03	0.11	4.66E-03	1.25E-08	0.02	4.21E-08	1.27E-08	2.50E-08
107	Daycare PP	674794.5	4864915.4		1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02		8.45E-05	2.13E-06	2.13E-06	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06
108	Hospital	686324.2	4864395.8		7.76E-08	1.71E-03	5.97E-04	3.30E-03	3.64E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.46E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.25E-08	0.02	4.21E-08	1.27E-08	2.50E-08	4.10E-04	5.27E-05
109	Hospital (Children  s)	676057.8	4862180.9		1.39E-07	1.71E-03	5.98E-04	3.31E-03	6.52E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.69E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.24E-08	0.02	7.55E-08	2.27E-08	4.47E-08	4.10E-04	5.27E-05
110	Hospital	671233.2	4863615.9		1.71E-07	1.71E-03	5.99E-04	3.32E-03	8.01E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.08E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.75E-08	0.02	9.29E-08	2.80E-08	5.50E-08	4.10E-04	5.28E-05
111	Comm. Resp. Services	676045.4	4863902.5		8.65E-08	1.71E-03	5.97E-04	3.30E-03	4.06E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.05E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.39E-08	0.02	4.70E-08	1.41E-08	2.78E-08	4.10E-04	5.27E-05
112	Hospital	671712.7	4862364.1		9.35E-08	1.71E-03	5.97E-04	3.30E-03	4.38E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.14E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.50E-08	0.02	5.08E-08	1.53E-08	3.01E-08	4.10E-04	5.27E-05
113	Retirement Residence A	684199.9	4864120.3		9.51E-08	1.71E-03	5.97E-04	3.30E-03	4.46E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.16E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.53E-08	0.02	5.17E-08	1.56E-08	3.06E-08	4.10E-04	5.27E-05
114	Retirement Residence B	685483.9	4865150.9		1.87E-07	1.71E-03	5.99E-04	3.32E-03	8.75E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.28E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.01E-08	0.02	1.01E-07	3.05E-08	6.01E-08	4.10E-04	5.28E-05
115	Retirement Residence C	686844.0	4864732.1		1.53E-07	1.71E-03	5.98E-04	3.31E-03	7.18E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.87E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.46E-08	0.02	8.32E-08	2.50E-08	4.93E-08	4.10E-04	5.27E-05
116	Retirement Residence D	673481.7	4863343.4		1.30E-07	1.71E-03	5.98E-04	3.31E-03	6.11E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.59E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.10E-08	0.02	7.08E-08	2.13E-08	4.19E-08	4.10E-04	5.27E-05
117	Retirement Residence E	673481.7	4863343.4		8.66E-08	1.71E-03	5.97E-04	3.30E-03	4.06E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.05E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.39E-08	0.02	4.70E-08	1.42E-08	2.79E-08	4.10E-04	5.27E-05
118	Retirement Residence F	671606.3	4864536.0		6.86E-08	1.71E-03	5.97E-04	3.30E-03	3.22E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.36E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.10E-08	0.02	3.73E-08	1.12E-08	2.21E-08	4.10E-04	5.27E-05
119	Retirement Residence G	671357.1	4862958.7		6.77E-08	1.71E-03	5.97E-04	3.30E-03	3.17E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.25E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.09E-08	0.02	3.68E-08	1.11E-08	2.18E-08	4.10E-04	5.27E-05
120	Retirement Residence H	671514.0	4862262.9		9.46E-08	1.71E-03	5.97E-04	3.30E-03	4.44E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.15E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.52E-08	0.02	5.14E-08	1.55E-08	3.05E-08	4.10E-04	5.27E-05
121	Retirement Residence I	672602.2	4863075.9		9.20E-08	1.71E-03	5.97E-04	3.30E-03	4.31E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.12E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.48E-08	0.02	4.99E-08	1.50E-08	2.96E-08	4.10E-04	5.27E-05
122	Retirement Residence J	671719.1	4862893.1		9.55E-08	1.71E-03	5.97E-04	3.30E-03	4.48E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.16E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.54E-08	0.02	5.19E-08	1.56E-08	3.08E-08	4.10E-04	5.27E-05
123	Retirement Residence K	686718.0	4865648.7		9.66E-08	1.71E-03	5.97E-04	3.30E-03	4.53E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.18E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.55E-08	0.02	5.25E-08	1.58E-08	3.11E-08	4.10E-04	5.27E-05
124	Retirement Residence L	676168.7	4865669.9		1.32E-07	1.71E-03	5.98E-04	3.31E-03	6.18E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.61E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.12E-08	0.02	7.16E-08	2.15E-08	4.24E-08	4.10E-04	5.27E-05
125	Retirement Residence M	676118.5	4863980.7		7.16E-08	1.71E-03	5.97E-04	3.30E-03	3.35E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.72E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.15E-08	0.02	3.89E-08	1.17E-08	2.30E-08	4.10E-04	5.27E-05
126	Bow. Subdivision 12	684649.2	4863182.7		8.99E-08	1.71E-03	5.97E-04	3.30E-03	4.21E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.10E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.45E-08	0.02	4.88E-08	1.47E-08	2.89E-08	4.10E-04	5.27E-05
127	Primary School B	685384.8	4863575.3		1.90E-07	1.71E-03	5.99E-04	3.32E-03	8.90E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.31E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.06E-08	0.02	1.03E-07	3.11E-08	6.11E-08	4.10E-04	5.28E-05
128	Primary School C	685021.6	4863952.9		1.58E-07	1.71E-03	5.98E-04	3.31E-03	7.41E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.93E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.54E-08	0.02	8.58E-08	2.58E-08	5.09E-08	4.10E-04	5.28E-05
129	Primary School D	686237.0	4864085.5		1.66E-07	1.71E-03	5.99E-04	3.31E-03	7.79E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.02E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.67E-08	0.02	9.02E-08	2.72E-08	5.35E-08	4.10E-04	5.28E-05
130	Primary School E	686719.0	4863734.7		1.36E-07	1.71E-03	5.98E-04	3.31E-03	6.38E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.66E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.19E-08	0.02	7.40E-08	2.23E-08	4.38E-08	4.10E-04	5.27E-05
131	Primary School F	686357.0	4864754.9		1.35E-07	1.71E-03	5.98E-04	3.31E-03	6.33E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.65E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.17E-08	0.02	7.34E-08	2.21E-08	4.35E-08	4.10E-04	5.27E-05
132	Primary School G	685502.0	4865013.4		1.38E-07	1.71E-03	5.98E-04	3.31E-03	6.45E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.68E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.22E-08	0.02	7.48E-08	2.25E-08	4.43E-08	4.10E-04	5.27E-05
133	Primary School H	686726.7	4866061.5		1.56E-07	1.71E-03	5.98E-04	3.31E-03	7.30E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.90E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.51E-08	0.02	8.46E-08	2.55E-08	5.01E-08	4.10E-04	5.28E-05
134	Primary School I	685186.2	4866568.2		1.28E-07	1.71E-03	5.98E-04	3.31E-03	6.02E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.57E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.07E-08	0.02	6.98E-08	2.10E-08	4.13E-08	4.10E-04	5.27E-05
135	Primary School J	685965.3	4866979.0		1.38E-07	1.71E-03	5.98E-04	3.31E-03	6.47E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.68E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.22E-08	0.02	7.50E-08	2.26E-08	4.44E-08	4.10E-04	5.27E-05
136	Primary School K	677709.9	4864726.5		1.22E-07	1.71E-03	5.98E-04	3.31E-03	5.72E-06	2.27E-03	0.05	3.45E-04	2.93E-03	1.49E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.96E-08	0.02	6.63E-08	2.00E-08	3.93E-08	4.10E-04	5.27E-05
137	Primary School L	675988.3	4864270.2		8.02E-08	1.71E-03	5.97E-04	3.30E-03	3.76E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.78E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.29E-08	0.02	4.36E-08	1.31E-08	2.58E-08	4.10E-04	5.27E-05
138	Primary School M	676608.7	4862739.0		8.54E-08	1.71E-03	5.97E-04	3.30E-03	4.00E-06	2.26E-03	0.05	3.44E-04	2.93E-03	1.04E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.37E-08	0.02	4.64E-08	1.40E-08	2.75E-08	4.10E-04	5.27E-05
139	Primary School N	677222.2	4863759.1		1.30E-07	1.71E-03	5.98E-04	3.31E-03	6.08E-06	2.28E-03	0.05	3.45E-04	2.93E-03														



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Chromium (hexavalent)	Chromium (and compounds)	Cobalt	Lead (Pb)	(Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	(As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene		
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05		8.24E-03	0.02	8.45E-05	2.13E-06	2.13E-06	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06
					(m)	(m)	1.71E-03	5.96E-04	3.29E-03	2.24E-03	0.05	3.43E-04	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.69E-08		0.02	5.70E-08	1.72E-08	3.38E-08	4.10E-04	5.27E-05				
160	Primary School II	672616.7	4862114.9		1.05E-07	1.71E-03	5.98E-04	3.30E-03	4.92E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.28E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.69E-08	0.02	5.70E-08	1.72E-08	3.38E-08	4.10E-04	5.27E-05			
161	Primary School JJ	673567.2	4861899.5		1.15E-07	1.71E-03	5.98E-04	3.31E-03	5.38E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.40E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.85E-08	0.02	6.24E-08	1.88E-08	3.70E-08	4.10E-04	5.27E-05			
162	Primary School KK	671791.0	4861954.2		9.00E-08	1.71E-03	5.97E-04	3.30E-03	4.22E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.10E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.45E-08	0.02	4.89E-08	1.47E-08	2.90E-08	4.10E-04	5.27E-05			
163	Primary School LL	673762.3	4864210.6		7.89E-08	1.71E-03	5.97E-04	3.30E-03	3.70E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.61E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.27E-08	0.02	4.28E-08	1.29E-08	2.54E-08	4.10E-04	5.27E-05			
164	Primary School MM	672238.8	4864621.3		6.82E-08	1.71E-03	5.97E-04	3.30E-03	3.20E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.31E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.10E-08	0.02	3.71E-08	1.12E-08	2.20E-08	4.10E-04	5.27E-05			
165	Primary School NN	673213.6	4858677.0		8.30E-08	1.71E-03	5.97E-04	3.30E-03	3.89E-06	2.26E-03	0.05	3.44E-04	2.93E-03	1.01E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.34E-08	0.02	4.51E-08	1.36E-08	2.67E-08	4.10E-04	5.27E-05			
166	Primary School OO	675474.8	4863221.7		1.09E-07	1.71E-03	5.98E-04	3.31E-03	5.09E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.32E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.75E-08	0.02	5.89E-08	1.77E-08	3.49E-08	4.10E-04	5.27E-05			
167	Primary School PP	672441.8	4858748.6		7.98E-08	1.71E-03	5.97E-04	3.30E-03	3.74E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.73E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.28E-08	0.02	4.34E-08	1.31E-08	2.57E-08	4.10E-04	5.27E-05			
168	Primary School QQ	672796.8	4864438.2		7.09E-08	1.71E-03	5.97E-04	3.30E-03	3.32E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.64E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.14E-08	0.02	3.85E-08	1.16E-08	2.28E-08	4.10E-04	5.27E-05			
169	Primary School RR	671351.4	4863284.0		9.14E-08	1.71E-03	5.97E-04	3.30E-03	4.29E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.11E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.47E-08	0.02	4.97E-08	1.49E-08	2.94E-08	4.10E-04	5.27E-05			
170	Primary School SS	673213.9	4862125.5		1.12E-07	1.71E-03	5.98E-04	3.31E-03	5.23E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.36E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.79E-08	0.02	6.06E-08	1.82E-08	3.59E-08	4.10E-04	5.27E-05			
171	Primary School TT	671017.9	4860953.7		7.20E-08	1.71E-03	5.97E-04	3.30E-03	3.37E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.77E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.16E-08	0.02	3.91E-08	1.18E-08	2.32E-08	4.10E-04	5.27E-05			
172	Primary School UU	670991.0	4861089.8		7.05E-08	1.71E-03	5.97E-04	3.30E-03	3.31E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.59E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.13E-08	0.02	3.83E-08	1.15E-08	2.27E-08	4.10E-04	5.27E-05			
173	Primary School VV	674150.1	4862294.8		1.25E-07	1.71E-03	5.98E-04	3.31E-03	5.88E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.53E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	2.02E-08	0.02	6.81E-08	2.05E-08	4.04E-08	4.10E-04	5.27E-05			
174	Primary School WW	672005.2	4861707.9		8.70E-08	1.71E-03	5.97E-04	3.30E-03	4.08E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.06E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.40E-08	0.02	4.73E-08	1.42E-08	2.80E-08	4.10E-04	5.27E-05			
175	Primary School XX	684172.1	4863615.6		2.01E-07	1.71E-03	5.99E-04	3.32E-03	9.42E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.45E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.23E-08	0.02	1.09E-07	3.29E-08	6.47E-08	4.10E-04	5.28E-05			
176	Primary School YY	683923.3	4866636.4		1.47E-07	1.71E-03	5.98E-04	3.31E-03	6.90E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.79E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	2.37E-08	0.02	7.99E-08	2.41E-08	4.74E-08	4.10E-04	5.27E-05			
177	Primary School ZZ	680446.0	4865770.5		1.10E-07	1.71E-03	5.98E-04	3.31E-03	5.16E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.34E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.77E-08	0.02	5.98E-08	1.80E-08	3.55E-08	4.10E-04	5.27E-05			
178	Vacant School	685612.9	4864520.0		1.55E-07	1.71E-03	5.98E-04	3.31E-03	7.29E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.89E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.50E-08	0.02	8.44E-08	2.54E-08	5.00E-08	4.10E-04	5.28E-05			
179	Secondary School A	686291.4	4865064.3		1.38E-07	1.71E-03	5.98E-04	3.31E-03	6.46E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.68E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	2.22E-08	0.02	7.49E-08	2.25E-08	4.44E-08	4.10E-04	5.27E-05			
180	Secondary School B	683875.0	4864741.7		1.89E-07	1.71E-03	5.99E-04	3.32E-03	8.88E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.31E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.05E-08	0.02	1.03E-07	3.10E-08	6.10E-08	4.10E-04	5.28E-05			
181	Secondary School C	684650.3	4866460.3		1.43E-07	1.71E-03	5.98E-04	3.31E-03	6.70E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.74E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	2.30E-08	0.02	7.76E-08	2.34E-08	4.60E-08	4.10E-04	5.27E-05			
182	Secondary School D	678099.5	4864838.2		8.84E-08	1.71E-03	5.97E-04	3.30E-03	4.15E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.08E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.42E-08	0.02	4.80E-08	1.45E-08	2.85E-08	4.10E-04	5.27E-05			
183	Secondary School E	678467.0	4863431.2		1.16E-07	1.71E-03	5.98E-04	3.31E-03	5.46E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.42E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.87E-08	0.02	6.32E-08	1.90E-08	3.75E-08	4.10E-04	5.27E-05			
184	Secondary School F	674144.9	4862762.7		1.05E-07	1.71E-03	5.98E-04	3.30E-03	4.90E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.27E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.68E-08	0.02	5.68E-08	1.71E-08	3.36E-08	4.10E-04	5.27E-05			
185	Secondary School G	673816.0	4864357.1		7.87E-08	1.71E-03	5.97E-04	3.30E-03	3.69E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.59E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.27E-08	0.02	4.28E-08	1.29E-08	2.53E-08	4.10E-04	5.27E-05			
186	Secondary School H	673145.4	4858569.0		8.03E-08	1.71E-03	5.97E-04	3.30E-03	3.76E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.78E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.29E-08	0.02	4.36E-08	1.31E-08	2.58E-08	4.10E-04	5.27E-05			
187	Secondary School I	671291.7	4863581.3		8.81E-08	1.71E-03	5.97E-04	3.30E-03	4.13E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.07E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.42E-08	0.02	4.78E-08	1.44E-08	2.83E-08	4.10E-04	5.27E-05			
188	Secondary School J	671443.2	4861664.9		7.64E-08	1.71E-03	5.97E-04	3.30E-03	3.58E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.31E-06	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.23E-08	0.02	4.15E-08	1.25E-08	2.46E-08	4.10E-04	5.27E-05			
189	Secondary School K	673235.3	4860885.0		8.23E-08	1.71E-03	5.97E-04	3.30E-03	3.86E-06	2.26E-03	0.05	3.44E-04	2.93E-03	1.00E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.33E-08	0.02	4.47E-08	1.35E-08	2.65E-08	4.10E-04	5.27E-05			
190	Secondary School L	684252.7	4866500.5		1.48E-07	1.71E-03	5.98E-04	3.31E-03	6.92E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.80E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	2.38E-08	0.02	8.02E-08	2.41E-08	4.75E-08	4.10E-04	5.27E-05			
191	Secondary School M	673914.1	4859551.7		1.04E-07	1.71E-03	5.98E-04	3.30E-03	4.87E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.27E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.67E-08	0.02	5.64E-08	1.70E-08	3.34E-08	4.10E-04	5.27E-05			
192	Secondary School N	675051.5	4864177.2		9.09E-08	1.71E-03	5.97E-04	3.30E-03	4.26E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.11E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	1.46E-08	0.02	4.94E-08	1.49E-08	2.93E-08	4.10E-04	5.27E-05			
193	Adult School	685276.1	4866019.8		1.36E-07	1.71E-03	5.98E-04	3.31E-03	6.35E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.65E-05	2.93E-03	7.70E-04	0.03	0.11	4.66E-03	2.18E-08	0.02	7.36E-08	2.22E-08	4.36E-08	4.10E-04	5.27E-05			
194	Bow. Valley Cons. 1	685356.6	4864521.2		1.55E-07	1.71E-03	5.98E-04	3.31E-03	7.27E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.89E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.50E-08	0.02	8.43E-08	2.54E-08	4.99E-08	4.10E-04	5.27E-05			
195	Bow. Valley Cons. 2	685627.7	4864167.8	</																									

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Chromium (hexavalent)	Chromium (and compounds)	Cobalt	Lead (Pb)	(Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	(As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)			8.45E-05											2.13E-06	2.13E-06	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06	
		(m)	(m)		1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02		4.66E-03		0.02				4.10E-04	5.27E-05
213	Port Darlington 5	686406.8	4861448.7		2.15E-07	1.71E-03	6.00E-04	3.32E-03	1.01E-05	2.30E-03	0.05	3.45E-04	2.93E-03	2.62E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.46E-08	0.02	1.17E-07	3.51E-08	6.91E-08	4.10E-04	5.28E-05
214	Port Darlington 6	686504.5	4861604.0		2.13E-07	1.71E-03	5.99E-04	3.32E-03	9.97E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.59E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.42E-08	0.02	1.16E-07	3.48E-08	6.85E-08	4.10E-04	5.28E-05
215	Port Darlington 7	686703.0	4861789.3		1.99E-07	1.71E-03	5.99E-04	3.32E-03	9.34E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.43E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.21E-08	0.02	1.08E-07	3.26E-08	6.41E-08	4.10E-04	5.28E-05
216	Port Darlington 8	686895.8	4861960.2		1.82E-07	1.71E-03	5.99E-04	3.32E-03	8.51E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.21E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.92E-08	0.02	9.87E-08	2.97E-08	5.85E-08	4.10E-04	5.28E-05
217	Port Darlington 9	686867.4	4862119.7		1.67E-07	1.71E-03	5.99E-04	3.31E-03	7.81E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.03E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.68E-08	0.02	9.06E-08	2.73E-08	5.37E-08	4.10E-04	5.28E-05
218	Port Darlington 10	687190.7	4862048.8		1.67E-07	1.71E-03	5.99E-04	3.31E-03	7.81E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.03E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.68E-08	0.02	9.05E-08	2.72E-08	5.36E-08	4.10E-04	5.28E-05
219	Port Darlington 11	687524.4	4862126.8		1.60E-07	1.71E-03	5.99E-04	3.31E-03	7.51E-06	2.29E-03	0.05	3.45E-04	2.93E-03	1.95E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.58E-08	0.02	8.71E-08	2.62E-08	5.16E-08	4.10E-04	5.28E-05
220	Campground 1	678846.3	4860337.7		3.83E-07	1.71E-03	6.03E-04	3.35E-03	1.79E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.66E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.16E-08	0.02	2.08E-07	6.26E-08	1.23E-07	4.10E-04	5.28E-05
221	Campground 2	678410.2	4860148.6		2.71E-07	1.71E-03	6.01E-04	3.33E-03	1.27E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.30E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.36E-08	0.02	1.47E-07	4.43E-08	8.71E-08	4.10E-04	5.28E-05
222	Campground 3	678651.0	4860054.4		2.49E-07	1.71E-03	6.00E-04	3.33E-03	1.17E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.03E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.00E-08	0.02	1.35E-07	4.07E-08	8.01E-08	4.10E-04	5.28E-05
223	Campground 4	678725.9	4859860.7		2.34E-07	1.71E-03	6.00E-04	3.32E-03	1.10E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.85E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.76E-08	0.02	1.27E-07	3.82E-08	7.53E-08	4.10E-04	5.28E-05
224	Campground 5	678511.1	4859808.6		2.08E-07	1.71E-03	5.99E-04	3.32E-03	9.73E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.53E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.34E-08	0.02	1.13E-07	3.40E-08	6.68E-08	4.10E-04	5.28E-05
225	Campground 6	678869.5	4859696.0		2.05E-07	1.71E-03	5.99E-04	3.32E-03	9.59E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.49E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.29E-08	0.02	1.11E-07	3.35E-08	6.59E-08	4.10E-04	5.28E-05
226	Campground 7	678723.9	4860201.8		3.17E-07	1.71E-03	6.01E-04	3.34E-03	1.49E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.87E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.11E-08	0.02	1.72E-07	5.19E-08	1.02E-07	4.10E-04	5.28E-05
227	Campground 8	678796.0	4860011.4		2.46E-07	1.71E-03	6.00E-04	3.33E-03	1.15E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.99E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	3.95E-08	0.02	1.33E-07	4.01E-08	7.90E-08	4.10E-04	5.28E-05
228	Campground 9	678852.7	4859854.2		2.39E-07	1.71E-03	6.00E-04	3.33E-03	1.12E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.92E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.85E-08	0.02	1.30E-07	3.91E-08	7.70E-08	4.10E-04	5.28E-05
229	Solina 1	681099.6	4861677.2		3.77E-07	1.71E-03	6.02E-04	3.35E-03	1.77E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.59E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.07E-08	0.02	2.05E-07	6.16E-08	1.21E-07	4.10E-04	5.28E-05
230	Solina 2	681115.7	4861857.7		3.69E-07	1.71E-03	6.02E-04	3.35E-03	1.73E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.50E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.94E-08	0.02	2.01E-07	6.04E-08	1.19E-07	4.10E-04	5.28E-05
231	Solina 3	680987.4	4861983.5		3.03E-07	1.71E-03	6.01E-04	3.34E-03	1.42E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.69E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.87E-08	0.02	1.64E-07	4.95E-08	9.74E-08	4.10E-04	5.28E-05
232	Solina 4	680965.0	4862068.1		2.89E-07	1.71E-03	6.01E-04	3.33E-03	1.35E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.52E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.65E-08	0.02	1.57E-07	4.72E-08	9.30E-08	4.10E-04	5.28E-05
233	Solina 5	681021.5	4862086.7		2.97E-07	1.71E-03	6.01E-04	3.33E-03	1.39E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.62E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.78E-08	0.02	1.61E-07	4.86E-08	9.56E-08	4.10E-04	5.28E-05
234	Solina 6	680939.8	4862124.3		2.80E-07	1.71E-03	6.01E-04	3.33E-03	1.31E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.41E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.51E-08	0.02	1.52E-07	4.58E-08	9.01E-08	4.10E-04	5.28E-05
235	Solina 7	680988.2	4862183.6		2.82E-07	1.71E-03	6.01E-04	3.33E-03	1.32E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.44E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.55E-08	0.02	1.53E-07	4.62E-08	9.09E-08	4.10E-04	5.28E-05
236	Solina 8	680984.6	4862209.8		2.79E-07	1.71E-03	6.01E-04	3.33E-03	1.31E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.40E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.49E-08	0.02	1.52E-07	4.57E-08	8.99E-08	4.10E-04	5.28E-05
237	Solina 9	680958.6	4862294.9		2.71E-07	1.71E-03	6.01E-04	3.33E-03	1.27E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.30E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.35E-08	0.02	1.47E-07	4.42E-08	8.71E-08	4.10E-04	5.28E-05
238	Solina 10	680858.0	4862324.3		2.61E-07	1.71E-03	6.00E-04	3.33E-03	1.22E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.18E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.20E-08	0.02	1.42E-07	4.27E-08	8.41E-08	4.10E-04	5.28E-05
239	Solina 11	680990.3	4862403.5		2.67E-07	1.71E-03	6.00E-04	3.33E-03	1.25E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.25E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.29E-08	0.02	1.45E-07	4.36E-08	8.58E-08	4.10E-04	5.28E-05
240	Recreational 1	681545.0	4860865.0		2.94E-07	1.71E-03	6.01E-04	3.33E-03	1.38E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.58E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.73E-08	0.02	1.59E-07	4.80E-08	9.45E-08	4.10E-04	5.28E-05
241	Recreational 2	681563.7	4860687.4		2.99E-07	1.71E-03	6.01E-04	3.34E-03	1.40E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.64E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.81E-08	0.02	1.62E-07	4.89E-08	9.62E-08	4.10E-04	5.28E-05
242	Recreational 3	681579.7	4860610.0		3.15E-07	1.71E-03	6.01E-04	3.34E-03	1.47E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.83E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.06E-08	0.02	1.71E-07	5.14E-08	1.01E-07	4.10E-04	5.28E-05
243	Recreational 6	681876.6	4860254.4		3.36E-07	1.71E-03	6.02E-04	3.34E-03	1.58E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.10E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.42E-08	0.02	1.83E-07	5.50E-08	1.08E-07	4.10E-04	5.28E-05
244	Recreational 7	682166.9	4860324.4		3.53E-07	1.71E-03	6.02E-04	3.34E-03	1.66E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.31E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.69E-08	0.02	1.92E-07	5.78E-08	1.14E-07	4.10E-04	5.28E-05

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Chromium (hexavalent)	Chromium (and compounds)	Cobalt	Lead (Pb)	(Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	(As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)			8.45E-05											2.13E-06	2.13E-06	7.18E-06	2.16E-06	4.25E-06	8.52E-06	2.13E-06	
		(m)	(m)		1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05	8.24E-03	0.02		4.66E-03		0.02				4.10E-04	5.27E-05
266	Future Industrial 8	680398.0	4860731.8		1.39E-07	1.71E-03	5.98E-04	3.31E-03	6.52E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.70E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.24E-08	0.02	7.56E-08	2.27E-08	4.48E-08	4.10E-04	5.27E-05
267	Future Industrial 1	680359.6	4859959.2		9.33E-08	1.71E-03	5.97E-04	3.30E-03	4.37E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.14E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.50E-08	0.02	5.07E-08	1.53E-08	3.00E-08	4.10E-04	5.27E-05
268	Future Industrial 2	680083.7	4859985.7		9.77E-08	1.71E-03	5.97E-04	3.30E-03	4.58E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.19E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.57E-08	0.02	5.31E-08	1.60E-08	3.14E-08	4.10E-04	5.27E-05
269	Future Industrial 3	680819.9	4860705.3		1.67E-07	1.71E-03	5.99E-04	3.31E-03	7.82E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.03E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.68E-08	0.02	9.06E-08	2.73E-08	5.37E-08	4.10E-04	5.28E-05
270	Future Industrial 4	681070.0	4859937.2		3.98E-07	1.71E-03	6.03E-04	3.35E-03	1.87E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.85E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.40E-08	0.02	2.16E-07	6.51E-08	1.28E-07	4.11E-04	5.28E-05
271	Future Industrial 5	679988.8	4860067.4		1.21E-07	1.71E-03	5.98E-04	3.31E-03	5.68E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.48E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.95E-08	0.02	6.58E-08	1.98E-08	3.90E-08	4.10E-04	5.27E-05
272	Future Industrial 6	680134.8	4860694.1		1.67E-07	1.71E-03	5.99E-04	3.31E-03	7.83E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.04E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.69E-08	0.02	9.08E-08	2.73E-08	5.38E-08	4.10E-04	5.28E-05
273	Future Industrial 11	680253.7	4860255.2		1.11E-07	1.71E-03	5.98E-04	3.31E-03	5.22E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.36E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.79E-08	0.02	6.05E-08	1.82E-08	3.59E-08	4.10E-04	5.27E-05
274	Future Industrial 12	679901.2	4860511.8		2.36E-07	1.71E-03	6.00E-04	3.33E-03	1.11E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.88E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.80E-08	0.02	1.28E-07	3.86E-08	7.61E-08	4.10E-04	5.28E-05
275	Commercial Farmer	679867.8	4860445.4		2.53E-07	1.71E-03	6.00E-04	3.33E-03	1.18E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.08E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.07E-08	0.02	1.37E-07	4.13E-08	8.13E-08	4.10E-04	5.28E-05
276	Farmer	679277.0	4859981.5		2.16E-07	1.71E-03	6.00E-04	3.32E-03	1.01E-05	2.30E-03	0.05	3.45E-04	2.93E-03	2.63E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.47E-08	0.02	1.17E-07	3.53E-08	6.95E-08	4.10E-04	5.28E-05
277	Residence	679387.2	4860648.9		4.15E-07	1.71E-03	6.03E-04	3.35E-03	1.94E-05	2.35E-03	0.05	3.48E-04	2.93E-03	5.05E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.67E-08	0.02	2.25E-07	6.78E-08	1.33E-07	4.11E-04	5.28E-05
278	Barn	679261.9	4860574.2		4.44E-07	1.71E-03	6.04E-04	3.36E-03	2.08E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.41E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.15E-08	0.02	2.41E-07	7.26E-08	1.43E-07	4.11E-04	5.28E-05
279	Residence	680150.7	4861295.7		2.58E-07	1.71E-03	6.00E-04	3.33E-03	1.21E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.14E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.15E-08	0.02	1.40E-07	4.21E-08	8.29E-08	4.10E-04	5.28E-05
280	Residence	679939.8	4861213.4		2.83E-07	1.71E-03	6.01E-04	3.33E-03	1.33E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.45E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.55E-08	0.02	1.54E-07	4.63E-08	9.11E-08	4.10E-04	5.28E-05
281	Farmer	680855.7	4861456.9		3.11E-07	1.71E-03	6.01E-04	3.34E-03	1.46E-05	2.33E-03	0.05	3.46E-04	2.93E-03	3.79E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.00E-08	0.02	1.69E-07	5.08E-08	1.00E-07	4.10E-04	5.28E-05
282	Farmer	681386.2	4861673.3		4.67E-07	1.71E-03	6.04E-04	3.36E-03	2.19E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.69E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.52E-08	0.02	2.54E-07	7.64E-08	1.50E-07	4.11E-04	5.28E-05
283	Residence	680683.5	4861597.9		2.77E-07	1.71E-03	6.01E-04	3.33E-03	1.30E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.38E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.46E-08	0.02	1.50E-07	4.53E-08	8.91E-08	4.10E-04	5.28E-05
284	Business	680064.3	4861343.7		2.63E-07	1.71E-03	6.00E-04	3.33E-03	1.23E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.20E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.23E-08	0.02	1.43E-07	4.30E-08	8.46E-08	4.10E-04	5.28E-05
285	Farmer	679680.1	4861213.5		3.15E-07	1.71E-03	6.01E-04	3.34E-03	1.48E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.84E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.08E-08	0.02	1.71E-07	5.16E-08	1.02E-07	4.10E-04	5.28E-05
286	Farmer	681344.8	4861792.9		4.46E-07	1.71E-03	6.04E-04	3.36E-03	2.09E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.43E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.17E-08	0.02	2.42E-07	7.29E-08	1.43E-07	4.11E-04	5.28E-05
287	Youth Centre	685644.2	4864814.8		1.57E-07	1.71E-03	5.98E-04	3.31E-03	7.36E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.91E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.53E-08	0.02	8.52E-08	2.57E-08	5.05E-08	4.10E-04	5.28E-05
288	Bowmanville Arena	685462.9	4864615.2		1.59E-07	1.71E-03	5.99E-04	3.31E-03	7.44E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.94E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.56E-08	0.02	8.63E-08	2.60E-08	5.11E-08	4.10E-04	5.28E-05
289	Bowmanville Rec Complex	684160.3	4864604.5		1.78E-07	1.71E-03	5.99E-04	3.32E-03	8.33E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.17E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.86E-08	0.02	9.65E-08	2.91E-08	5.72E-08	4.10E-04	5.28E-05
290	Recreation Complex	684586.6	4862406.3		1.94E-07	1.71E-03	5.99E-04	3.32E-03	9.09E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.36E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.12E-08	0.02	1.05E-07	3.17E-08	6.24E-08	4.10E-04	5.28E-05
291	Superdog Central	681487.7	4865723.3		1.12E-07	1.71E-03	5.98E-04	3.31E-03	5.24E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.36E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.80E-08	0.02	6.08E-08	1.83E-08	3.60E-08	4.10E-04	5.27E-05
292	Equestrian Centre	681567.1	4863670.7		1.92E-07	1.71E-03	5.99E-04	3.32E-03	9.00E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.34E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.09E-08	0.02	1.04E-07	3.14E-08	6.18E-08	4.10E-04	5.28E-05
293	Flea Market	678574.6	4862819.4		1.41E-07	1.71E-03	5.98E-04	3.31E-03	6.62E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.72E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.27E-08	0.02	7.68E-08	2.31E-08	4.55E-08	4.10E-04	5.27E-05
294	Equestrian Centre	680030.8	4867320.2		8.07E-08	1.71E-03	5.97E-04	3.30E-03	3.78E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.84E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.30E-08	0.02	4.39E-08	1.32E-08	2.60E-08	4.10E-04	5.27E-05
295	Courtice Community Complex	678099.3	4864629.8		8.93E-08	1.71E-03	5.97E-04	3.30E-03	4.19E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.09E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.44E-08	0.02	4.85E-08	1.46E-08	2.87E-08	4.10E-04	5.27E-05
296	Former Restaurant	679830.2	4860702.2		2.50E-07	1.71E-03	6.00E-04	3.33E-03	1.17E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.05E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.03E-08	0.02	1.36E-07	4.09E-08	8.06E-08	4.10E-04	5.28E-05
297	Commercial	679364.8	4861016.0		3.36E-07	1.71E-03	6.02E-04	3.34E-03	1.57E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.09E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.40E-08	0.02	1.82E-07	5.49E-08	1.08E-07	4.10E-04	5.28E-05
298	GM Oshawa Headquarters	676418.3	486046																								



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Chromium (hexavalent)	Chromium (and compounds)	Cobalt	Lead (Pb)	(Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	(As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05		8.24E-03	0.02	8.45E-05	2.13E-06	2.13E-06	7.18E-06	2.16E-06	4.25E-06
319	Soper 7	685683.2	4867148.1		1.27E-07	1.71E-03	5.98E-04	3.31E-03	5.96E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.55E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.05E-08	0.02	6.91E-08	2.08E-08	4.10E-08	4.10E-04	5.27E-05
320	Soper 8	686748.7	4865874.7		1.29E-07	1.71E-03	5.98E-04	3.31E-03	6.04E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.57E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.07E-08	0.02	7.00E-08	2.11E-08	4.15E-08	4.10E-04	5.27E-05
321	Bowmanville 1	687026.3	4862368.4		1.41E-07	1.71E-03	5.98E-04	3.31E-03	6.61E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.72E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.27E-08	0.02	7.66E-08	2.31E-08	4.54E-08	4.10E-04	5.27E-05
322	Bowmanville 2	686625.7	4863020.3		1.36E-07	1.71E-03	5.98E-04	3.31E-03	6.36E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.65E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.18E-08	0.02	7.37E-08	2.22E-08	4.37E-08	4.10E-04	5.27E-05
323	Bowmanville 3	683380.3	4865365.9		1.86E-07	1.71E-03	5.99E-04	3.32E-03	8.71E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.27E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.99E-08	0.02	1.01E-07	3.04E-08	5.98E-08	4.10E-04	5.28E-05
324	Bowmanville 4	683111.4	4867150.3		1.09E-07	1.71E-03	5.98E-04	3.31E-03	5.11E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.33E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.75E-08	0.02	5.92E-08	1.78E-08	3.51E-08	4.10E-04	5.27E-05
325	Bowmanville 5	682452.2	4869417.5		7.18E-08	1.71E-03	5.97E-04	3.30E-03	3.36E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.75E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.15E-08	0.02	3.90E-08	1.17E-08	2.31E-08	4.10E-04	5.27E-05
326	Bowmanville 6	684778.5	4864888.2		1.62E-07	1.71E-03	5.99E-04	3.31E-03	7.57E-06	2.29E-03	0.05	3.45E-04	2.93E-03	1.97E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.60E-08	0.02	8.78E-08	2.64E-08	5.20E-08	4.10E-04	5.28E-05
327	Bowmanville 7	684549.5	4866404.4		1.44E-07	1.71E-03	5.98E-04	3.31E-03	6.74E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.75E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.31E-08	0.02	7.81E-08	2.35E-08	4.63E-08	4.10E-04	5.27E-05
328	Upper Tooley 1	679944.8	4864883.1		1.23E-07	1.71E-03	5.98E-04	3.31E-03	5.77E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.50E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.98E-08	0.02	6.68E-08	2.01E-08	3.96E-08	4.10E-04	5.27E-05
329	Upper Tooley 2	679055.1	4863885.8		1.33E-07	1.71E-03	5.98E-04	3.31E-03	6.22E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.62E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.14E-08	0.02	7.21E-08	2.17E-08	4.27E-08	4.10E-04	5.27E-05
330	Upper Tooley 3	679714.0	4862767.4		2.02E-07	1.71E-03	5.99E-04	3.32E-03	9.47E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.46E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.25E-08	0.02	1.10E-07	3.30E-08	6.50E-08	4.10E-04	5.28E-05
331	Upper Tooley 4	678898.8	4861800.6		2.60E-07	1.71E-03	6.00E-04	3.33E-03	1.22E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.17E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.19E-08	0.02	1.41E-07	4.25E-08	8.37E-08	4.10E-04	5.28E-05
332	Upper Tooley 5	680353.5	4862156.5		2.88E-07	1.71E-03	6.01E-04	3.33E-03	1.35E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.52E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.64E-08	0.02	1.57E-07	4.72E-08	9.29E-08	4.10E-04	5.28E-05
333	Upper Tooley 6	679818.1	4861625.7		2.34E-07	1.71E-03	6.00E-04	3.32E-03	1.10E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.85E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.76E-08	0.02	1.27E-07	3.82E-08	7.53E-08	4.10E-04	5.28E-05
334	Robinson 1	678434.8	4860943.1		4.10E-07	1.71E-03	6.03E-04	3.35E-03	1.92E-05	2.35E-03	0.05	3.48E-04	2.93E-03	4.99E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.59E-08	0.02	2.22E-07	6.70E-08	1.32E-07	4.11E-04	5.28E-05
335	Robinson 2	677752.6	4861240.6		2.86E-07	1.71E-03	6.01E-04	3.33E-03	1.34E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.48E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.60E-08	0.02	1.55E-07	4.67E-08	9.20E-08	4.10E-04	5.28E-05
336	Robinson 3	677642.2	4861787.2		2.22E-07	1.71E-03	6.00E-04	3.32E-03	1.04E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.71E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.58E-08	0.02	1.21E-07	3.63E-08	7.15E-08	4.10E-04	5.28E-05
337	Robinson 4	678532.7	4862143.6		2.17E-07	1.71E-03	6.00E-04	3.32E-03	1.02E-05	2.30E-03	0.05	3.45E-04	2.93E-03	2.64E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.49E-08	0.02	1.18E-07	3.55E-08	6.98E-08	4.10E-04	5.28E-05
338	Robinson 5	678005.1	4862784.9		1.55E-07	1.71E-03	5.98E-04	3.31E-03	7.25E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.89E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.49E-08	0.02	8.40E-08	2.53E-08	4.98E-08	4.10E-04	5.27E-05
339	Robinson 6	677882.7	4860587.7		3.29E-07	1.71E-03	6.02E-04	3.34E-03	1.54E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.01E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.29E-08	0.02	1.79E-07	5.38E-08	1.06E-07	4.10E-04	5.28E-05
340	F/B 1	677443.1	4867862.1		7.12E-08	1.71E-03	5.97E-04	3.30E-03	3.34E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.67E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.15E-08	0.02	3.87E-08	1.16E-08	2.29E-08	4.10E-04	5.27E-05
341	F/B 2	679667.4	4866611.4		9.05E-08	1.71E-03	5.97E-04	3.30E-03	4.24E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.10E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.46E-08	0.02	4.91E-08	1.48E-08	2.91E-08	4.10E-04	5.27E-05
342	F/B 3	678655.0	4867470.1		8.20E-08	1.71E-03	5.97E-04	3.30E-03	3.84E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.99E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.32E-08	0.02	4.45E-08	1.34E-08	2.64E-08	4.10E-04	5.27E-05
343	F/B 4	676191.2	4866844.7		6.62E-08	1.71E-03	5.97E-04	3.30E-03	3.10E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.07E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.07E-08	0.02	3.60E-08	1.08E-08	2.13E-08	4.10E-04	5.27E-05
344	F/B 5	678273.3	4866093.0		9.11E-08	1.71E-03	5.97E-04	3.30E-03	4.27E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.11E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.47E-08	0.02	4.95E-08	1.49E-08	2.93E-08	4.10E-04	5.27E-05
345	F/B 6	681241.2	4867098.8		9.71E-08	1.71E-03	5.97E-04	3.30E-03	4.55E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.18E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.56E-08	0.02	5.27E-08	1.59E-08	3.12E-08	4.10E-04	5.27E-05
346	F/B 7	682165.3	4868082.3		8.23E-08	1.71E-03	5.97E-04	3.30E-03	3.86E-06	2.26E-03	0.05	3.44E-04	2.93E-03	1.00E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.33E-08	0.02	4.47E-08	1.35E-08	2.65E-08	4.10E-04	5.27E-05
347	F/B 8	679366.6	4868628.3		7.12E-08	1.71E-03	5.97E-04	3.30E-03	3.34E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.67E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.15E-08	0.02	3.87E-08	1.16E-08	2.29E-08	4.10E-04	5.27E-05
348	F/B 9	680310.1	4869967.1		6.23E-08	1.71E-03	5.97E-04	3.30E-03	2.92E-06	2.26E-03	0.05	3.44E-04	2.93E-03	7.59E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.00E-08	0.02	3.38E-08	1.02E-08	2.00E-08	4.10E-04	5.27E-05
349	F/B 10	676487.3	4869291.6		6.69E-08	1.71E-03	5.97E-04	3.30E-03	3.14E-06	2.26E-03	0.05	3.44E-04	2.93E-03	8.16E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.08E-08	0.02	3.64E-08	1.09E-08	2.15E-08	4.10E-04	5.27E-05
350	F/B 11	676851.4	4865409.3		7.74E-08	1.71E-03	5.97E-04	3.30E-03	3.63E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.44E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.25E-08	0.02	4.21E-08	1.27E-08	2.49E-08	4.10E-04	5.27E-05
351	F/B 12	681153.3	4868682.2		7.90E-08	1.71E-03	5.97E-04	3.30E-03	3.70E-06	2.26E-03	0.05	3.44															



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Chromium (hexavalent)	Chromium (and compounds)	Cobalt	Lead (Pb)	(Hg) - Vapour/particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	(As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.32E-05	9.29E-05	2.39E-04	2.07E-03	6.20E-04	3.60E-03	1.90E-03	1.38E-04	1.98E-05	1.61E-03	7.27E-04	4.80E-05		8.24E-03	0.02	8.45E-05	2.13E-06	2.13E-06	7.18E-06	2.16E-06	4.25E-06
		(m)	(m)		1.38E-07	1.71E-03	5.98E-04	3.31E-03	6.48E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.68E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.22E-08	0.02	7.51E-08	2.26E-08	4.45E-08	4.10E-04	5.27E-05
372	Westside 1	686082.6	4862776.6		1.38E-07	1.71E-03	5.98E-04	3.31E-03	6.48E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.68E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	2.22E-08	0.02	7.51E-08	2.26E-08	4.45E-08	4.10E-04	5.27E-05
373	Westside 2	685778.7	4862137.9		1.71E-07	1.71E-03	5.99E-04	3.32E-03	8.01E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.08E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.75E-08	0.02	9.28E-08	2.80E-08	5.50E-08	4.10E-04	5.28E-05
374	Westside 3	685084.2	4862827.4		1.79E-07	1.71E-03	5.99E-04	3.32E-03	8.41E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.19E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.89E-08	0.02	9.74E-08	2.93E-08	5.77E-08	4.10E-04	5.28E-05
375	Darlington 1	680977.5	4865674.4		1.20E-07	1.71E-03	5.98E-04	3.31E-03	5.63E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.46E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.93E-08	0.02	6.52E-08	1.96E-08	3.86E-08	4.10E-04	5.27E-05
376	Darlington 2	680913.9	4863967.1		1.70E-07	1.71E-03	5.99E-04	3.31E-03	7.95E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.07E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.73E-08	0.02	9.21E-08	2.77E-08	5.46E-08	4.10E-04	5.28E-05
377	Darlington 3	682602.8	4863659.6		2.83E-07	1.71E-03	6.01E-04	3.33E-03	1.33E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.45E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.56E-08	0.02	1.54E-07	4.63E-08	9.11E-08	4.10E-04	5.28E-05
378	Darlington 4	682206.4	4862910.4		3.51E-07	1.71E-03	6.02E-04	3.34E-03	1.65E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.28E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.65E-08	0.02	1.91E-07	5.75E-08	1.13E-07	4.10E-04	5.28E-05
379	Darlington 5	683223.2	4861114.0		3.78E-07	1.71E-03	6.02E-04	3.35E-03	1.77E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.61E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.08E-08	0.02	2.05E-07	6.18E-08	1.22E-07	4.10E-04	5.28E-05
380	Darlington 6	683947.7	4862362.0		2.48E-07	1.71E-03	6.00E-04	3.33E-03	1.16E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.03E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.00E-08	0.02	1.35E-07	4.06E-08	7.99E-08	4.10E-04	5.28E-05
381	Darlington 7	685361.9	4861143.4		2.14E-07	1.71E-03	6.00E-04	3.32E-03	1.00E-05	2.30E-03	0.05	3.45E-04	2.93E-03	2.61E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.45E-08	0.02	1.16E-07	3.51E-08	6.90E-08	4.10E-04	5.28E-05
382	Bennett ECO/HH	688606.4	4862634.8		1.24E-07	1.71E-03	5.98E-04	3.31E-03	5.80E-06	2.28E-03	0.05	3.45E-04	2.93E-03	1.51E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.99E-08	0.02	6.72E-08	2.02E-08	3.98E-08	4.10E-04	5.27E-05
383	Oshawa ECO/HH	673884.9	4859128.9		1.12E-07	1.71E-03	5.98E-04	3.31E-03	5.25E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.37E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.80E-08	0.02	6.09E-08	1.83E-08	3.61E-08	4.10E-04	5.27E-05
384	Oshawa Creek 1	671671.2	4862793.7		9.69E-08	1.71E-03	5.97E-04	3.30E-03	4.54E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.18E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.56E-08	0.02	5.26E-08	1.58E-08	3.12E-08	4.10E-04	5.27E-05
385	Oshawa Creek 2	671668.5	4861589.5		7.76E-08	1.71E-03	5.97E-04	3.30E-03	3.64E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.45E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.25E-08	0.02	4.21E-08	1.27E-08	2.50E-08	4.10E-04	5.27E-05
386	Oshawa Creek 3	672820.2	4861287.2		8.51E-08	1.71E-03	5.97E-04	3.30E-03	3.99E-06	2.26E-03	0.05	3.44E-04	2.93E-03	1.04E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.37E-08	0.02	4.62E-08	1.39E-08	2.74E-08	4.10E-04	5.27E-05
387	Oshawa Creek 4	672360.3	4860262.6		7.62E-08	1.71E-03	5.97E-04	3.30E-03	3.57E-06	2.26E-03	0.05	3.44E-04	2.93E-03	9.28E-06	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.23E-08	0.02	4.14E-08	1.25E-08	2.45E-08	4.10E-04	5.27E-05
388	Oshawa Creek 5	673921.2	4860115.0		8.33E-08	1.71E-03	5.97E-04	3.30E-03	3.90E-06	2.26E-03	0.05	3.44E-04	2.93E-03	1.01E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.34E-08	0.02	4.52E-08	1.36E-08	2.68E-08	4.10E-04	5.27E-05
389	Oshawa Creek 6	673154.0	4859421.9		9.50E-08	1.71E-03	5.97E-04	3.30E-03	4.45E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.16E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.53E-08	0.02	5.16E-08	1.55E-08	3.06E-08	4.10E-04	5.27E-05
390	Farmer	677409.8	4861051.4		3.09E-07	1.71E-03	6.01E-04	3.34E-03	1.45E-05	2.33E-03	0.05	3.46E-04	2.93E-03	3.77E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.98E-08	0.02	1.68E-07	5.05E-08	9.95E-08	4.10E-04	5.28E-05
391	Commercial Market	688276.3	4864698.5		1.18E-07	1.71E-03	5.98E-04	3.31E-03	5.52E-06	2.27E-03	0.05	3.44E-04	2.93E-03	1.44E-05	2.93E-03	7.70E-04	0.03	0.11		4.66E-03	1.90E-08	0.02	6.40E-08	1.93E-08	3.79E-08	4.10E-04	5.27E-05



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	dimethylbenzo(a)anthracene	Fluoranthene				
							Updated Facility Contaminant Emission Rate (g/s)	5.59E-06	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06
							Background Concentration (ug/m3)	9.44E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	1.87E-08	5.63E-05	2.25E-04	4.51E-04
1	Campground 10	678526.8	4859996.8		9.44E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	1.87E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
2	ECO 2	675490.4	4860360.1		5.76E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.14E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
3	Recreational 5	681642.0	4860349.3		1.44E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.86E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
4	ECO 4	676831.5	4859840.9		8.01E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.59E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
5	Bow. Valley Cons. 3	685767.2	4863879.0		6.08E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.20E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
6	ECO 6	679647.8	4859989.3		6.58E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.30E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
7	ECO 7	681578.8	4862070.1		1.98E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.92E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
8	ECO 8	679735.5	4861048.6		1.39E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.76E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
9	ECO 9	687219.7	4864249.3		5.13E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.02E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
10	ECO 10	686519.0	4861987.6		7.47E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.48E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
11	ECO 11	679870.4	4859737.9		3.85E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.64E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
12	Recreational 4	681575.5	4860557.7		1.37E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.72E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
13	Future Industrial 9	680704.5	4859857.8		7.97E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.58E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
14	Future Industrial 10	680608.0	4860719.6		6.92E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.37E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
15	Harmony Creek	673992.4	4865641.4		2.86E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.66E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
16	Farewell Creek	678079.2	4868822.7		2.96E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.86E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
17	Farmer	681378.6	4860335.0		1.28E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.55E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
18	Watson Farm	682883.4	4864219.7		1.01E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.99E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
19	Racanski Farm	678929.2	4865530.2		4.52E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	8.95E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
20	Zoo	687216.8	4864835.3		5.19E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.03E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
21	Cedar Crest Beach	686652.1	4861660.9		8.90E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.76E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
22	Darlington Prov Park Beach	677844.6	4859718.2		6.96E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.38E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
23	OPG 1	682258.1	4860045.0		1.29E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.55E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
24	OPG 2	682551.4	4859889.1		1.30E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.58E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
25	OPG 3	682824.6	4859759.3		1.32E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.62E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
26	OPG 4	683021.6	4859937.3		1.37E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.71E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
27	OPG 5	683318.2	4859677.8		1.17E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.32E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
28	OPG 6	683306.9	4860023.0		1.35E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.67E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
29	OPG 7	683718.6	4859915.8		1.21E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.40E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
30	OPG 8	682702.0	4859998.6		1.33E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.64E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
31	OPG 9	684347.7	4861184.6		1.11E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.19E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
32	OPG 10	682157.2	4861228.2		1.47E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.91E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
33	St. Mary's 1	684557.0	4861070.0		1.15E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1										

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	dimethylbenzo(a)anthracene	Fluoranthene						
							5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06			
							Background Concentration (ug/m3)																										
54	Bow. Subdivision 9	684777.3	4863330.5		7.61E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.51E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
55	Bow. Subdivision 10	685266.0	4863243.1		7.31E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.45E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
56	Osh/Court Subdivision 1	677396.8	4860977.3		1.32E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.61E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
57	Osh/Court Subdivision 2	676633.5	4860816.8		9.10E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.80E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
58	Osh/Court Subdivision 3	676916.0	4861925.0		8.01E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.59E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
59	Osh/Court Subdivision 4	676730.5	4861317.1		1.06E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.09E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
60	Osh/Court Subdivision 5	676087.2	4861392.3		8.81E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.75E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
61	Osh/Court Subdivision 6	676177.1	4861722.2		8.02E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.59E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
62	Osh/Court Subdivision 7	675670.7	4861783.2		7.25E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.44E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
63	Osh/Court Subdivision 8	676050.8	4862055.7		7.27E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.44E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
64	Osh/Court Subdivision 9	676636.9	4862134.3		7.46E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.48E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
65	Osh/Court Subdivision 10	676571.3	4861634.8		8.59E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.70E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
66	Bow. Subdivision 11	684649.2	4863182.7		8.03E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.59E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
67	Daycare B	685172.4	4863933.1		6.74E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.33E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
68	Daycare C	685452.0	4863104.4		7.18E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.42E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
69	Daycare D	685527.7	4864693.3		6.74E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.34E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
70	Daycare E	685735.4	4864790.8		6.56E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.30E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
71	Daycare F	685520.3	4864854.3		6.68E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.32E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
72	Daycare G	685441.9	4864878.0		6.69E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.33E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
73	Daycare H	686364.8	4864707.8		5.83E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.15E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
74	Daycare I	685721.6	4865127.3		6.39E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.27E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
75	Daycare J	678256.3	4863565.4		4.69E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.30E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
76	Daycare K	677694.1	4864043.7		3.99E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.90E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
77	Daycare L	676479.5	4862526.2		6.16E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.22E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
78	Daycare M	678320.9	4864763.5		3.98E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.89E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
79	Daycare N	678513.4	4865058.0		4.26E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	8.43E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
80	Daycare O	672788.7	4863936.6		3.20E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.34E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
81	Daycare P	673952.8	4863592.5		3.55E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	7.04E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
82	Daycare Q	671751.8	4864887.7		2.79E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.53E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
83	Daycare R	685714.4	4864667.4		6.65E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.32E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
84	Daycare S	684177.9	4863618.2		8.47E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.68E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-						

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	dimethylbenzo(a)anthracene	Fluoranthene				
							5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06		
							Background Concentration (ug/m3)																								
107	Daycare PP	674794.5	4864915.4		3.28E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.50E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
108	Hospital	686324.2	4864395.8		5.88E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.16E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
109	Hospital (Children  s)	676057.8	4862180.9		7.23E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.43E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
110	Hospital	671233.2	4863615.9		3.66E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	7.25E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
111	Comm. Resp. Services	676045.4	4863902.5		3.95E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.83E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
112	Hospital	671712.7	4862364.1		4.02E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.97E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
113	Retirement Residence A	684199.9	4864120.3		7.90E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.56E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
114	Retirement Residence B	685483.9	4865150.9		6.47E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.28E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
115	Retirement Residence C	686844.0	4864732.1		5.51E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.09E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
116	Retirement Residence D	673481.7	4863343.4		3.66E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	7.25E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
117	Retirement Residence E	671825.2	4864399.0		2.90E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.75E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
118	Retirement Residence F	671606.3	4864536.0		2.86E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.67E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
119	Retirement Residence G	671357.1	4862958.7		4.00E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.93E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
120	Retirement Residence H	671514.0	4862262.9		3.89E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.70E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
121	Retirement Residence I	672602.2	4863075.9		4.04E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	8.00E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
122	Retirement Residence J	671719.1	4862893.1		4.08E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	8.09E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
123	Retirement Residence K	686718.0	4865648.7		5.57E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.10E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
124	Retirement Residence L	676168.7	4865669.9		3.02E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.99E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
125	Retirement Residence M	676118.5	4863980.7		3.80E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.53E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
126	Bow. Subdivision 12	684649.2	4863182.7		8.03E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.59E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
127	Primary School B	685384.8	4863575.3		6.68E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.32E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
128	Primary School C	685021.6	4863952.9		7.02E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.39E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
129	Primary School D	686237.0	4864085.5		5.76E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.14E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
130	Primary School E	686719.0	4863734.7		5.71E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.13E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
131	Primary School F	686357.0	4864754.9		5.82E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.15E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
132	Primary School G	685502.0	4865013.4		6.58E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.30E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
133	Primary School H	686726.7	4866061.5		5.43E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.08E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
134	Primary School I	685186.2	4866568.2		5.84E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.16E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
135	Primary School J	685965.3	4866979.0		5.16E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.02E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
136	Primary School K	677709.9	4864726.5		3.39E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.72E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
137	Primary School L	675988.3	4864270.2		3.61E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	7.15E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04				
138																															



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	dimethylbenzo(a)anthracene	Fluoranthene				
							Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06
							(m)	(m)	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.63E-05	2.25E-04	4.51E-04	1.13E-04
160	Primary School II	672616.7	4862114.9	4.44E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	8.79E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
161	Primary School JJ	673567.2	4861899.5	4.85E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.62E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
162	Primary School KK	671791.0	4861954.2	3.80E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.53E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
163	Primary School LL	673762.3	4864210.6	3.33E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.61E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
164	Primary School MM	672238.8	4864621.3	2.88E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.71E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
165	Primary School NN	673213.6	4858677.0	3.51E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.95E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
166	Primary School OO	675474.8	4863221.7	4.59E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.09E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
167	Primary School PP	672441.8	4858748.6	3.37E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.68E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
168	Primary School QQ	672796.8	4864438.2	3.00E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.94E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
169	Primary School RR	671351.4	4863284.0	3.86E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.66E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
170	Primary School SS	673213.9	4862125.5	4.71E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.34E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
171	Primary School TT	671017.9	4860953.7	3.04E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.03E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
172	Primary School UU	670991.0	4861089.8	2.98E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.91E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
173	Primary School VV	674150.1	4862294.8	5.30E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.05E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
174	Primary School WW	672005.2	4861707.9	3.68E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	7.29E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
175	Primary School XX	684172.1	4863615.6	8.49E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.68E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
176	Primary School YY	683923.3	4866636.4	6.22E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.23E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
177	Primary School ZZ	680446.0	4865770.5	4.66E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.23E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
178	Vacant School	685612.9	4864520.0	6.57E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.30E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
179	Secondary School A	686291.4	4865064.3	5.83E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.15E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
180	Secondary School B	683875.0	4864741.7	8.01E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.59E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
181	Secondary School C	684650.3	4866460.3	6.04E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.20E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
182	Secondary School D	678099.5	4864838.2	3.74E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	7.41E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
183	Secondary School E	678467.0	4863431.2	4.92E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.75E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
184	Secondary School F	674144.9	4862762.7	4.42E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	8.75E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
185	Secondary School G	673816.0	4864357.1	3.33E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.59E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
186	Secondary School H	673145.4	4858569.0	3.39E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.72E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
187	Secondary School I	671291.7	4863581.3	3.72E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	7.38E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
188	Secondary School J	671443.2	4861664.9	3.23E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.40E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
189	Secondary School K	673235.3	4860885.0	3.48E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.90E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
190	Secondary School L	684252.7	4866500.5	6.24E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.24E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
191	Secondary School M	673914.1	4859515.7	4.39E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	8.70E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
192	Secondary School N	675051.5	4864177.2	3.84E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.61E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
193	Adult School	685276.1	4866019.8	5.73E-08	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05																	

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	dimethylbenzo(a)anthracene	Fluoranthene						
							5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06			
							Background Concentration (ug/m3)																										
213	Port Darlington 5	686406.8	4861448.7		9.08E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.80E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
214	Port Darlington 6	686504.5	4861604.0		8.99E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.78E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
215	Port Darlington 7	686703.0	4861789.3		8.42E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.67E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
216	Port Darlington 8	686895.8	4861960.2		7.68E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.52E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
217	Port Darlington 9	686867.4	4862119.7		7.05E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.40E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
218	Port Darlington 10	687190.7	4862048.8		7.04E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.39E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
219	Port Darlington 11	687524.4	4862126.8		6.78E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.34E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
220	Campground 1	678646.3	4860337.7		1.62E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	3.20E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
221	Campground 2	678410.2	4860148.6		1.14E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.27E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
222	Campground 3	678651.0	4860054.4		1.05E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.08E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
223	Campground 4	678725.9	4859860.7		9.88E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.96E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
224	Campground 5	678511.1	4859808.6		8.78E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.74E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
225	Campground 6	678869.5	4859696.0		8.65E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.71E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
226	Campground 7	678723.9	4860201.8		1.34E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.66E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
227	Campground 8	678796.0	4860011.4		1.04E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.06E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
228	Campground 9	678852.7	4859854.2		1.01E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.00E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
229	Solina 1	681099.6	4861677.2		1.59E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.16E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
230	Solina 2	681115.7	4861857.7		1.56E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.09E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
231	Solina 3	680987.4	4861983.5		1.28E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.53E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
232	Solina 4	680965.0	4862068.1		1.22E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.42E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
233	Solina 5	681021.5	4862086.7		1.26E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.49E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
234	Solina 6	680939.8	4862124.3		1.18E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.34E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
235	Solina 7	680988.2	4862183.6		1.19E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.37E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
236	Solina 8	680984.6	4862209.8		1.18E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.34E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
237	Solina 9	680958.6	4862294.9		1.14E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.27E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
238	Solina 10	680858.0	4862324.3		1.10E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.19E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
239	Solina 11	680990.3	4862403.5		1.13E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.23E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
240	Recreational 1	681545.0	4860865.0		1.24E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.46E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
241	Recreational 2	681563.7	4860687.4		1.26E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.50E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
242	Recreational 3	681579.7	4860610.0		1.33E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.63E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
243	Recreational 6	681876.6	4860254.4		1.42E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.82E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04							

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	dimethylbenzo(a)anthracene	Fluoranthene						
							5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06			
							Background Concentration (ug/m3)																										
266	Future Industrial 8	680398.0	4860731.8		5.88E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.16E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
267	Future Industrial 1	680359.6	4859959.2		3.95E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.82E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
268	Future Industrial 2	680083.7	4859985.7		4.13E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	8.18E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
269	Future Industrial 3	680819.9	4860705.3		7.05E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.40E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
270	Future Industrial 4	681070.0	4859937.2		1.68E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.33E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
271	Future Industrial 5	679898.8	4860067.4		5.12E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.01E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
272	Future Industrial 6	680134.8	4860694.1		7.06E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.40E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
273	Future Industrial 11	680253.7	4860255.2		4.71E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.33E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
274	Future Industrial 12	679901.2	4860511.8		9.99E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.98E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
275	Commercial Farmer	679867.8	4860445.4		1.07E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.12E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
276	Farmer	679277.0	4859981.5		9.13E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.81E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
277	Residence	679387.2	4860648.9		1.75E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.47E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
278	Barn	679261.9	4860574.2		1.88E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.72E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
279	Residence	680150.7	4861295.7		1.09E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.16E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
280	Residence	679939.8	4861213.4		1.20E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.37E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
281	Farmer	680855.7	4861456.9		1.31E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.60E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
282	Farmer	681386.2	4861673.3		1.97E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.91E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
283	Residence	680683.5	4861597.9		1.17E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.13E-04	2.32E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04					
284	Business	680064.3	4861343.7		1.11E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.20E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
285	Farmer	679680.1	4861213.5		1.33E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.64E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
286	Farmer	681344.8	4861792.9		1.88E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.73E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
287	Youth Centre	685644.2	4864814.8		6.63E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.31E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
288	Bowmanville Arena	685462.9	4864615.2		6.71E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.33E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
289	Bowmanville Rec Complex	684160.3	4864604.5		7.51E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.49E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
290	Recreation Complex	684586.6	4862406.3		8.20E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.62E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
291	Superdog Central	681487.7	4865723.3		4.73E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.37E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
292	Equestrian Centre	681567.1	4863670.7		8.12E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.61E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
293	Flea Market	678574.6	4862819.4		5.97E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.18E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
294	Equestrian Centre	680030.8	4867320.2		3.41E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.76E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
295	Courtice Community Complex	678099.3	4864629.8		3.77E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.48E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
296	Former Restaurant	679830.2	4860702.2		1.06E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.10E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	dimethylbenzo(a)anthracene	Fluoranthene						
							5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-06			
							Background Concentration (ug/m3)																										
319	Soper 7	685683.2	4867148.1		5.38E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.07E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
320	Soper 8	686748.7	4865874.7		5.44E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.08E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
321	Bowmanville 1	687026.3	4862368.4		5.96E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.18E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
322	Bowmanville 2	686625.7	4863020.3		5.73E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.14E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
323	Bowmanville 3	683380.3	4865365.9		7.86E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.56E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
324	Bowmanville 4	683111.4	4867150.3		4.61E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.13E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
325	Bowmanville 5	682452.2	4869417.5		3.03E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.01E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
326	Bowmanville 6	684778.5	4864888.2		6.83E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.35E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
327	Bowmanville 7	684549.5	4866404.4		6.08E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.20E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
328	Upper Tooley 1	679944.8	4864883.1		5.20E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.03E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
329	Upper Tooley 2	679055.1	4863885.8		5.61E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.11E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
330	Upper Tooley 3	679714.0	4862767.4		8.54E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.69E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
331	Upper Tooley 4	678898.8	4861800.6		1.10E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.18E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
332	Upper Tooley 5	680353.5	4862156.5		1.22E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.42E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
333	Upper Tooley 6	679818.1	4861625.7		9.89E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.96E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
334	Robinson 1	678434.8	4860943.1		1.73E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.43E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
335	Robinson 2	677752.6	4861240.6		1.21E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.39E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
336	Robinson 3	677642.2	4861787.2		9.40E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.86E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
337	Robinson 4	678532.7	4862143.6		9.17E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.82E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
338	Robinson 5	678005.1	4862784.9		6.54E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.30E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
339	Robinson 6	677882.7	4860587.7		1.39E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.75E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
340	F/B 1	677443.1	4867862.1		3.01E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.96E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
341	F/B 2	679667.4	4866611.4		3.82E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.58E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
342	F/B 3	678655.0	4867470.1		3.46E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.86E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
343	F/B 4	676191.2	4866844.7		2.80E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.55E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
344	F/B 5	678273.3	4866093.0		3.85E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.63E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
345	F/B 6	681241.2	4867098.8		4.10E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	8.13E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
346	F/B 7	682165.3	4868082.3		3.48E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.90E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
347	F/B 8	679366.6	4868628.3		3.01E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.96E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
348	F/B 9	680310.1	4869967.1		2.63E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.21E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04						
349	F/B 10	676487.3	4869291.6		2.83E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	5.61E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04							



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	dimethylbenzo(a)anthracene	Fluoranthene
							5.99E-07	7.68E-07	1.68E-07	6.20E-08	1.58E-07	4.17E-08	1.14E-06	7.81E-07	1.71E-06	1.42E-07	3.60E-07	1.23E-04	0.00E+00	1.56E-07	0.00E+00	1.11E-06	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	5.59E-06		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.16E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
				Background Concentration (ug/m3)			1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.16E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
372	Westside 1	686082.6	4862776.6		5.84E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.16E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
373	Westside 2	685778.7	4862137.9		7.23E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.43E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
374	Westside 3	685084.2	4862827.4		7.58E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.50E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
375	Darlington 1	680977.5	4865674.4		5.07E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.01E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
376	Darlington 2	680913.9	4863967.1		7.17E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.42E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
377	Darlington 3	682602.8	4863659.6		1.20E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.37E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
378	Darlington 4	682206.4	4862910.4		1.49E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.94E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
379	Darlington 5	683223.2	4861114.0		1.60E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.17E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
380	Darlington 6	683947.7	4862362.0		1.05E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.08E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
381	Darlington 7	685361.9	4861143.4		9.06E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.80E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
382	Bennett ECO/HH	688606.4	4862634.8		5.23E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.04E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
383	Oshawa ECO/HH	673884.9	4859128.9		4.74E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.39E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
384	Oshawa Creek 1	671671.2	4862793.7		4.09E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	8.11E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
385	Oshawa Creek 2	671668.5	4861589.5		3.28E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.50E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
386	Oshawa Creek 3	672820.2	4861287.2		3.60E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	7.13E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
387	Oshawa Creek 4	672360.3	4860262.6		3.22E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.38E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
388	Oshawa Creek 5	673921.2	4860115.0		3.52E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	6.97E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
389	Oshawa Creek 6	673154.0	4859421.9		4.02E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	7.96E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
390	Farmer	677409.8	4861051.4		1.31E-07		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.59E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04
391	Commercial Market	688276.3	4864698.5		4.98E-08		1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	9.87E-09	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthralene	2-methylanthralene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	
					Updated Facility Contaminant Emission Rate (g/s)	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05	0.00E+00	3.38E-06	0.00E+00		0.00E+00	2.99E-08	0.00E+00	0.00E+00
					Background Concentration (ug/m3)	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04		1.13E-04	1.13E-04	1.13E-04	1.13E-04
1	Campground 10	678526.8	4859996.8		2.18E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
2	ECO 2	675490.4	4860360.1		1.33E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
3	Recreational 5	681642.0	4860349.3		3.34E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
4	ECO 4	676831.5	4859840.9		1.85E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
5	Bow. Valley Cons. 3	685767.2	4863879.0		1.41E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
6	ECO 6	679647.8	4859989.3		1.52E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
7	ECO 7	681578.8	4862070.1		4.58E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
8	ECO 8	679735.5	4861048.6		3.22E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
9	ECO 9	687219.7	4864249.3		1.19E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
10	ECO 10	686519.0	4861987.6		1.73E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
11	ECO 11	679870.4	4859737.9		8.92E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
12	Recreational 4	681575.5	4860557.7		3.17E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
13	Future Industrial 9	680704.5	4859857.8		1.84E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
14	Future Industrial 10	680608.0	4860719.6		1.60E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
15	Harmony Creek	673992.4	4865641.4		6.61E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
16	Farewell Creek	678079.2	4868822.7		6.84E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
17	Farmer	681378.6	4860335.0		2.97E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
18	Watson Farm	682883.4	4864219.7		2.33E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
19	Racanski Farm	678929.2	4865530.2		1.05E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
20	Zoo	687216.8	4864835.3		1.20E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
21	Cedar Crest Beach	686652.1	4861660.9		2.06E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
22	Darlington Prov Park Beach	677844.6	4859718.2		1.61E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
23	OPG 1	682258.1	4860045.0		2.98E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
24	OPG 2	682551.4	4859889.1		3.01E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
25	OPG 3	682824.6	4859759.3		3.06E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
26	OPG 4	683021.6	4859937.3		3.17E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
27	OPG 5	683318.2	4859677.8		2.71E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
28	OPG 6	683306.9	4860023.0		3.12E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
29	OPG 7	683718.6	4859915.8		2.80E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
30	OPG 8	682702.0	4859998.6		3.08E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
31	OPG 9	684347.7	4861184.6		2.56E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
32	OPG 10	682157.2	4861228.2		3.39E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
33	St. Mary's 1	684557.0	4861070.0		2.66E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
34	St. Mary's 2	684657.3	4861320.8		2.33E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
35	St. Mary's 3	684905.3	4861154.4		2.30E-08	5.																						

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthralene	2-methylanthralene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	
					Updated Facility Contaminant Emission Rate (g/s)	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05	0.00E+00	3.38E-06	0.00E+00		0.00E+00	2.99E-08	0.00E+00	0.00E+00
					Background Concentration (ug/m3)	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04		1.13E-04	1.13E-04	1.13E-04	1.13E-04
54	Bow. Subdivision 9	684777.3	4863330.5		1.76E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
55	Bow. Subdivision 10	685266.0	4863243.1		1.69E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
56	Osh/Court Subdivision 1	677396.8	4860977.3		3.05E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
57	Osh/Court Subdivision 2	676633.5	4860816.8		2.11E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
58	Osh/Court Subdivision 3	676916.0	4861925.0		1.85E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
59	Osh/Court Subdivision 4	676730.5	4861317.1		2.44E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
60	Osh/Court Subdivision 5	676087.2	4861392.3		2.04E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
61	Osh/Court Subdivision 6	676177.1	4861722.2		1.86E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
62	Osh/Court Subdivision 7	675670.7	4861783.2		1.68E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
63	Osh/Court Subdivision 8	676050.8	4862055.7		1.68E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
64	Osh/Court Subdivision 9	676636.9	4862134.3		1.73E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
65	Osh/Court Subdivision 10	676571.3	4861634.8		1.99E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
66	Bow. Subdivision 11	684649.2	486182.7		1.86E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
67	Daycare B	685172.4	4863933.1		1.56E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
68	Daycare C	685452.0	4863104.4		1.66E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
69	Daycare D	685527.7	4864693.3		1.56E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
70	Daycare E	685735.4	4864790.8		1.52E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
71	Daycare F	685520.3	4864854.3		1.55E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
72	Daycare G	685441.9	4864878.0		1.55E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
73	Daycare H	686364.8	4864707.8		1.35E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
74	Daycare I	685721.6	4865127.3		1.48E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
75	Daycare J	678256.3	4863565.4		1.09E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
76	Daycare K	677694.1	4864043.7		9.22E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
77	Daycare L	676479.5	4862526.2		1.43E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
78	Daycare M	678320.9	4864763.5		9.21E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
79	Daycare N	678513.4	4865058.0		9.85E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
80	Daycare O	672788.7	4863936.6		7.41E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
81	Daycare P	673952.8	4863592.5		8.22E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
82	Daycare Q	671751.8	4864887.7		6.46E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
83	Daycare R	685714.4	4864667.4		1.54E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
84	Daycare S	684177.9	4863618.2		1.96E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
85	Daycare T	678423.6	4864480.4		9.67E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
86	Daycare U	685330.5	4863435.1		1.60E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
87	Daycare V	685153.2	4863236.9		1.72E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	
88	Daycare W	672679.0	4862044																									

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthralene	2-methylanthralene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05	0.00E+00	3.38E-06		0.00E+00	0.00E+00	2.99E-08
		(m)	(m)			5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
107	Daycare PP	674794.5	4864915.4		7.59E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
108	Hospital	686324.2	4864395.8		1.36E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
109	Hospital (Children  s)	676057.8	4862180.9		1.67E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
110	Hospital	671233.2	4863615.9		8.46E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
111	Comm. Resp. Services	676045.4	4863902.5		9.14E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
112	Hospital	671712.7	4862364.1		9.31E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
113	Retirement Residence A	684199.9	4864120.3		1.83E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
114	Retirement Residence B	685483.9	4862958.7		1.50E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
115	Retirement Residence C	686844.0	4864732.1		1.27E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
116	Retirement Residence D	673481.7	4863343.4		8.47E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
117	Retirement Residence E	671825.2	4864399.0		6.71E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
118	Retirement Residence F	671606.3	4864536.0		6.62E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
119	Retirement Residence G	671357.1	4862958.7		9.26E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
120	Retirement Residence H	671514.0	4862262.9		8.99E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
121	Retirement Residence I	672602.2	4863075.9		9.34E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
122	Retirement Residence J	671719.1	4862893.1		9.45E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
123	Retirement Residence K	686718.0	4865648.7		1.29E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
124	Retirement Residence L	676168.7	4865669.9		7.00E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
125	Retirement Residence M	676118.5	4863980.7		8.79E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
126	Bow. Subdivision 12	684649.2	4863182.7		1.86E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
127	Primary School B	685384.8	4863575.3		1.55E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
128	Primary School C	685021.6	4863952.9		1.62E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
129	Primary School D	686237.0	4864085.5		1.33E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
130	Primary School E	686719.0	4863734.7		1.32E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
131	Primary School F	686357.0	4864754.9		1.35E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
132	Primary School G	685502.0	4865013.4		1.52E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
133	Primary School H	686726.7	4866061.5		1.26E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
134	Primary School I	685186.2	4866568.2		1.35E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
135	Primary School J	685965.3	4866979.0		1.19E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
136	Primary School K	677709.9	4864726.5		7.85E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
137	Primary School L	675988.3	4864270.2		8.35E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
138	Primary School M	676608.7	4862739.0		1.27E-08	5.63E-05	1.13E-04	2.25E-03	4.43E																		



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthralene	2-methylanthralene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein
					1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05	0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00
					Background Concentration (ug/m3)	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04		1.13E-04	1.13E-04	1.13E-04
160	Primary School II	672616.7	4862114.9		1.03E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
161	Primary School JJ	673567.2	4861899.5		1.12E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
162	Primary School KK	671791.0	4861954.2		8.80E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
163	Primary School LL	673762.3	4864210.6		7.71E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
164	Primary School MM	672238.8	4864621.3		6.67E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
165	Primary School NN	673213.6	4858677.0		8.12E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
166	Primary School OO	675474.8	4863221.7		1.06E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
167	Primary School PP	672441.8	4858748.6		7.81E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
168	Primary School QQ	672796.8	4864438.2		6.93E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
169	Primary School RR	671351.4	4863284.0		8.94E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
170	Primary School SS	673213.9	4862125.5		1.09E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
171	Primary School TT	671017.9	4860953.7		7.04E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
172	Primary School UU	670991.0	4861089.8		6.90E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
173	Primary School VV	674150.1	4862294.8		1.23E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
174	Primary School WW	672005.2	4861707.9		8.51E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
175	Primary School XX	684172.1	4863615.6		1.96E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
176	Primary School YY	683923.3	4866636.4		1.44E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
177	Primary School ZZ	680446.0	4865770.5		1.08E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
178	Vacant School	685612.9	4864520.0		1.52E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
179	Secondary School A	686291.4	4865064.3		1.35E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
180	Secondary School B	683875.0	4864741.7		1.85E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
181	Secondary School C	684650.3	4866460.3		1.40E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
182	Secondary School D	678099.5	4864838.2		8.65E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
183	Secondary School E	678467.0	4863431.2		1.14E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
184	Secondary School F	674144.9	4862762.7		1.02E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
185	Secondary School G	673816.0	4864357.1		7.70E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
186	Secondary School H	673145.4	4865869.0		7.85E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
187	Secondary School I	671291.7	4863581.3		8.61E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
188	Secondary School J	671443.2	4861664.9		7.47E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
189	Secondary School K	673235.3	4860885.0		8.05E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
190	Secondary School L	684252.7	4866500.5		1.44E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
191	Secondary School M	673914.1	4859551.7		1.02E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
192	Secondary School N	675051.5	4864177.2		8.89E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
193	Adult School	685276.1	4866019.8		1.33E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
194	Bow. Valley Cons. 1	685356.6	4864521.2		1.52E-08	5.63E																					



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein
					1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05	0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00
					(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	1.13E-04	1.13E-04		1.13E-04	1.13E-04	1.13E-04
266	Future Industrial 8	680398.0	4860731.8		1.36E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
267	Future Industrial 1	680359.6	4859959.2		9.13E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
268	Future Industrial 2	680083.7	4859985.7		9.56E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
269	Future Industrial 3	680819.9	4860705.3		1.63E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
270	Future Industrial 4	681070.0	4859937.2		3.89E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
271	Future Industrial 5	679988.8	4860067.4		1.18E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
272	Future Industrial 6	680134.8	4860694.1		1.63E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
273	Future Industrial 11	680253.7	4860255.2		1.09E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
274	Future Industrial 12	679901.2	4860511.8		2.31E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
275	Commercial Farmer	679867.8	4860445.4		2.47E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
276	Farmer	679277.0	4859981.5		2.11E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
277	Residence	679387.2	4860648.9		4.06E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
278	Barn	679261.9	4860574.2		4.34E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
279	Residence	680150.7	4861295.7		2.52E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
280	Residence	679939.8	4861213.4		2.77E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
281	Farmer	680855.7	4861456.9		3.04E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
282	Farmer	681386.2	4861673.3		4.57E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
283	Residence	680683.5	4861597.9		2.71E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
284	Business	680064.3	4861343.7		2.57E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
285	Farmer	679680.1	4861213.5		3.08E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
286	Farmer	681344.8	4861792.9		4.36E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
287	Youth Centre	685644.2	4864814.8		1.53E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
288	Bowmanville Arena	685462.9	4864615.2		1.55E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
289	Bowmanville Rec Complex	684160.3	4864604.5		1.74E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
290	Recreation Complex	684586.6	4862406.3		1.90E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
291	Superdog Central	681487.7	4865723.3		1.09E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
292	Equestrian Centre	681567.1	4863670.7		1.88E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
293	Flea Market	678574.6	4862819.4		1.38E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
294	Equestrian Centre	680030.8	4867320.2		7.90E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
295	Courtice Community Complex	678099.3	4864629.8		8.73E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
296	Former Restaurant	679830.2	4860702.2		2.45E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
297	Commercial	679364.8	4861016.0		3.28E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
298	GM Oshawa Headquarters	676418.3	4860463.7		1.81E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
299	Farm A?	682972.3	4862201.9		2.91E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
300	Farm B?	683546.9	4861959.7		2.58E-08	5.63E-05	1.13E-04																				





Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthralene	2-methylanthralene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein
					1.29E-06	3.11E-07	0.00E+00	0.00E+00	4.06E-06	2.25E-05	0.00E+00	0.00E+00	1.75E-05	6.24E-08	3.91E-06	0.00E+00	2.07E-06	0.00E+00	2.06E-05	0.00E+00	3.38E-06	0.00E+00	0.00E+00		2.99E-08	0.00E+00	0.00E+00
					(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.35E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04		0.00E+00	1.13E-04	1.13E-04
372	Westside 1	686082.6	4862776.6		1.35E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
373	Westside 2	685778.7	4862137.9		1.67E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
374	Westside 3	685084.2	4862827.4		1.75E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
375	Darlington 1	680977.5	4865674.4		1.17E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
376	Darlington 2	680913.9	4863967.1		1.66E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
377	Darlington 3	682602.8	4863659.6		2.77E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
378	Darlington 4	682206.4	4862910.4		3.44E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
379	Darlington 5	683223.2	4861114.0		3.70E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
380	Darlington 6	683947.7	4862362.0		2.43E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
381	Darlington 7	685361.9	4861143.4		2.10E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
382	Bennett ECO/HH	688606.4	4862634.8		1.21E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
383	Oshawa ECO/HH	673884.9	4859128.9		1.10E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
384	Oshawa Creek 1	671671.2	4862793.7		9.47E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
385	Oshawa Creek 2	671668.5	4861589.5		7.59E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
386	Oshawa Creek 3	672820.2	4861287.2		8.33E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
387	Oshawa Creek 4	672360.3	4860262.6		7.45E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
388	Oshawa Creek 5	673921.2	4860115.0		8.14E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
389	Oshawa Creek 6	673154.0	4859421.9		9.29E-09	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
390	Farmer	677409.8	4861051.4		3.02E-08	5.63E-05	1.13E-04	2.25E-03	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04
391	Commercial Market	688276.3	4864698.5		1.15E-08	5.63E-05	1.13E-04	2.25E-03	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Benzene	Bromodichloromethane	Bromoforane	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03
1	Campground 10	678526.8	4859996.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
2	ECO 2	675490.4	4860360.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
3	Recreational 5	681642.0	4860349.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
4	ECO 4	676831.5	4859840.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
5	Bow. Valley Cons. 3	685767.2	4863879.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
6	ECO 6	679647.8	4859989.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
7	ECO 7	681578.8	4862070.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
8	ECO 8	679735.5	4861048.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
9	ECO 9	687219.7	4864249.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
10	ECO 10	686519.0	4861987.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
11	ECO 11	679870.4	4859737.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
12	Recreational 4	681575.5	4860557.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
13	Future Industrial 9	680704.5	4859857.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
14	Future Industrial 10	680608.0	4860719.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
15	Harmony Creek	673992.4	4865641.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
16	Farewell Creek	678079.2	4868822.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
17	Farmer	681378.6	4860335.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
18	Watson Farm	682883.4	4864219.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
19	Racanski Farm	678929.2	4865530.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
20	Zoo	687216.8	4864835.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
21	Cedar Crest Beach	686652.1	4861660.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
22	Darlington Prov Park Beach	677844.6	4859718.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
23	OPG 1	682258.1	4860045.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
24	OPG 2	682551.4	4859889.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
25	OPG 3	682824.6	4859759.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
26	OPG 4	683021.6	4859937.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
27	OPG 5	683318.2	4859677.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
28	OPG 6	683306.9	4860023.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
29	OPG 7	683718.6	4859915.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
30	OPG 8	682702.0	4859998.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
31	OPG 9	684347.7	4861184.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
32	OPG 10	682157.2	4861228.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
33	St. Mary's 1	684557.0	4861070.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
34	St. Mary's 2	684657.3	4861320.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
35	St. Mary's 3	684905.3	4861154.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
36	Court. Subdivision 1	677328.4	4862976.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
37	Court. Subdivision 2	676187.9	4862611.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
38	Court. Subdivision 3	675974.8	4863484.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.4

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Benzene	Bromodichloromethane	Bromoforane	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene		
					Updated Facility Contaminant Emission Rate (g/s)	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03
					Background Concentration (ug/m3)	3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
54	Bow. Subdivision 9	684777.3	4863330.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
55	Bow. Subdivision 10	685266.0	4863243.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
56	Osh/Court Subdivision 1	677396.8	4860977.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
57	Osh/Court Subdivision 2	676633.5	4860816.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
58	Osh/Court Subdivision 3	676916.0	4861925.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
59	Osh/Court Subdivision 4	676730.5	4861317.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
60	Osh/Court Subdivision 5	676087.2	4861392.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
61	Osh/Court Subdivision 6	676177.1	4861722.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
62	Osh/Court Subdivision 7	675670.7	4861783.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
63	Osh/Court Subdivision 8	676050.8	4862055.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
64	Osh/Court Subdivision 9	676636.9	4862134.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
65	Osh/Court Subdivision 10	676571.3	4861634.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
66	Bow. Subdivision 11	684649.2	4864182.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
67	Daycare B	685172.4	4863933.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
68	Daycare C	685452.0	4863104.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
69	Daycare D	685527.7	4864693.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
70	Daycare E	685735.4	4864790.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
71	Daycare F	685520.3	4864854.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
72	Daycare G	685441.9	4864878.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
73	Daycare H	686364.8	4864707.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
74	Daycare I	685721.6	4865127.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
75	Daycare J	678256.3	4863565.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
76	Daycare K	677694.1	4864043.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
77	Daycare L	676479.5	4862526.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
78	Daycare M	678320.9	4864763.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
79	Daycare N	678513.4	4865058.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
80	Daycare O	672788.7	4863936.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
81	Daycare P	673952.8	4863592.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
82	Daycare Q	671751.8	4864887.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
83	Daycare R	685714.4	4864667.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
84	Daycare S	684177.9	4863618.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
85	Daycare T	678423.6	4864480.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
86	Daycare U	685330.5	4863435.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
87	Daycare V	685153.2	4863236.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
88	Daycare W	672679.0	4862044.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
89	Daycare X	672076.5	4865285.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
90	Daycare Y	672638.0	4859664.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
91	Daycare Z	673735.9	4858958.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
92	Daycare AA	673121.8	4863385.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
93	Daycare BB	673904.8	4862282.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
94	Daycare CC	671471.6	4861795.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
95	Daycare DD	673057.3	4862625.6		3.94	0.01																						

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Benzene	Bromodichloromethane	Bromoforane	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00
107	Daycare PP	674794.5	4864915.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
108	Hospital	686324.2	4864395.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
109	Hospital (Children  s)	676057.8	4862180.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
110	Hospital	671233.2	4863615.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
111	Comm. Resp. Services	676045.4	4863902.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
112	Hospital	671712.7	4862364.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
113	Retirement Residence A	684199.9	4864120.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
114	Retirement Residence B	685483.9	4865150.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
115	Retirement Residence C	686844.0	4864732.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
116	Retirement Residence D	673481.7	4863343.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
117	Retirement Residence E	671825.2	4864399.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
118	Retirement Residence F	671606.3	4864536.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
119	Retirement Residence G	671357.1	4862958.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
120	Retirement Residence H	671514.0	4862262.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
121	Retirement Residence I	672602.2	4863075.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
122	Retirement Residence J	671719.1	4862893.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
123	Retirement Residence K	686718.0	4865648.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
124	Retirement Residence L	676168.7	4865669.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
125	Retirement Residence M	676118.5	4863980.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
126	Bow. Subdivision 12	684649.2	4863182.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
127	Primary School B	685384.8	4863575.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
128	Primary School C	685021.6	4863952.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
129	Primary School D	686237.0	4864085.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
130	Primary School E	686719.0	4863734.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
131	Primary School F	686357.0	4864754.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
132	Primary School G	685502.0	4865013.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
133	Primary School H	686726.7	4866061.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
134	Primary School I	685186.2	4866568.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
135	Primary School J	685965.3	4866979.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
136	Primary School K	677709.9	4864726.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
137	Primary School L	675988.3	4864270.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
138	Primary School M	676608.7	4862739.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
139	Primary School N	677222.2	4863759.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
140	Primary School O	678154.9	4863872.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
141	Court. Subdivision 12	678309.6	4863600.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
142	Primary School Q	677010.6	4862470.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
143	Primary School R	677431.3	4866694.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
144	Primary School S	675266.2	4863562.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Benzene	Bromodichloromethane	Bromoforane	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene		
					Updated Facility Contaminant Emission Rate (g/s)	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03
					Background Concentration (ug/m3)	3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
160	Primary School II	672616.7	4862114.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
161	Primary School JJ	673567.2	4861899.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
162	Primary School KK	671791.0	4861954.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
163	Primary School LL	673762.3	4864210.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
164	Primary School MM	672238.8	4864621.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
165	Primary School NN	673213.6	4858677.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
166	Primary School OO	675474.8	4863221.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
167	Primary School PP	672441.8	4858748.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
168	Primary School QQ	672796.8	4864438.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
169	Primary School RR	671351.4	4863284.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
170	Primary School SS	673213.9	4862125.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
171	Primary School TT	671017.9	4860953.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
172	Primary School UU	670991.0	4861089.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
173	Primary School VV	674150.1	4862294.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
174	Primary School WW	672005.2	4861707.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
175	Primary School XX	684172.1	4863615.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
176	Primary School YY	683923.3	4866636.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
177	Primary School ZZ	680446.0	4865770.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
178	Vacant School	685612.9	4864520.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
179	Secondary School A	686291.4	4865064.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
180	Secondary School B	683875.0	4864741.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
181	Secondary School C	684650.3	4866460.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
182	Secondary School D	678099.5	4864838.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
183	Secondary School E	678467.0	4863431.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
184	Secondary School F	674144.9	4862762.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
185	Secondary School G	673816.0	4864357.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
186	Secondary School H	673145.4	4858569.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
187	Secondary School I	671291.7	4863581.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
188	Secondary School J	671443.2	4861664.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
189	Secondary School K	673235.3	4860885.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
190	Secondary School L	684252.7	4866500.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
191	Secondary School M	673914.1	4859551.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
192	Secondary School N	675051.5	4864177.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
193	Adult School	685276.1	4866019.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
194	Bow. Valley Cons. 1	685356.6	4864521.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
195	Bow. Valley Cons. 2	685627.7	4864167.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
196	Bow. Valley Cons. 4	685852.7	4863640.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
197	Bow. Valley Cons. 5	686163.1	4863621.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
198	Bow. Valley Cons. 6	685931.9	4863380.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
199	Maple Grove 1	681688.5	4864717.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
200	Maple Grove 2	681768.9	4864631.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	
201	Maple Grove 3	681894.9	4864506.8																									

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Benzene	Bromodichloromethane	Bromoforane	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00
		(m)	(m)		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
213	Port Darlington 5	686406.8	4861448.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
214	Port Darlington 6	686504.5	4861604.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
215	Port Darlington 7	686703.0	4861789.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
216	Port Darlington 8	686895.8	4861960.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
217	Port Darlington 9	686867.4	4862119.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
218	Port Darlington 10	687190.7	4862048.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
219	Port Darlington 11	687524.4	4862126.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
220	Campground 1	678646.3	4860337.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
221	Campground 2	678410.2	4860148.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
222	Campground 3	678651.0	4860054.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
223	Campground 4	678725.9	4859860.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
224	Campground 5	678511.1	4859808.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
225	Campground 6	678869.5	4859696.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
226	Campground 7	678723.9	4860201.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
227	Campground 8	678796.0	4860011.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
228	Campground 9	678852.7	4859854.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
229	Solina 1	681099.6	4861677.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
230	Solina 2	681115.7	4861857.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
231	Solina 3	680987.4	4861983.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
232	Solina 4	680965.0	4862068.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
233	Solina 5	681021.5	4862086.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
234	Solina 6	680939.8	4862124.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
235	Solina 7	680988.2	4862183.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
236	Solina 8	680984.6	4862209.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
237	Solina 9	680958.6	4862294.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
238	Solina 10	680858.0	4862324.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
239	Solina 11	680990.3	4862403.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
240	Recreational 1	681545.0	4860865.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
241	Recreational 2	681563.7	4860687.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
242	Recreational 3	681579.7	4860610.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
243	Recreational 6	681876.6	4860254.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
244	Recreational 7	682166.9	4860324.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
245	Darlington 1	679565.4	4861052.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
246	Darlington 2	679452.9	4861051.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
247	Darlington 3	679130.5	4860948.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
248	Darlington 4	679112.6	4860941.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
249	Darlington 5	679057.6	4860994.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
250	Darlington 6	679075.2	4860931.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
251	Darlington 7	678814.3	4860843.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
252	Darlington 8	678840.4	4860777.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
253	Light Ind. 1	680000.1	4861034.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Benzene	Bromodichloromethane	Bromoforane	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	
					1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	2.84E-03	5.76E-04	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04
Updated Facility Contaminant Emission Rate (g/s)					3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
Background Concentration (ug/m3)					3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
266	Future Industrial 8	680398.0	4860731.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
267	Future Industrial 1	680359.6	4859959.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
268	Future Industrial 2	680083.7	4859985.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
269	Future Industrial 3	680819.9	4860705.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
270	Future Industrial 4	681070.0	4859937.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
271	Future Industrial 5	679898.8	4860067.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
272	Future Industrial 6	680134.8	4860694.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
273	Future Industrial 11	680253.7	4860255.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
274	Future Industrial 12	679901.2	4860511.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
275	Commercial Farmer	679867.8	4860445.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
276	Farmer	679277.0	4859981.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
277	Residence	679387.2	4860648.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
278	Barn	679261.9	4860574.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
279	Residence	680150.7	4861295.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
280	Residence	679939.8	4861213.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
281	Farmer	680855.7	4861456.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
282	Farmer	681386.2	4861673.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
283	Residence	680683.5	4861597.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
284	Business	680064.3	4861343.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
285	Farmer	679680.1	4861213.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
286	Farmer	681344.8	4861792.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
287	Youth Centre	685644.2	4864814.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
288	Bowmanville Arena	685462.9	4864615.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
289	Bowmanville Rec Complex	684160.3	4864604.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
290	Recreation Complex	684586.6	4862406.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
291	Superdog Central	681487.7	4865723.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
292	Equestrian Centre	681567.1	4863670.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
293	Flea Market	678574.6	4862819.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
294	Equestrian Centre	680030.8	4867320.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
295	Courtice Community Complex	678099.3	4864629.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
296	Former Restaurant	679830.2	4860702.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
297	Commercial	679364.8	4861016.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
298	GM Oshawa Headquarters	676418.3	4860463.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
299	Farm A?	682972.3	4862201.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
300	Farm B?	683546.9	4861959.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
301	Farm C?	682547.5	4862321.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
302	Farm D?	683238.3	4862393.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
303	Farm E?	682512.6	4862858.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
304	Farm F?	683129.1	4863649.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
305	Bennett 1	688209.3	4862512.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
306	Bennett 2	687990.0	4863221.3		3.94	0.01	0.02	0.10																			

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Benzene	Bromodichloromethane	Bromoforane	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33
319	Soper 7	685683.2	4867148.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
320	Soper 8	686748.7	4865874.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
321	Bowmanville 1	687026.3	4862368.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
322	Bowmanville 2	686625.7	4863020.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
323	Bowmanville 3	683380.3	4865365.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
324	Bowmanville 4	683111.4	4867150.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
325	Bowmanville 5	682452.2	4869417.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
326	Bowmanville 6	684778.5	4864888.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
327	Bowmanville 7	684549.5	4866404.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
328	Upper Tooley 1	679944.8	4864883.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
329	Upper Tooley 2	679055.1	4863885.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
330	Upper Tooley 3	679714.0	4862767.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
331	Upper Tooley 4	678898.8	4861800.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
332	Upper Tooley 5	680353.5	4862156.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
333	Upper Tooley 6	679818.1	4861625.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
334	Robinson 1	678434.8	4860943.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
335	Robinson 2	677752.6	4861240.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
336	Robinson 3	677642.2	4861787.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
337	Robinson 4	678532.7	4862143.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
338	Robinson 5	678005.1	4862784.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
339	Robinson 6	677882.7	4860587.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
340	F/B 1	677443.1	4867862.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
341	F/B 2	679667.4	4866611.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
342	F/B 3	678655.0	4867470.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
343	F/B 4	676191.2	4866844.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
344	F/B 5	678273.3	4866093.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
345	F/B 6	681241.2	4867098.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
346	F/B 7	682165.3	4868082.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
347	F/B 8	679366.6	4868628.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
348	F/B 9	680310.1	4869967.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
349	F/B 10	676487.3	4869291.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
350	F/B 11	676851.4	4865409.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
351	F/B 12	681153.3	4868682.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
352	F/B 13	675416.3	4859833.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
353	Second 1	675153.4	4860552.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
354	Second 2	675297.5	4860891.3		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
355	Second 3	675647.2	4860644.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
356	Second 4	675670.5	4860076.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
357	Second 5	676043.3	4860319.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
358	Second 6	675923.4	4859821.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
359	McLaughlin Bay 1	676714.7	4860903.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
360	McLaughlin Bay 2	677310.8	4860528.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
361	McLaughlin Bay 3	676563.5	4860260.1		3.94	0.01	0.02	0.10																			



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Benzene	Bromodichloromethane	Bromofor	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	
					1.28E-03	0.01	2.85E-03	1.49E-03	0.00E+00	0.00E+00	1.78E-05	2.11E-05	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	2.34E-05	7.27E-03	0.00E+00	4.28E-05	1.67E-05	1.96E-03	0.00E+00	0.00E+00	2.34E-04	2.08E-03
Updated Facility Contaminant Emission Rate (g/s)					3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
Background Concentration (ug/m3)					3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
372	Westside 1	686082.6	4862776.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
373	Westside 2	685778.7	4862137.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
374	Westside 3	685084.2	4862827.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
375	Darlington 1	680977.5	4865674.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
376	Darlington 2	680913.9	4863967.1		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
377	Darlington 3	682602.8	4863659.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
378	Darlington 4	682206.4	4862910.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
379	Darlington 5	683223.2	4861114.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
380	Darlington 6	683947.7	4862362.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
381	Darlington 7	685361.9	4861143.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
382	Bennett ECO/HH	688606.4	4862634.8		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
383	Oshawa ECO/HH	673884.9	4859128.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
384	Oshawa Creek 1	671671.2	4862793.7		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
385	Oshawa Creek 2	671668.5	4861589.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
386	Oshawa Creek 3	672820.2	4861287.2		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
387	Oshawa Creek 4	672360.3	4860262.6		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
388	Oshawa Creek 5	673921.2	4860115.0		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
389	Oshawa Creek 6	673154.0	4859421.9		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
390	Farmer	677409.8	4861051.4		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40
391	Commercial Market	688276.3	4864698.5		3.94	0.01	0.02	0.10	0.12	2.40	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40

Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03		0.02	0.00E+00
				Background Concentration (ug/m3)	0.10	0.27	1.89	0.69	3.65E-03	2.76			
1	Campground 10	678526.8	4859996.8		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
2	ECO 2	675490.4	4860360.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
3	Recreational 5	681642.0	4860349.3		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
4	ECO 4	676831.5	4859840.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
6	ECO 6	679647.8	4859989.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
7	ECO 7	681578.8	4862070.1		0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00	0.00E+00
8	ECO 8	679735.5	4861048.6		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
9	ECO 9	687219.7	4864249.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
10	ECO 10	686519.0	4861987.6		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
11	ECO 11	679870.4	4859737.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
12	Recreational 4	681575.5	4860557.7		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
13	Future Industrial 9	680704.5	4859857.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
14	Future Industrial 10	680608.0	4860719.6		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
15	Harmony Creek	673992.4	4865641.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
16	Farewell Creek	678079.2	4868822.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
17	Farmer	681378.6	4860335.0		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
18	Watson Farm	682883.4	4864219.7		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
19	Racanski Farm	678929.2	4865530.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
20	Zoo	687216.8	4864835.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
23	OPG 1	682258.1	4860045.0		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
24	OPG 2	682551.4	4859889.1		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
25	OPG 3	682824.6	4859759.3		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
26	OPG 4	683021.6	4859937.3		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
27	OPG 5	683318.2	4859677.8		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
28	OPG 6	683306.9	4860023.0		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
29	OPG 7	683718.6	4859915.8		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
30	OPG 8	682702.0	4859998.6		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
31	OPG 9	684347.7	4861184.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
32	OPG 10	682157.2	4861228.2		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
33	St. Mary's 1	684557.0	4861070.0		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
34	St. Mary's 2	684657.3	4861320.8		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
35	St. Mary's 3	684905.3	4861154.4		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
36	Court. Subdivision 1	677328.4	4862976.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
37	Court. Subdivision 2	676187.9	4862611.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
38	Court. Subdivision 3	675974.8	4863484.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
39	Court. Subdivision 4	676606.1	4863214.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
40	Court. Subdivision 5	676827.1	4863591.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
41	Court. Subdivision 6	677200.4	4864074.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
42	Court. Subdivision 7	677719.8	4863625.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
43	Court. Subdivision 8	678271.6	4864200.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
44	Court. Subdivision 9	678184.4	4863373.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
45	Court. Subdivision 10	677179.7	4862499.5		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
46	Bow. Subdivision 1	683536.7	4864215.2		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
47	Bow. Subdivision 2	683770.0	4863915.1		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
48	Bow. Subdivision 3	683671.0	4863534.1		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
49	Bow. Subdivision 4	684501.9	4863847.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
50	Bow. Subdivision 5	684242.9	4863518.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
51	Bow. Subdivision 6	684271.4	4863201.5		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
52	Bow. Subdivision 7	683992.6	4862628.1		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
53	Bow. Subdivision 8	684608.2	4862956.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03		0.02	0.00E+00
					Background Concentration (ug/m3)	0.10	0.27	1.89	0.69	3.65E-03	2.76		
54	Bow. Subdivision 9	684777.3	4863330.5		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
55	Bow. Subdivision 10	685266.0	4863243.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
67	Daycare B	685172.4	4863933.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
68	Daycare C	685452.0	4863104.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
69	Daycare D	685527.7	4864693.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
70	Daycare E	685735.4	4864790.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
71	Daycare F	685520.3	4864854.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
72	Daycare G	685441.9	4864878.0		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
73	Daycare H	686364.8	4864707.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
74	Daycare I	685721.6	4865127.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
75	Daycare J	678256.3	4863565.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
76	Daycare K	677694.1	4864043.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
77	Daycare L	676479.5	4862526.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
78	Daycare M	678320.9	4864763.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
79	Daycare N	678513.4	4865058.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
80	Daycare O	672788.7	4863936.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
81	Daycare P	673952.8	4863592.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
82	Daycare Q	671751.8	4864887.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
83	Daycare R	685714.4	4864667.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
84	Daycare S	684177.9	4863618.2		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
85	Daycare T	678423.6	4864480.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
86	Daycare U	685330.5	4863435.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
87	Daycare V	685153.2	4863236.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
88	Daycare W	672679.0	4862044.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
89	Daycare X	672076.5	4865285.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
90	Daycare Y	672638.0	4859664.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
91	Daycare Z	673735.9	4858958.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
92	Daycare AA	673121.8	4863385.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
93	Daycare BB	673904.8	4862282.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
94	Daycare CC	671471.6	4861795.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
95	Daycare DD	673057.3	4862625.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
96	Daycare EE	674917.1	4863957.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
97	Daycare FF	671356.6	4862954.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
98	Daycare GG	671675.5	4862705.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
99	Daycare HH	671604.8	4860138.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
100	Daycare II	670945.2	4857983.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
101	Daycare JJ	677514.6	4864744.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
102	Daycare KK	676519.9	4862680.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
103	Daycare LL	677660.6	4863601.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
104	Court. Subdivision 11	677665.8	4863406.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
105	Daycare NN	674866.3	4864667.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
106	Daycare OO	673201.0	4864746.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	0.10	0.27	1.89	0.69	3.65E-03	2.76			
107	Daycare PP	674794.5	4864915.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
108	Hospital	686324.2	4864395.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
109	Hospital (Children  s)	676057.8	4862180.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
110	Hospital	671233.2	4863615.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
111	Comm. Resp. Services	676045.4	4863902.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
112	Hospital	671712.7	4862364.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
113	Retirement Residence A	684199.9	4864120.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
114	Retirement Residence B	685483.9	4865150.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
115	Retirement Residence C	686844.0	4864732.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
116	Retirement Residence D	673481.7	4863343.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
117	Retirement Residence E	671825.2	4864399.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
118	Retirement Residence F	671606.3	4864536.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
119	Retirement Residence G	671357.1	4862958.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
120	Retirement Residence H	671514.0	4862262.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
121	Retirement Residence I	672602.2	4863075.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
122	Retirement Residence J	671719.1	4862893.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
123	Retirement Residence K	686718.0	4865648.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
124	Retirement Residence L	676168.7	4865669.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
125	Retirement Residence M	676118.5	4863980.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
127	Primary School B	685384.8	4863575.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
128	Primary School C	685021.6	4863952.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
129	Primary School D	686237.0	4864085.5		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
130	Primary School E	686719.0	4863734.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
131	Primary School F	686357.0	4864754.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
132	Primary School G	685502.0	4865013.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
133	Primary School H	686726.7	4866061.5		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
134	Primary School I	685186.2	4866568.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
135	Primary School J	685965.3	4866979.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
136	Primary School K	677709.9	4864726.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
137	Primary School L	675988.3	4864270.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
138	Primary School M	676608.7	4862739.0		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
139	Primary School N	677222.2	4863759.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
140	Primary School O	678154.9	4863872.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
141	Court. Subdivision 12	678309.6	4863600.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
142	Primary School Q	677010.6	4862470.6		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
143	Primary School R	677431.3	4866694.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
144	Primary School S	675266.2	4863562.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
145	Primary School T	673479.2	4860029.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
146	Primary School U	670856.0	4860710.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
147	Primary School V	672660.2	4863909.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
148	Primary School W	672735.2	4859232.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
149	Primary School X	673575.8	4862688.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
150	Primary School Y	673710.3	4861969.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
151	Primary School Z	672366.0	4859928.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
152	Primary School AA	672561.7	4866047.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
153	Primary School BB	675095.1	4862930.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
154	Primary School CC	673242.6	4865197.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
155	Primary School DD	674164.9	4863031.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
156	Primary School EE	671905.6	4864697.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
157	Primary School FF	673294.9	4858774.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
158	Primary School GG	671659.7	4863120.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
159	Primary School HH	673853.4	4866711.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00





Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03		0.02	0.00E+00
				Background Concentration (ug/m3)	0.10	0.27	1.89	0.69	3.65E-03	2.76			
160	Primary School II	672616.7	4862114.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
161	Primary School JJ	673567.2	4861899.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
162	Primary School KK	671791.0	4861954.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
163	Primary School LL	673762.3	4864210.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
164	Primary School MM	672238.8	4864621.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
165	Primary School NN	673213.6	4858677.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
166	Primary School OO	675474.8	4863221.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
167	Primary School PP	672441.8	4858748.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
168	Primary School QQ	672796.8	4864438.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
169	Primary School RR	671351.4	4863284.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
170	Primary School SS	673213.9	4862125.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
171	Primary School TT	671017.9	4860953.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
172	Primary School UU	670991.0	4861089.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
173	Primary School VV	674150.1	4862294.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
174	Primary School WW	672005.2	4861707.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
175	Primary School XX	684172.1	4863615.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
176	Primary School YY	683923.3	4866636.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
177	Primary School ZZ	680446.0	4865770.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
178	Vacant School	685612.9	4864520.0		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
179	Secondary School A	686291.4	4865064.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
180	Secondary School B	683875.0	4864741.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
181	Secondary School C	684650.3	4866460.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
182	Secondary School D	678099.5	4864838.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
183	Secondary School E	678467.0	4863431.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
184	Secondary School F	674144.9	4862762.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
185	Secondary School G	673816.0	4864357.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
186	Secondary School H	673145.4	4858569.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
187	Secondary School I	671291.7	4863581.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
188	Secondary School J	671443.2	4861664.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
189	Secondary School K	673235.3	4860885.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
190	Secondary School L	684252.7	4866500.5		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
191	Secondary School M	673914.1	4859551.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
192	Secondary School N	675051.5	4864177.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
193	Adult School	685276.1	4866019.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
194	Bow. Valley Cons. 1	685356.6	4864521.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
195	Bow. Valley Cons. 2	685627.7	4864167.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
196	Bow. Valley Cons. 4	685852.7	4863640.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
197	Bow. Valley Cons. 5	686163.1	4863621.5		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
198	Bow. Valley Cons. 6	685931.9	4863380.6		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
199	Maple Grove 1	681688.5	4864717.0		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
200	Maple Grove 2	681768.9	4864631.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
201	Maple Grove 3	681894.9	4864506.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
202	Maple Grove 4	681974.8	4864443.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
203	Maple Grove 5	681942.2	4864676.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
204	Maple Grove 6	682053.2	4864586.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
205	Maple Grove 7	682168.5	4864631.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
206	Maple Grove 8	682261.7	4864520.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
207	Maple Grove 9	682382.1	4864589.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
208	Maple Grove 10	682459.8	4864499.2		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
209	Port Darlington 1	686227.8	4861159.0		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
210	Port Darlington 2	686184.8	4861252.0		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
211	Port Darlington 3	686151.2	4861286.8		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
212	Port Darlington 4	686351.1	4861341.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	0.10	0.27	1.89	0.69	3.65E-03	2.76			
213	Port Darlington 5	686406.8	4861448.7		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
214	Port Darlington 6	686504.5	4861604.0		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
215	Port Darlington 7	686703.0	4861789.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
216	Port Darlington 8	686895.8	4861960.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
217	Port Darlington 9	686867.4	4862119.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
218	Port Darlington 10	687190.7	4862048.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
219	Port Darlington 11	687524.4	4862126.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
220	Campground 1	678646.3	4860337.7		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
221	Campground 2	678410.2	4860148.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
222	Campground 3	678651.0	4860054.4		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
223	Campground 4	678725.9	4859860.7		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
224	Campground 5	678511.1	4859808.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
225	Campground 6	678869.5	4859696.0		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
226	Campground 7	678723.9	4860201.8		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
227	Campground 8	678796.0	4860011.4		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
228	Campground 9	678852.7	4859854.2		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
229	Solina 1	681099.6	4861677.2		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
230	Solina 2	681115.7	4861857.7		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
231	Solina 3	680987.4	4861983.5		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
232	Solina 4	680965.0	4862068.1		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
233	Solina 5	681021.5	4862086.7		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
234	Solina 6	680939.8	4862124.3		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
235	Solina 7	680988.2	4862183.6		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
236	Solina 8	680984.6	4862209.8		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
237	Solina 9	680958.6	4862294.9		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
238	Solina 10	680858.0	4862324.3		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
239	Solina 11	680990.3	4862403.5		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
240	Recreational 1	681545.0	4860865.0		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
241	Recreational 2	681563.7	4860687.4		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
242	Recreational 3	681579.7	4860610.0		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
243	Recreational 6	681876.6	4860254.4		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
244	Recreational 7	682166.9	4860324.4		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
245	Darlington 1	679565.4	4861052.9		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
246	Darlington 2	679452.9	4861051.4		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
247	Darlington 3	679130.5	4860948.8		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
248	Darlington 4	679112.6	4860941.9		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
249	Darlington 5	679057.6	4860994.1		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
250	Darlington 6	679075.2	4860931.6		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
251	Darlington 7	678814.3	4860843.1		0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00	0.00E+00
252	Darlington 8	678840.4	4860777.1		0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00	0.00E+00
253	Light Ind. 1	680000.1	4861034.1		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
254	Light Ind. 2	680060.7	4861056.4		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
255	Light Ind. 3	680291.2	4861151.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
256	Light Ind. 4	680536.3	4861204.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
257	Light Ind. 5	680350.4	4861290.6		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
258	Light Ind. 6	680306.9	4861275.6		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
259	Light Ind. 7	680267.2	4861262.4		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
260	Light Ind. 8	680233.6	4861250.7		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
261	Light Ind. 9	680175.3	4861227.5		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
262	Light Ind. 10	680092.5	4861185.1		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
263	Light Ind. 11	680071.6	4861246.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
264	Light Ind. 12	680021.4	4861186.9		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
265	Future Industrial 7	680816.2	4860219.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03		0.02	0.00E+00
				Background Concentration (ug/m3)	0.10	0.27	1.89	0.69	3.65E-03	2.76			
266	Future Industrial 8	680398.0	4860731.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
267	Future Industrial 1	680359.6	4859959.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
268	Future Industrial 2	680083.7	4859985.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
269	Future Industrial 3	680819.9	4860705.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
270	Future Industrial 4	681070.0	4859937.2		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
271	Future Industrial 5	679898.8	4860067.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
272	Future Industrial 6	680134.8	4860694.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
273	Future Industrial 11	680253.7	4860255.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
274	Future Industrial 12	679901.2	4860511.8		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
275	Commercial Farmer	679867.8	4860445.4		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
276	Farmer	679277.0	4859981.5		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
277	Residence	679387.2	4860648.9		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
278	Barn	679261.9	4860574.2		0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00	0.00E+00
279	Residence	680150.7	4861295.7		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
280	Residence	679939.8	4861213.4		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
281	Farmer	680855.7	4861456.9		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
282	Farmer	681386.2	4861673.3		0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00	0.00E+00
283	Residence	680683.5	4861597.9		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
284	Business	680064.3	4861343.7		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
285	Farmer	679680.1	4861213.5		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
286	Farmer	681344.8	4861792.9		0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00	0.00E+00
287	Youth Centre	685644.2	4864814.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
288	Bowmanville Arena	685462.9	4864615.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
289	Bowmanville Rec Complex	684160.3	4864604.5		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
290	Recreation Complex	684586.6	4862406.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
291	Superdog Central	681487.7	4865723.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
292	Equestrian Centre	681567.1	4863670.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
293	Flea Market	678574.6	4862819.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
294	Equestrian Centre	680030.8	4867320.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
295	Courtice Community Complex	678099.3	4864629.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
296	Former Restaurant	679830.2	4860702.2		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
297	Commercial	679364.8	4861016.0		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
298	GM Oshawa Headquarters	676418.3	4860463.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
299	Farm A?	682972.3	4862201.9		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
300	Farm B?	683546.9	4861959.7		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
301	Farm C?	682547.5	4862321.1		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
302	Farm D?	683238.3	4862393.3		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
303	Farm E?	682512.6	4862858.0		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
304	Farm F?	683129.1	4863649.4		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
305	Bennett 1	688209.3	4862512.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
306	Bennett 2	687990.0	4863221.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
307	Bennett 3	688818.4	4862836.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
308	Bennett 4	689045.1	4863365.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
309	Bennett 5	688270.5	4863763.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
310	Bennett 6	689908.5	4863100.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
311	Bennett 7	688929.9	4864392.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
312	Bennett 8	689684.2	4863837.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
313	Soper 1	687557.9	4862512.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
314	Soper 2	687241.9	4863171.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
315	Soper 3	687023.2	4863903.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
316	Soper 4	688158.2	4865389.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
317	Soper 5	685027.3	4868253.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
318	Soper 6	687287.4	4867037.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	0.10	0.27	1.89	0.69	3.65E-03	2.76			
319	Soper 7	685683.2	4867148.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
320	Soper 8	686748.7	4865874.7		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
321	Bowmanville 1	687026.3	4862368.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
322	Bowmanville 2	686625.7	4863020.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
323	Bowmanville 3	683380.3	4865365.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
324	Bowmanville 4	683111.4	4867150.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
325	Bowmanville 5	682452.2	4869417.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
326	Bowmanville 6	684778.5	4864888.2		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
327	Bowmanville 7	684549.5	4866404.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
328	Upper Tooley 1	679944.8	4864883.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
329	Upper Tooley 2	679055.1	4863885.8		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
330	Upper Tooley 3	679714.0	4862767.4		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
331	Upper Tooley 4	678898.8	4861800.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
332	Upper Tooley 5	680353.5	4862156.5		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
333	Upper Tooley 6	679818.1	4861625.7		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
334	Robinson 1	678434.8	4860943.1		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
335	Robinson 2	677752.6	4861240.6		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
336	Robinson 3	677642.2	4861787.2		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
337	Robinson 4	678532.7	4862143.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
338	Robinson 5	678005.1	4862784.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
339	Robinson 6	677882.7	4860587.7		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
340	F/B 1	677443.1	4867862.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
341	F/B 2	679667.4	4866611.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
342	F/B 3	678655.0	4867470.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
343	F/B 4	676191.2	4866844.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
344	F/B 5	678273.3	4866093.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
345	F/B 6	681241.2	4867098.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
346	F/B 7	682165.3	4868082.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
347	F/B 8	679366.6	4868628.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
348	F/B 9	680310.1	4869967.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
349	F/B 10	676487.3	4869291.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
350	F/B 11	676851.4	4865409.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
351	F/B 12	681153.3	4868682.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
352	F/B 13	675416.3	4859833.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
353	Second 1	675153.4	4860552.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
354	Second 2	675297.5	4860891.3		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
355	Second 3	675647.2	4860644.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
356	Second 4	675670.5	4860076.5		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
357	Second 5	676043.3	4860319.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
358	Second 6	675923.4	4859821.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
360	McLaughlin Bay 2	677310.8	4860528.2		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
361	McLaughlin Bay 3	676563.5	4860260.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
362	McLaughlin Bay 4	676699.5	4859696.6		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
363	McLaughlin Bay 5	677560.0	4860060.1		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
364	McLaughlin Bay 6	678204.5	4859832.5		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
365	Harmony Creek 1	674178.3	4861024.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
366	Harmony Creek 2	674592.0	4862605.3		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
367	Harmony Creek 3	672863.4	4862808.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
368	Harmony Creek 4	675671.6	4864469.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
369	Harmony Creek 5	672443.1	4864713.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
370	Harmony Creek 6	674830.5	4866909.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
371	Harmony Creek 7	675799.9	4868594.1		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00



Appendix F - 3: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1A

Receptor	Name	UTM E	UTM N	Contaminant	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.90E-05	2.03E-05	7.11E-03	0.00E+00	1.80E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	0.10	0.27	1.89	0.69	3.65E-03	2.76			
372	Westside 1	686082.6	4862776.6		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
373	Westside 2	685778.7	4862137.9		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
374	Westside 3	685084.2	4862827.4		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
375	Darlington 1	680977.5	4865674.4		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
376	Darlington 2	680913.9	4863967.1		0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00	0.00E+00
377	Darlington 3	682602.8	4863659.6		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
378	Darlington 4	682206.4	4862910.4		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
379	Darlington 5	683223.2	4861114.0		0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00	0.00E+00
380	Darlington 6	683947.7	4862362.0		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
381	Darlington 7	685361.9	4861143.4		0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00	0.00E+00
382	Bennett ECO/HH	688606.4	4862634.8		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
383	Oshawa ECO/HH	673884.9	4859128.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
384	Oshawa Creek 1	671671.2	4862793.7		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
385	Oshawa Creek 2	671668.5	4861589.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
386	Oshawa Creek 3	672820.2	4861287.2		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
387	Oshawa Creek 4	672360.3	4860262.6		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
388	Oshawa Creek 5	673921.2	4860115.0		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
389	Oshawa Creek 6	673154.0	4859421.9		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00
390	Farmer	677409.8	4861051.4		0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00	0.00E+00
391	Commercial Market	688276.3	4864698.5		0.10	0.27	1.89	0.69	3.66E-03	2.76		0.00E+00	0.00E+00

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18		1.62	1.98E-09		2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05	5.06E-03
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03	
1	Campground 10	678526.8	4859996.8		23.53	1.03	0.10	78.42	1045.15	2.17	24.99	88.33	0.62	5.61	6.46E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.74E-04	0.20	2.27E-03	
2	ECO 2	675490.4	4860360.1		21.56	0.52	0.05	71.62	1042.62	1.89	24.71	88.05	0.31	2.86	6.13E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19	1.88E-03	
3	Recreational 5	681642.0	4860349.3		27.63	2.09	0.21	92.62	1050.43	2.26	25.08	88.42	1.25	11.36	7.17E-08	1.19E-04		0.53	7.98E-03	4.50E-03	0.02	8.13E-04	0.22	3.09E-03	
4	ECO 4	676831.5	4859840.9		21.58	0.53	0.05	71.69	1042.65	1.27	24.09	87.43	0.32	2.88	6.13E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19	1.88E-03	
5	Bow. Valley Cons. 3	685767.2	4863879.0		20.80	0.33	0.03	68.99	1041.64	1.09	23.91	87.25	0.20	1.79	6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03	
6	ECO 6	679647.8	4859989.3		27.41	2.03	0.20	91.83	1050.14	2.09	24.91	88.25	1.22	11.04	7.13E-08	1.19E-04		0.53	7.96E-03	4.50E-03	0.02	8.10E-04	0.22	3.05E-03	
7	ECO 7	681578.8	4862070.1		23.20	0.95	0.09	77.29	1044.73	1.74	24.56	87.90	0.57	5.15	6.41E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.21E-03	
8	ECO 8	679735.5	4861048.6		27.08	1.94	0.19	90.72	1049.72	1.96	24.78	88.12	1.17	10.59	7.07E-08	1.18E-04		0.53	7.94E-03	4.50E-03	0.02	8.07E-04	0.22	2.98E-03	
9	ECO 9	687219.7	4864249.3		20.47	0.24	0.02	67.85	1041.22	1.07	23.89	87.23	0.15	1.33	5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.66E-03	
10	ECO 10	686519.0	4861987.6		20.97	0.37	0.04	69.59	1041.86	0.70	23.52	86.86	0.22	2.03	6.03E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	1.76E-03	
11	ECO 11	679870.4	4859737.9		26.00	1.67	0.17	86.98	1048.33	1.72	24.54	87.88	1.00	9.07	6.89E-08	1.16E-04		0.52	7.85E-03	4.49E-03	0.02	7.97E-04	0.21	2.77E-03	
12	Recreational 4	681575.5	4860557.7		29.14	2.47	0.25	97.83	1052.37	2.64	25.46	88.80	1.48	13.47	7.43E-08	1.22E-04		0.53	8.10E-03	4.52E-03	0.02	8.27E-04	0.23	3.40E-03	
13	Future Industrial 9	680704.5	4859857.8		24.70	1.33	0.13	82.48	1046.66	2.82	25.64	88.98	0.80	7.25	6.67E-08	1.13E-04		0.52	7.75E-03	4.47E-03	0.02	7.85E-04	0.21	2.51E-03	
14	Future Industrial 10	680608.0	4860719.6		32.32	3.29	0.33	108.82	1056.46	4.98	27.80	91.14	1.97	17.92	7.97E-08	1.29E-04		0.53	8.35E-03	4.56E-03	0.02	8.57E-04	0.24	4.03E-03	
15	Harmony Creek	673992.4	4865641.4		20.31	0.20	0.02	67.31	1041.02	0.73	23.55	86.89	0.12	1.11	5.91E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19	1.63E-03	
16	Farewell Creek	678079.2	4868822.7		20.34	0.21	0.02	67.39	1041.05	1.06	23.88	87.22	0.13	1.14	5.92E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19	1.63E-03	
17	Farmer	681378.6	4860335.0		26.59	1.82	0.18	89.01	1049.09	2.30	25.12	88.46	1.09	9.90	6.99E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02	8.03E-04	0.22	2.88E-03	
18	Watson Farm	682883.4	4864219.7		22.13	0.67	0.07	73.60	1043.36	1.27	24.09	87.43	0.40	3.66	6.23E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.99E-03	
19	Racanski Farm	678929.2	4865530.2		20.94	0.36	0.04	69.47	1041.82	0.98	23.80	87.14	0.22	1.98	6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	1.75E-03	
20	Zoo	687216.8	4864835.3		20.40	0.23	0.02	67.63	1041.14	1.09	23.91	87.25	0.14	1.24	5.93E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.44E-04	0.19	1.65E-03	
21	Cedar Crest Beach	686652.1	4861660.9		21.30	0.46	0.05	70.74	1042.29	0.72	23.54	86.88	0.28	2.50	6.08E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.52E-04	0.19	1.83E-03	
22	Darlington Prov Park Beach	677844.6	4859718.2		22.20	0.69	0.07	73.82	1043.44	1.59	24.41	87.75	0.41	3.75	6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20	2.01E-03	
23	OPG 1	682258.1	4860045.0		23.53	1.03	0.10	78.44	1045.16	1.79	24.61	87.95	0.62	5.62	6.47E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.74E-04	0.20	2.27E-03	
24	OPG 2	682551.4	4859889.1		22.92	0.87	0.09	76.31	1044.37	1.60	24.42	87.76	0.52	4.75	6.36E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.68E-04	0.20	2.15E-03	
25	OPG 3	682824.6	4859759.3		22.48	0.76	0.08	74.81	1043.81	1.42	24.24	87.58	0.46	4.14	6.29E-08	1.08E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20	2.06E-03	
26	OPG 4	683021.6	4859937.3		22.95	0.88	0.09	76.42	1044.41	1.38	24.20	87.54	0.53	4.80	6.37E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.68E-04	0.20	2.16E-03	
27	OPG 5	683318.2	4859677.8		21.87	0.61	0.06	72.71	1043.03	1.18	24.00	87.34	0.36	3.29	6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.94E-03	
28	OPG 6	683306.9	4860023.0		22.61	0.79	0.08	75.25	1043.97	1.25	24.07	87.41	0.48	4.33	6.31E-08	1.09E-04		0.52	7.59E-03	4.44E-03	0.02	7.65E-04	0.20	2.09E-03	
29	OPG 7	683718.6	4859915.8		21.99	0.63	0.06	73.11	1043.17	1.06	23.88	87.22	0.38	3.46	6.20E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.96E-03	
30	OPG 8	682702.0	4859998.6		22.55	0.78	0.08	75.05	1043.90	1.56	24.38	87.72	0.47	4.24	6.30E-08	1.09E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20	2.08E-03	
31	OPG 9	684347.7	4861184.6		21.89	0.61	0.06	72.75	1043.04	0.88	23.70	87.04	0.37	3.31	6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.94E-03	
32	OPG 10	682157.2	4861228.2		23.96	1.14	0.11	79.91	1045.70	1.78	24.60	87.94	0.68	6.21	6.54E-08	1.11E-04		0.52	7.69E-03	4.46E-03	0.02	7.78E-04	0.20	2.36E-03	
33	St. Mary's 1	684557.0	4861070.0		22.07	0.66	0.07	73.38	1043.28	0.82	23.64	86.98	0.39	3.57	6.21E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.98E-03	
34	St. Mary's 2	684657.3	4861320.8		21.75	0.57	0.06	72.28	1042.87	0.79	23.61	86.95	0.34	3.12	6.16E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.92E-03	
35	St. Mary's 3	684905.3	4861154.4		21.73	0.57	0.06	72.23	1042.85	0.79	23.61	86.95	0.34	3.10	6.16E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.91E-03	
36	Court. Subdivision 1	677328.4	4862976.1		21.71	0.56	0.06	72.15	1042.82	3.35	26.17	89.51	0.34	3.07	6.15E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.56E-04	0.19	1.91E-03	
37	Court. Subdivision 2	676187.9	4862611.1		22.81	0.85	0.08	75.95	1044.23	1.29	24.11	87.45	0.51	4.61	6.34E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.67E-04	0.20	2.13E-03	
38	Court. Subdivision 3	675974.8	4863484.1		21.24	0.44	0.04	70.51	1042.21	1.04	23.86	87.20	0.26	2.40	6.07E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.81E-03	
39	Court. Subdivision 4	676606.1	4863214.1		22.11	0.67	0.07	73.53	1043.33	2.05	24.87	88.21	0.40	3.63	6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.99E-03	
40	Court. Subdivision 5	676827.1	4863591.4		22.97	0.89	0.09	76.49	1044.43	2.44	25.26	88.60	0.53	4.83	6.37E-08	1.09E-04		0.52	7.62E-03	4.45E-03	0.02	7.68E-04	0.20	2.16E-03	
41	Court. Subdivision 6	677200.4	4864074.9		22.23	0.70	0.07	73.96	1043.49	2.33	25.15	88.49	0.42	3.80	6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20	2.01E-03	
42	Court. Subdivision 7	677719.8	4863625.1		23.13	0.93	0.09	77.04	1044.64	2.21	25.03	88.37	0.56	5.05	6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.19E-03	
43	Court. Subdivision 8	678271.6	4864200.6		21.75	0.57	0.06	72.27	1042.86	1.24	24.06	87.40	0.34	3.12	6.16E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.92E-03	
44	Court. Subdivision 9	678184.4	4863373.6		23.63	1.06	0.11	78.78	1045.28	1.41	24.23	87.57	0.63	5.75	6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	2.29E-03	
45	Court. Subdivision 10	677179.7	4862499.5		21.79	0.58	0.06	72.42	1042.92	2.82															

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18		1.62	1.98E-09		2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05	5.06E-03
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03	
54	Bow. Subdivision 9	684777.3	4863330.5		22.12	0.67	0.07	73.55	1043.34	0.99	23.81	87.15	0.40	3.64		6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.99E-03
55	Bow. Subdivision 10	685266.0	4863243.1		21.34	0.47	0.05	70.86	1042.34	1.21	24.03	87.37	0.28	2.55		6.09E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19	1.83E-03
56	Osh/Court Subdivision 1	677396.8	4860977.3		22.72	0.82	0.08	75.62	1044.11	2.98	25.80	89.14	0.49	4.48		6.33E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.66E-04	0.20	2.11E-03
57	Osh/Court Subdivision 2	676633.5	4860816.8		21.77	0.58	0.06	72.36	1042.90	1.68	24.50	87.84	0.35	3.15		6.16E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.92E-03
58	Osh/Court Subdivision 3	676916.0	4861925.0		21.89	0.61	0.06	72.76	1043.04	1.87	24.69	88.03	0.37	3.31		6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.94E-03
59	Osh/Court Subdivision 4	676730.5	4861317.1		21.88	0.61	0.06	72.74	1043.04	1.64	24.46	87.80	0.36	3.31		6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.94E-03
60	Osh/Court Subdivision 5	676087.2	4861392.3		21.54	0.52	0.05	71.57	1042.60	1.39	24.21	87.55	0.31	2.83		6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.55E-04	0.19	1.88E-03
61	Osh/Court Subdivision 6	676177.1	4861722.2		21.90	0.61	0.06	72.81	1043.06	1.42	24.24	87.58	0.37	3.34		6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.95E-03
62	Osh/Court Subdivision 7	675670.7	4861783.2		21.17	0.42	0.04	70.28	1042.12	1.22	24.04	87.38	0.25	2.31		6.06E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19	1.80E-03
63	Osh/Court Subdivision 8	676050.8	4862055.7		23.51	1.03	0.10	78.36	1045.13	1.35	24.17	87.52	0.62	5.58		6.46E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.73E-04	0.20	2.27E-03
64	Osh/Court Subdivision 9	676636.9	4862134.3		21.75	0.57	0.06	72.29	1042.87	1.49	24.31	87.65	0.34	3.13		6.16E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.92E-03
65	Osh/Court Subdivision 10	676571.3	4861634.8		21.48	0.50	0.05	71.34	1042.52	1.53	24.35	87.69	0.30	2.74		6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.86E-03
66	Bow. Subdivision 11	684649.2	4863182.7		21.83	0.59	0.06	72.55	1042.97	0.96	23.78	87.12	0.36	3.23		6.17E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.57E-04	0.20	1.93E-03
67	Daycare B	685172.4	4863933.1		20.86	0.34	0.03	69.19	1041.72	1.00	23.82	87.16	0.21	1.87		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.74E-03
68	Daycare C	685452.0	4863104.4		21.30	0.46	0.05	70.72	1042.29	1.28	24.10	87.44	0.27	2.49		6.08E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.52E-04	0.19	1.83E-03
69	Daycare D	685527.7	4864693.3		20.81	0.33	0.03	69.04	1041.66	1.15	23.97	87.31	0.20	1.81		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03
70	Daycare E	685735.4	4864790.8		20.80	0.33	0.03	69.00	1041.65	1.11	23.93	87.27	0.20	1.79		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03
71	Daycare F	685520.3	4864854.3		20.74	0.31	0.03	68.80	1041.57	1.09	23.91	87.25	0.19	1.71		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19	1.72E-03
72	Daycare G	685441.9	4864878.0		20.64	0.29	0.03	68.44	1041.44	1.06	23.88	87.22	0.17	1.57		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.69E-03
73	Daycare H	686364.8	4864707.8		21.04	0.39	0.04	69.82	1041.95	1.04	23.86	87.20	0.23	2.13		6.04E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19	1.77E-03
74	Daycare I	685721.6	4865127.3		20.56	0.27	0.03	68.15	1041.33	0.98	23.80	87.14	0.16	1.45		5.96E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.68E-03
75	Daycare J	678256.3	4863565.4		24.72	1.34	0.13	82.56	1046.69	1.35	24.17	87.51	0.80	7.28		6.67E-08	1.13E-04		0.52	7.75E-03	4.47E-03	0.02	7.85E-04	0.21	2.51E-03
76	Daycare K	677694.1	4864043.7		21.96	0.63	0.06	73.01	1043.14	2.01	24.83	88.17	0.38	3.42		6.20E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.96E-03
77	Daycare L	676479.5	4862526.2		22.34	0.73	0.07	74.33	1043.63	1.50	24.32	87.66	0.44	3.95		6.26E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.62E-04	0.20	2.04E-03
78	Daycare M	678320.9	4864763.5		20.98	0.38	0.04	69.64	1041.88	1.26	24.08	87.42	0.23	2.05		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.49E-04	0.19	1.76E-03
79	Daycare N	678513.4	4865058.0		21.27	0.45	0.05	70.63	1042.25	1.15	23.97	87.31	0.27	2.45		6.08E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.82E-03
80	Daycare O	672788.7	4863936.6		20.81	0.33	0.03	69.03	1041.66	0.67	23.49	86.83	0.20	1.81		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03
81	Daycare P	673952.8	4863592.5		21.40	0.48	0.05	71.07	1042.42	0.85	23.67	87.01	0.29	2.63		6.10E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19	1.85E-03
82	Daycare Q	671751.8	4864887.7		20.29	0.20	0.02	67.22	1040.98	0.66	23.48	86.82	0.12	1.07		5.91E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19	1.62E-03
83	Daycare R	685714.4	4864667.4		20.78	0.32	0.03	68.94	1041.62	1.13	23.95	87.29	0.19	1.77		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19	1.72E-03
84	Daycare S	684177.9	4863618.2		21.27	0.45	0.05	70.63	1042.25	1.02	23.84	87.18	0.27	2.45		6.08E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.82E-03
85	Daycare T	678423.6	4864480.4		21.49	0.51	0.05	71.39	1042.53	1.20	24.02	87.36	0.30	2.76		6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.87E-03
86	Daycare U	685330.5	4863435.1		21.17	0.42	0.04	70.28	1042.12	1.14	23.96	87.30	0.25	2.31		6.06E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19	1.80E-03
87	Daycare V	685153.2	4863236.9		21.28	0.45	0.05	70.66	1042.26	1.18	24.00	87.34	0.27	2.47		6.08E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.82E-03
88	Daycare W	672679.0	4862044.9		20.48	0.25	0.02	67.88	1041.23	0.99	23.81	87.15	0.15	1.34		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.66E-03
89	Daycare X	672076.5	4865285.8		20.18	0.17	0.02	66.85	1040.85	0.66	23.48	86.82	0.10	0.92		5.89E-08	1.04E-04		0.52	7.40E-03	4.42E-03	0.02	7.42E-04	0.19	1.60E-03
90	Daycare Y	672638.0	4859664.4		20.52	0.26	0.03	68.03	1041.29	1.02	23.84	87.18	0.15	1.40		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03
91	Daycare Z	673735.9	4858958.0		20.64	0.29	0.03	68.43	1041.44	0.83	23.65	86.99	0.17	1.56		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.69E-03
92	Daycare AA	673121.8	4863385.9		20.83	0.34	0.03	69.10	1041.68	0.74	23.56	86.91	0.20	1.83		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03
93	Daycare BB	673904.8	4862282.2		20.81	0.33	0.03	69.02	1041.65	1.08	23.90	87.24	0.20	1.80		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03
94	Daycare CC	671471.6	4861795.3		20.48	0.25	0.02	67.88	1041.23	0.78	23.60	86.94	0.15	1.34		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.66E-03
95	Daycare DD	673057.3	4862625.6		20.55	0.26	0.03	68.13	1041.32	0.91	23.73	87.07	0.16	1.44		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.68E-03
96	Daycare EE	674917.1	4863957.2		20.50	0.25	0.03	67.97	1041.26	0.85	23.67	87.01	0.15	1.38		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03
97	Daycare FF	671356.6	4862954.4		20.27	0.19	0.02	67.18	1040.97	0.81	23.63	86.97	0.12	1.05		5.91E-08	1.04E-04		0.52	7.40E-03					

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18		1.62	1.98E-09		2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05	5.06E-03
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03	
107	Daycare PP	674794.5	4864915.4		20.49	0.25	0.02	67.92	1041.25	0.82	23.64	86.98	0.15	1.36		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.66E-03
108	Hospital	686324.2	4864395.8		20.47	0.24	0.02	67.85	1041.22	1.08	23.90	87.24	0.15	1.33		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.66E-03
109	Hospital (Children's)	676057.8	4862180.9		23.79	1.10	0.11	79.32	1045.48	1.34	24.16	87.50	0.66	5.97		6.51E-08	1.11E-04		0.52	7.68E-03	4.46E-03	0.02	7.76E-04	0.20	2.32E-03
110	Hospital	671233.2	4863615.9		20.46	0.24	0.02	67.82	1041.21	0.76	23.58	86.92	0.15	1.32		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.66E-03
111	Comm. Resp. Services	676045.4	4863902.5		21.67	0.55	0.06	72.01	1042.77	1.35	24.17	87.51	0.33	3.01		6.15E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19	1.90E-03
112	Hospital	671712.7	4862364.1		20.57	0.27	0.03	68.19	1041.35	0.81	23.63	86.97	0.16	1.47		5.96E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.68E-03
113	Retirement Residence A	684199.9	4864120.3		21.67	0.55	0.06	72.02	1042.77	0.94	23.76	87.10	0.33	3.02		6.15E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19	1.90E-03
114	Retirement Residence B	685483.9	4865150.9		20.74	0.31	0.03	68.80	1041.57	0.90	23.72	87.06	0.19	1.71		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19	1.72E-03
115	Retirement Residence C	686844.0	4864732.1		20.79	0.33	0.03	68.96	1041.63	1.09	23.91	87.25	0.20	1.78		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.72E-03
116	Retirement Residence D	673481.7	4863343.4		20.92	0.36	0.04	69.41	1041.80	0.78	23.60	86.94	0.22	1.96		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	1.75E-03
117	Retirement Residence E	671825.2	4864399.0		20.51	0.25	0.03	67.99	1041.27	0.70	23.52	86.86	0.15	1.39		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03
118	Retirement Residence F	671606.3	4864536.0		20.43	0.23	0.02	67.70	1041.16	0.71	23.53	86.87	0.14	1.27		5.93E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.65E-03
119	Retirement Residence G	671357.1	4862958.7		20.27	0.19	0.02	67.15	1040.96	0.81	23.63	86.97	0.12	1.04		5.91E-08	1.04E-04		0.52	7.40E-03	4.42E-03	0.02	7.43E-04	0.19	1.62E-03
120	Retirement Residence H	671514.0	4862262.9		20.50	0.25	0.03	67.96	1041.26	0.81	23.63	86.97	0.15	1.37		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03
121	Retirement Residence I	672602.2	4863075.9		20.46	0.24	0.02	67.82	1041.21	0.79	23.61	86.95	0.14	1.31		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.66E-03
122	Retirement Residence J	671719.1	4862893.1		20.35	0.21	0.02	67.45	1041.07	0.81	23.63	86.97	0.13	1.17		5.92E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19	1.64E-03
123	Retirement Residence K	686718.0	4865648.7		21.12	0.41	0.04	70.09	1042.05	0.92	23.74	87.08	0.25	2.23		6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19	1.79E-03
124	Retirement Residence L	676168.7	4865669.9		20.72	0.31	0.03	68.74	1041.55	1.45	24.27	87.61	0.19	1.69		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19	1.71E-03
125	Retirement Residence M	676118.5	4863980.7		21.85	0.60	0.06	72.61	1042.99	1.47	24.29	87.63	0.36	3.26		6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.94E-03
126	Bow. Subdivision 12	684649.2	4863182.7		21.83	0.59	0.06	72.55	1042.97	0.96	23.78	87.12	0.36	3.23		6.17E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.57E-04	0.20	1.93E-03
127	Primary School B	685384.8	4863575.3		21.01	0.38	0.04	69.72	1041.92	1.10	23.92	87.26	0.23	2.09		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19	1.77E-03
128	Primary School C	685021.6	4863952.9		21.11	0.41	0.04	70.07	1042.05	1.06	23.88	87.22	0.25	2.23		6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19	1.79E-03
129	Primary School D	686237.0	4864085.5		20.69	0.30	0.03	68.63	1041.51	1.11	23.93	87.27	0.18	1.64		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19	1.71E-03
130	Primary School E	686719.0	4863734.7		20.67	0.30	0.03	68.55	1041.48	1.07	23.89	87.23	0.18	1.61		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.46E-04	0.19	1.70E-03
131	Primary School F	686357.0	4864754.9		21.10	0.41	0.04	70.04	1042.03	1.03	23.85	87.19	0.24	2.21		6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19	1.79E-03
132	Primary School G	685502.0	4865013.4		20.50	0.25	0.03	67.97	1041.26	1.00	23.82	87.16	0.15	1.37		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03
133	Primary School H	686726.7	4866061.5		20.48	0.25	0.02	67.88	1041.23	0.85	23.67	87.01	0.15	1.34		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.66E-03
134	Primary School I	685186.2	4866568.2		21.64	0.54	0.05	71.88	1042.72	0.74	23.56	86.90	0.33	2.96		6.14E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19	1.89E-03
135	Primary School J	685965.3	4866979.0		20.64	0.29	0.03	68.43	1041.43	0.68	23.50	86.84	0.17	1.56		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.69E-03
136	Primary School K	677709.9	4864726.5		21.46	0.50	0.05	71.27	1042.49	1.78	24.60	87.94	0.30	2.71		6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.86E-03
137	Primary School L	675988.3	4864270.2		21.53	0.52	0.05	71.51	1042.58	1.37	24.19	87.53	0.31	2.81		6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.55E-04	0.19	1.87E-03
138	Primary School M	676608.7	4862739.0		21.48	0.50	0.05	71.33	1042.51	1.75	24.57	87.91	0.30	2.74		6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.86E-03
139	Primary School N	677222.2	4863759.1		22.86	0.86	0.09	76.10	1044.29	2.54	25.36	88.70	0.51	4.67		6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.67E-04	0.20	2.14E-03
140	Primary School O	678154.9	4863872.7		22.40	0.74	0.07	74.52	1043.70	1.34	24.16	87.50	0.44	4.03		6.27E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20	2.05E-03
141	Court. Subdivision 12	678309.6	4863600.8		24.56	1.30	0.13	82.00	1046.48	1.31	24.13	87.47	0.78	7.06		6.64E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02	7.83E-04	0.21	2.48E-03
142	Primary School Q	677010.6	4862470.6		21.54	0.52	0.05	71.55	1042.59	2.44	25.26	88.60	0.31	2.82		6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.55E-04	0.19	1.87E-03
143	Primary School R	677431.3	4866694.7		20.48	0.25	0.02	67.88	1041.23	1.43	24.25	87.59	0.15	1.34		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.66E-03
144	Primary School S	675266.2	4863562.9		21.38	0.48	0.05	71.02	1042.40	0.97	23.79	87.13	0.29	2.61		6.10E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19	1.84E-03
145	Primary School T	673479.2	4860029.4		20.41	0.23	0.02	67.65	1041.14	1.09	23.91	87.25	0.14	1.25		5.93E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.65E-03
146	Primary School U	670856.0	4860710.6		20.17	0.17	0.02	66.83	1040.84	1.05	23.87	87.21	0.10	0.91		5.89E-08	1.04E-04		0.52	7.40E-03	4.42E-03	0.02	7.42E-04	0.19	1.60E-03
147	Primary School V	672660.2	4863909.2		20.70	0.30	0.03	68.65	1041.51	0.67	23.49	86.83	0.18	1.65		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19	1.71E-03
148	Primary School W	672735.2	4859232.9		20.62	0.28	0.03	68.36	1041.41	0.86	23.68	87.02	0.17	1.53		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.69E-03
149	Primary School X	673575.8	4862688.6		20.58	0.27	0.03	68.24	1041.36	0.94	23.76	87.10	0.16	1.49		5.96E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.68E-03
150	Primary School Y	673710.3	4861969.0		21.00	0.38	0.04	69.70	1041.91	1.20	24.02	87.36	0.23	2.08		6.03E-08	1.05E-04		0.52	7					



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)
160	Primary School II	672616.7	4862114.9		20.53	0.26	0.03	68.07	1041.30	0.96	23.78	87.12	0.16	1.42		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03
161	Primary School JJ	673567.2	4861899.5		20.90	0.35	0.04	69.34	1041.77	1.21	24.03	87.37	0.21	1.93		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.49E-04	0.19	1.75E-03
162	Primary School KK	671791.0	4861954.2		20.38	0.22	0.02	67.56	1041.11	0.79	23.61	86.95	0.13	1.21		5.93E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.44E-04	0.19	1.64E-03
163	Primary School LL	673762.3	4864210.6		20.54	0.26	0.03	68.10	1041.31	0.78	23.60	86.94	0.16	1.43		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03
164	Primary School MM	672238.8	4864621.3		20.42	0.23	0.02	67.70	1041.16	0.64	23.46	86.80	0.14	1.27		5.93E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.65E-03
165	Primary School NN	673213.6	4858677.0		20.38	0.22	0.02	67.55	1041.11	0.76	23.58	86.92	0.13	1.20		5.93E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.44E-04	0.19	1.64E-03
166	Primary School OO	675474.8	4863221.7		22.44	0.75	0.08	74.67	1043.75	1.06	23.88	87.22	0.45	4.09		6.28E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20	2.05E-03
167	Primary School PP	672441.8	4858748.6		20.62	0.28	0.03	68.37	1041.41	0.77	23.59	86.93	0.17	1.54		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.69E-03
168	Primary School QQ	672796.8	4864438.2		20.54	0.26	0.03	68.11	1041.31	0.66	23.48	86.82	0.16	1.43		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.68E-03
169	Primary School RR	671351.4	4863284.0		20.32	0.21	0.02	67.33	1041.03	0.79	23.61	86.95	0.12	1.12		5.91E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19	1.63E-03
170	Primary School SS	673213.9	4862125.5		20.89	0.35	0.04	69.29	1041.76	1.08	23.90	87.24	0.21	1.91		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.74E-03
171	Primary School TT	671017.9	4860953.7		20.21	0.18	0.02	66.95	1040.88	1.02	23.84	87.18	0.11	0.96		5.90E-08	1.04E-04		0.52	7.40E-03	4.42E-03	0.02	7.42E-04	0.19	1.61E-03
172	Primary School UU	670991.0	4861089.8		20.29	0.20	0.02	67.25	1040.99	0.97	23.79	87.13	0.12	1.08		5.91E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19	1.63E-03
173	Primary School VV	674150.1	4862294.8		20.79	0.33	0.03	68.98	1041.64	1.06	23.88	87.22	0.20	1.78		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03
174	Primary School WW	672005.2	4861707.9		20.54	0.26	0.03	68.10	1041.31	0.86	23.68	87.02	0.16	1.43		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.68E-03
175	Primary School XX	684172.1	4863615.6		21.30	0.46	0.05	70.72	1042.29	1.03	23.85	87.19	0.27	2.49		6.08E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.83E-03
176	Primary School YY	683923.3	4866636.4		20.59	0.27	0.03	68.27	1041.37	0.86	23.68	87.02	0.16	1.50		5.96E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.68E-03
177	Primary School ZZ	680446.0	4865770.5		21.05	0.39	0.04	69.84	1041.96	1.15	23.97	87.31	0.24	2.13		6.04E-08	1.05E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19	1.78E-03
178	Vacant School	685612.9	4864520.0		20.65	0.29	0.03	68.47	1041.45	1.15	23.97	87.31	0.17	1.58		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.70E-03
179	Secondary School A	686291.4	4865064.3		21.27	0.45	0.04	70.62	1042.25	1.00	23.82	87.16	0.27	2.45		6.08E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.82E-03
180	Secondary School B	683875.0	4864741.7		21.17	0.43	0.04	70.29	1042.13	0.89	23.71	87.05	0.26	2.31		6.06E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.51E-04	0.19	1.80E-03
181	Secondary School C	684650.3	4866460.3		20.87	0.35	0.03	69.23	1041.73	0.81	23.63	86.97	0.21	1.89		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.74E-03
182	Secondary School D	678099.5	4864838.2		20.92	0.36	0.04	69.40	1041.79	1.46	24.28	87.62	0.22	1.95		6.02E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.49E-04	0.19	1.75E-03
183	Secondary School E	678467.0	4863431.2		24.40	1.25	0.13	81.43	1046.27	1.35	24.17	87.51	0.75	6.83		6.61E-08	1.12E-04		0.52	7.73E-03	4.47E-03	0.02	7.82E-04	0.21	2.45E-03
184	Secondary School F	674144.9	4862762.7		21.23	0.44	0.04	70.47	1042.19	0.90	23.72	87.06	0.26	2.39		6.07E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.81E-03
185	Secondary School G	673816.0	4864357.1		20.34	0.21	0.02	67.39	1041.05	0.77	23.59	86.93	0.13	1.14		5.92E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19	1.63E-03
186	Secondary School H	673145.4	4858569.0		20.39	0.22	0.02	67.57	1041.11	0.75	23.57	86.91	0.13	1.21		5.93E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.44E-04	0.19	1.64E-03
187	Secondary School I	671291.7	4863581.3		20.46	0.24	0.02	67.81	1041.21	0.77	23.59	86.93	0.14	1.31		5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.66E-03
188	Secondary School J	671443.2	4861664.9		20.56	0.27	0.03	68.15	1041.33	0.78	23.60	86.94	0.16	1.45		5.96E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.68E-03
189	Secondary School K	673235.3	4860885.0		20.54	0.26	0.03	68.09	1041.31	1.41	24.23	87.57	0.16	1.43		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03
190	Secondary School L	684252.7	4866500.5		20.96	0.37	0.04	69.55	1041.85	0.85	23.67	87.01	0.22	2.02		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	1.76E-03
191	Secondary School M	673914.1	4859551.7		20.69	0.30	0.03	68.62	1041.51	0.94	23.76	87.10	0.18	1.64		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19	1.71E-03
192	Secondary School N	675051.5	4864177.2		20.52	0.26	0.03	68.02	1041.28	0.89	23.71	87.05	0.15	1.40		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03
193	Adult School	685276.1	4866019.8		21.19	0.43	0.04	70.34	1042.15	0.75	23.57	86.91	0.26	2.34		6.06E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.51E-04	0.19	1.80E-03
194	Bow. Valley Cons. 1	685356.6	4864521.2		20.77	0.32	0.03	68.90	1041.61	1.18	24.00	87.34	0.19	1.75		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19	1.72E-03
195	Bow. Valley Cons. 2	685627.7	4864167.8		20.79	0.33	0.03	68.96	1041.63	1.00	23.82	87.16	0.20	1.78		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.72E-03
196	Bow. Valley Cons. 4	685852.7	4863640.2		20.96	0.37	0.04	69.56	1041.85	1.14	23.96	87.30	0.22	2.02		6.03E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	1.76E-03
197	Bow. Valley Cons. 5	686163.1	4863621.5		20.86	0.34	0.03	69.19	1041.72	1.14	23.96	87.30	0.21	1.87		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.74E-03
198	Bow. Valley Cons. 6	685931.9	4863380.6		20.94	0.36	0.04	69.48	1041.82	1.17	23.99	87.33	0.22	1.99		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	1.75E-03
199	Maple Grove 1	681688.5	4864717.0		21.86	0.60	0.06	72.65	1043.01	1.39	24.21	87.55	0.36	3.27		6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.94E-03
200																									

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18		1.62	1.98E-09		2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05	5.06E-03
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03	
213	Port Darlington 5	686406.8	4861448.7		20.94	0.37	0.04	69.49	1041.83	0.74	23.56	86.90	0.22	1.99		6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	1.76E-03
214	Port Darlington 6	686504.5	4861604.0		21.08	0.40	0.04	69.98	1042.01	0.73	23.55	86.89	0.24	2.19		6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19	1.78E-03
215	Port Darlington 7	686703.0	4861789.3		21.11	0.41	0.04	70.07	1042.05	0.71	23.53	86.87	0.25	2.23		6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19	1.79E-03
216	Port Darlington 8	686895.8	4861960.2		20.78	0.32	0.03	68.94	1041.62	0.71	23.53	86.87	0.19	1.77		5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19	1.72E-03
217	Port Darlington 9	686867.4	4862119.7		20.50	0.25	0.03	67.97	1041.27	0.71	23.53	86.87	0.15	1.38		5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03
218	Port Darlington 10	687190.7	4862048.8		20.68	0.30	0.03	68.58	1041.49	0.67	23.49	86.83	0.18	1.62		5.98E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.46E-04	0.19	1.70E-03
219	Port Darlington 11	687524.4	4862126.8		20.91	0.36	0.04	69.38	1041.79	0.67	23.49	86.83	0.21	1.95		6.02E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.49E-04	0.19	1.75E-03
220	Campground 1	678646.3	4860337.7		23.56	1.04	0.10	78.53	1045.19	2.05	24.87	88.21	0.62	5.65		6.47E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.74E-04	0.20	2.28E-03
221	Campground 2	678410.2	4860148.6		23.15	0.93	0.09	77.13	1044.67	2.19	25.01	88.35	0.56	5.09		6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.20E-03
222	Campground 3	678651.0	4860054.4		23.54	1.03	0.10	78.46	1045.17	2.20	25.02	88.36	0.62	5.62		6.47E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.74E-04	0.20	2.27E-03
223	Campground 4	678725.9	4859860.7		23.61	1.05	0.11	78.70	1045.25	2.00	24.82	88.16	0.63	5.72		6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.74E-04	0.20	2.29E-03
224	Campground 5	678511.1	4859808.6		23.17	0.94	0.09	77.19	1044.69	1.97	24.79	88.13	0.56	5.11		6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.20E-03
225	Campground 6	678869.5	4859696.0		22.93	0.88	0.09	76.37	1044.39	1.64	24.46	87.80	0.53	4.78		6.36E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.68E-04	0.20	2.15E-03
226	Campground 7	678723.9	4860201.8		23.36	0.99	0.10	77.83	1044.93	2.19	25.01	88.35	0.59	5.37		6.44E-08	1.10E-04		0.52	7.65E-03	4.45E-03	0.02	7.72E-04	0.20	2.24E-03
227	Campground 8	678796.0	4860011.4		23.82	1.11	0.11	79.45	1045.53	2.16	24.98	88.32	0.66	6.02		6.52E-08	1.11E-04		0.52	7.68E-03	4.46E-03	0.02	7.76E-04	0.20	2.33E-03
228	Campground 9	678852.7	4859854.2		23.77	1.09	0.11	79.25	1045.46	1.93	24.75	88.09	0.66	5.95		6.51E-08	1.11E-04		0.52	7.68E-03	4.46E-03	0.02	7.76E-04	0.20	2.32E-03
229	Solina 1	681099.6	4861677.2		24.11	1.18	0.12	80.45	1045.91	2.59	25.41	88.75	0.71	6.43		6.57E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02	7.79E-04	0.21	2.39E-03
230	Solina 2	681115.7	4861857.7		25.06	1.42	0.14	83.71	1047.12	2.47	25.29	88.63	0.85	7.75		6.73E-08	1.14E-04		0.52	7.78E-03	4.47E-03	0.02	7.88E-04	0.21	2.58E-03
231	Solina 3	680987.4	4861983.5		23.69	1.07	0.11	78.98	1045.36	2.18	25.00	88.34	0.64	5.83		6.49E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	2.30E-03
232	Solina 4	680965.0	4862068.1		23.33	0.98	0.10	77.73	1044.89	2.02	24.84	88.18	0.59	5.33		6.43E-08	1.10E-04		0.52	7.64E-03	4.45E-03	0.02	7.72E-04	0.20	2.23E-03
233	Solina 5	681021.5	4862086.7		23.51	1.03	0.10	78.37	1045.13	2.09	24.91	88.25	0.62	5.59		6.46E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.73E-04	0.20	2.27E-03
234	Solina 6	680939.8	4862124.3		22.96	0.88	0.09	76.45	1044.42	2.01	24.83	88.17	0.53	4.81		6.37E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.68E-04	0.20	2.16E-03
235	Solina 7	680988.2	4862183.6		23.06	0.91	0.09	76.80	1044.55	2.00	24.82	88.16	0.55	4.95		6.38E-08	1.10E-04		0.52	7.62E-03	4.45E-03	0.02	7.69E-04	0.20	2.18E-03
236	Solina 8	680984.6	4862209.8		22.90	0.87	0.09	76.24	1044.34	2.00	24.82	88.16	0.52	4.73		6.36E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.68E-04	0.20	2.15E-03
237	Solina 9	680958.6	4862294.9		22.59	0.79	0.08	75.19	1043.95	2.00	24.82	88.16	0.47	4.30		6.30E-08	1.09E-04		0.52	7.59E-03	4.44E-03	0.02	7.65E-04	0.20	2.09E-03
238	Solina 10	680858.0	4862324.3		23.19	0.94	0.09	77.26	1044.72	1.92	24.74	88.08	0.57	5.14		6.41E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.20E-03
239	Solina 11	680990.3	4862403.5		23.23	0.95	0.10	77.40	1044.77	2.00	24.82	88.16	0.57	5.19		6.41E-08	1.10E-04		0.52	7.64E-03	4.45E-03	0.02	7.71E-04	0.20	2.21E-03
240	Recreational 1	681545.0	4860865.0		24.39	1.25	0.13	81.41	1046.26	2.02	24.84	88.18	0.75	6.82		6.61E-08	1.12E-04		0.52	7.73E-03	4.47E-03	0.02	7.82E-04	0.21	2.45E-03
241	Recreational 2	681563.7	4860687.4		27.55	2.07	0.21	92.34	1050.33	2.20	25.02	88.36	1.24	11.24		7.15E-08	1.19E-04		0.53	7.97E-03	4.50E-03	0.02	8.12E-04	0.22	3.08E-03
242	Recreational 3	681579.7	4860610.0		28.71	2.36	0.24	96.35	1051.82	2.52	25.34	88.68	1.42	12.87		7.35E-08	1.21E-04		0.53	8.07E-03	4.52E-03	0.02	8.23E-04	0.23	3.31E-03
243	Recreational 6	681876.6	4860254.4		25.54	1.55	0.15	85.37	1047.73	2.04	24.86	88.20	0.93	8.42		6.81E-08	1.15E-04		0.52	7.82E-03	4.48E-03	0.02	7.93E-04	0.21	2.67E-03
244	Recreational 7	682166.9	4860324.4		24.11	1.18	0.12	80.42	1045.89	1.94	24.76	88.10	0.71	6.42		6.56E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.79E-04	0.21	2.39E-03
245	Darlington 1	679565.4	4861052.9		26.80	1.87	0.19	89.75	1049.36	2.07	24.89	88.23	1.12	10.19		7.03E-08	1.17E-04		0.53	7.92E-03	4.49E-03	0.02	8.05E-04	0.22	2.93E-03
246	Darlington 2	679452.9	4861051.4		26.54	1.80	0.18	88.84	1049.02	2.07	24.89	88.23	1.08	9.83		6.98E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02	8.02E-04	0.22	2.87E-03
247	Darlington 3	679130.5	4860948.8		26.22	1.72	0.17	87.73	1048.61	2.14	24.96	88.30	1.03	9.38		6.93E-08	1.16E-04		0.53	7.87E-03	4.49E-03	0.02	7.99E-04	0.21	2.81E-03
248	Darlington 4	679112.6	4860941.9		26.80	1.87	0.19	89.74	1049.36	2.19	25.01	88.35	1.12	10.19		7.03E-08	1.17E-04		0.53	7.92E-03	4.49E-03	0.02	8.05E-04	0.22	2.93E-03
249	Darlington 5	679057.6	4860994.1		27.32	2.01	0.20	91.53	1050.03	2.14	24.96	88.30	1.20	10.92		7.11E-08	1.18E-04		0.53	7.96E-03	4.50E-03	0.02	8.10E-04	0.22	3.03E-03
250	Darlington 6	679075.2	4860931.6		27.57	2.07	0.21	92.40	1050.35	2.25	25.07	88.41	1.24	11.27		7.16E-08	1.19E-04		0.53	7.98E-03	4.50E-03	0.02	8.12E-04	0.22	3.08E-03
251	Darlington 7	678814.3	4860843.1		24.27	1.22	0.12	81.00	1046.11	2.47	25.29	88.63	0.73	6.65		6.59E-08	1.12E-04		0.52	7.72E-03	4.46E-03	0.02	7.81E-04	0.21	2.42E-03
252	Darlington 8	678840.4	4860777.1		24.23	1.21	0.12	80.84	1046.05	2.28	25.10	88.44	0.73	6.59		6.58E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02	7.80E-04	0.21	2.41E-03
253	Light Ind. 1	680000.1	4861034.1		26.74	1.86	0.19	89.54	1049.28	2.49	25.31	88.65	1.11	10.11		7.02E-08	1.17E-04		0.53	7.91E-03	4.49E-03	0.02	8.04E-04	0.22	2.92E-03
254	Light Ind. 2	680060.7	4861056.4		27.15	1.96	0.20	90.94	1049.80	2.60	25.42	88.76	1.18	10.68		7.09E-08	1.18E-04		0.53	7.94E-03	4.50E-03	0.02	8.08E-04	0.22	3.00E-03
255	Light Ind. 3	680291.2	4861151.6		26.75	1.86	0.19	89.57	1049.29	2.12	24.94	88.28	1.12	10.12		7.02E-08	1.17E-04		0.53	7.91E-03	4.49E-03	0.02	8.04E-04	0.22	2.92E-03
256	Light Ind. 4	680536.3	4861204.6		26.29	1.74	0.17	87.98	1048.70	2.60	25.42	88.76	1.04	9.48	</										

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals							
																		Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18	1.62		1.98E-09	2.39E-06		1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05	5.06E-03	2.31E-04
				Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16				5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03
266	Future Industrial 8	680398.0	4860731.8		31.88	3.18	0.32	107.29	1055.89	3.89	26.71	90.05	1.91	17.30		7.90E-08	1.28E-04		0.53	8.31E-03	4.56E-03	0.02	8.53E-04	0.24	3.94E-03
267	Future Industrial 1	680359.6	4859959.2		27.76	2.12	0.21	93.04	1050.59	2.81	25.63	88.97	1.27	11.53		7.19E-08	1.19E-04		0.53	7.99E-03	4.51E-03	0.02	8.14E-04	0.22	3.12E-03
268	Future Industrial 2	680083.7	4859985.7		27.03	1.93	0.19	90.52	1049.65	2.27	25.09	88.43	1.16	10.51		7.06E-08	1.18E-04		0.53	7.93E-03	4.50E-03	0.02	8.07E-04	0.22	2.97E-03
269	Future Industrial 3	680819.9	4860705.3		28.97	2.43	0.24	97.23	1052.15	3.70	26.52	89.86	1.46	13.23		7.40E-08	1.22E-04		0.53	8.09E-03	4.52E-03	0.02	8.25E-04	0.23	3.36E-03
270	Future Industrial 4	681070.0	4859937.2		29.15	2.48	0.25	97.88	1052.39	2.60	25.42	88.76	1.49	13.49		7.43E-08	1.22E-04		0.53	8.10E-03	4.52E-03	0.02	8.27E-04	0.23	3.40E-03
271	Future Industrial 5	679898.8	4860067.4		27.02	1.93	0.19	90.51	1049.65	2.36	25.18	88.52	1.16	10.50		7.06E-08	1.18E-04		0.53	7.93E-03	4.50E-03	0.02	8.07E-04	0.22	2.97E-03
272	Future Industrial 6	680134.8	4860694.1		29.98	2.69	0.27	100.74	1053.45	2.97	25.79	89.13	1.61	14.65		7.57E-08	1.24E-04		0.53	8.16E-03	4.53E-03	0.02	8.35E-04	0.23	3.56E-03
273	Future Industrial 11	680253.7	4860255.2		35.19	4.03	0.40	118.73	1060.14	4.32	27.14	90.48	2.42	21.93		8.46E-08	1.35E-04		0.54	8.57E-03	4.60E-03	0.02	8.85E-04	0.25	4.60E-03
274	Future Industrial 12	679901.2	4860511.8		28.02	2.19	0.22	93.95	1050.93	2.48	25.30	88.64	1.31	11.90		7.23E-08	1.20E-04		0.53	8.01E-03	4.51E-03	0.02	8.16E-04	0.22	3.17E-03
275	Commercial Farmer	679867.8	4860445.4		28.93	2.42	0.24	97.10	1052.10	2.54	25.36	88.70	1.45	13.17		7.39E-08	1.22E-04		0.53	8.08E-03	4.52E-03	0.02	8.25E-04	0.23	3.35E-03
276	Farmer	679277.0	4859981.5		24.14	1.19	0.12	80.54	1045.94	1.95	24.77	88.11	0.71	6.46		6.57E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02	7.79E-04	0.21	2.39E-03
277	Residence	679387.2	4860648.9		24.85	1.37	0.14	83.00	1046.85	1.80	24.62	87.96	0.82	7.46		6.69E-08	1.13E-04		0.52	7.76E-03	4.47E-03	0.02	7.86E-04	0.21	2.54E-03
278	Barn	679261.9	4860574.2		24.55	1.29	0.13	81.97	1046.47	1.68	24.50	87.84	0.78	7.04		6.64E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02	7.83E-04	0.21	2.48E-03
279	Residence	680150.7	4861295.7		25.35	1.50	0.15	84.72	1047.49	1.81	24.63	87.97	0.90	8.16		6.78E-08	1.14E-04		0.52	7.80E-03	4.48E-03	0.02	7.91E-04	0.21	2.64E-03
280	Residence	679939.8	4861213.4		26.57	1.81	0.18	88.95	1049.07	2.75	25.57	88.91	1.09	9.87		6.99E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02	8.03E-04	0.22	2.88E-03
281	Farmer	680855.7	4861456.9		25.84	1.63	0.16	86.43	1048.13	2.59	25.41	88.75	0.98	8.85		6.86E-08	1.15E-04		0.52	7.84E-03	4.48E-03	0.02	7.96E-04	0.21	2.74E-03
282	Farmer	681386.2	4861673.3		24.53	1.29	0.13	81.88	1046.44	1.87	24.69	88.03	0.77	7.01		6.64E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02	7.83E-04	0.21	2.47E-03
283	Residence	680683.5	4861597.9		24.91	1.38	0.14	83.19	1046.92	2.32	25.14	88.48	0.83	7.54		6.70E-08	1.13E-04		0.52	7.77E-03	4.47E-03	0.02	7.87E-04	0.21	2.55E-03
284	Business	680064.3	4861343.7		25.10	1.43	0.14	83.85	1047.17	1.79	24.61	87.95	0.86	7.80		6.73E-08	1.14E-04		0.52	7.78E-03	4.47E-03	0.02	7.89E-04	0.21	2.59E-03
285	Farmer	679680.1	4861213.5		25.74	1.60	0.16	86.07	1047.99	2.59	25.41	88.75	0.96	8.70		6.84E-08	1.15E-04		0.52	7.83E-03	4.48E-03	0.02	7.95E-04	0.21	2.71E-03
286	Farmer	681344.8	4861792.9		23.60	1.05	0.11	78.69	1045.25	2.10	24.92	88.26	0.63	5.72		6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.74E-04	0.20	2.29E-03
287	Youth Centre	685644.2	4864814.8		20.79	0.33	0.03	68.97	1041.64	1.11	23.93	87.27	0.20	1.78		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03
288	Bowmanville Arena	685462.9	4864615.2		20.81	0.33	0.03	69.03	1041.66	1.17	23.99	87.33	0.20	1.80		6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03
289	Bowmanville Rec Complex	684160.3	4864604.5		20.91	0.36	0.04	69.39	1041.79	0.93	23.75	87.09	0.21	1.95		6.02E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.49E-04	0.19	1.75E-03
290	Recreation Complex	684586.6	4862406.3		21.56	0.52	0.05	71.63	1042.62	1.22	24.04	87.38	0.31	2.86		6.13E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19	1.88E-03
291	Superdog Central	681487.7	4865723.3		20.89	0.35	0.04	69.31	1041.76	1.16	23.98	87.32	0.21	1.92		6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.75E-03
292	Equestrian Centre	681567.1	4863670.7		23.49	1.02	0.10	78.30	1045.10	1.89	24.71	88.05	0.61	5.56		6.46E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.73E-04	0.20	2.26E-03
293	Flea Market	678574.6	4862819.4		22.25	0.70	0.07	74.02	1043.51	1.23	24.05	87.39	0.42	3.83		6.25E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20	2.02E-03
294	Equestrian Centre	680030.8	4867320.2		20.35	0.21	0.02	67.45	1041.07	0.77	23.59	86.93	0.13	1.16		5.92E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19	1.64E-03
295	Courtice Community Complex	678099.3	4864629.8		21.08	0.40	0.04	69.96	1042.01	1.46	24.28	87.62	0.24	2.18		6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19	1.78E-03
296	Former Restaurant	679830.2	4860702.2		25.28	1.48	0.15	84.50	1047.41	2.27	25.09	88.43	0.89	8.07		6.77E-08	1.14E-04		0.52	7.80E-03	4.48E-03	0.02	7.90E-04	0.21	2.62E-03
297	Commercial	679364.8	4861016.0		25.69	1.59	0.16	85.89	1047.93	2.14	24.96	88.30	0.95	8.63		6.83E-08	1.15E-04		0.52	7.83E-03	4.48E-03	0.02	7.94E-04	0.21	2.70E-03
298	GM Oshawa Headquarters	676418.3	4860463.7		21.78	0.58	0.06	72.39	1042.91	1.77	24.59	87.93	0.35	3.17		6.17E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.92E-03
299	Farm A?	682972.3	4862201.9		23.10	0.92	0.09	76.93	1044.60	1.28	24.10	87.44	0.55	5.01		6.39E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.69E-04	0.20	2.19E-03
300	Farm B?	683546.9	4861959.7		22.17	0.68	0.07	73.72	1043.40	1.08	23.90	87.24	0.41	3.70		6.23E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.61E-04	0.20	2.00E-03
301	Farm C?	682547.5	4862321.1		22.50	0.77	0.08	74.86	1043.83	1.21	24.03	87.37	0.46	4.17		6.29E-08	1.08E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20	2.07E-03
302	Farm D?	683238.3	4862393.3		22.71	0.82	0.08	75.59	1044.10	1.21	24.03	87.37	0.49	4.46		6.32E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.66E-04	0.20	2.11E-03
303	Farm E?	682512.6	4862858.0		22.60	0.79	0.08	75.21	1043.96	1.71	24.53	87.87	0.47	4.31		6.31E-08	1.09E-04		0.52	7.59E-03	4.44E-03	0.02	7.65E-04	0.20	2.09E-03
304	Farm F?	683129.1	4863649.4		21.82	0.59	0.06	72.51	1042.95	1.46	24.28	87.62	0.35	3.21		6.17E-08	1.07E-04		0.52	7.53E-03	4.43E-03	0.02	7.57E-04	0.20	1.93E-03
305	Bennett 1	688209.3	4862512.1		20.66																				

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18		1.62	1.98E-09		2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05	5.06E-03
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03	
319	Soper 7	685683.2	4867148.1		20.87	0.35	0.03	69.23	1041.73	0.72	23.54	86.88	0.21	1.89	6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.74E-03	
320	Soper 8	686748.7	4865874.7		20.85	0.34	0.03	69.17	1041.71	0.89	23.71	87.05	0.21	1.86	6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.74E-03	
321	Bowmanville 1	687026.3	4862368.4		20.52	0.26	0.03	68.02	1041.28	0.93	23.75	87.09	0.15	1.40	5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03	
322	Bowmanville 2	686625.7	4863020.3		20.93	0.36	0.04	69.46	1041.82	0.97	23.79	87.13	0.22	1.98	6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	1.75E-03	
323	Bowmanville 3	683380.3	4865365.9		21.10	0.41	0.04	70.03	1042.03	0.99	23.81	87.15	0.24	2.21	6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.50E-04	0.19	1.79E-03	
324	Bowmanville 4	683111.4	4867150.3		20.74	0.31	0.03	68.79	1041.57	0.75	23.57	86.91	0.19	1.71	5.99E-08	1.05E-04		0.52	7.44E-03	4.42E-03	0.02	7.47E-04	0.19	1.71E-03	
325	Bowmanville 5	682452.2	4869417.5		20.25	0.19	0.02	67.09	1040.94	0.65	23.47	86.81	0.11	1.02	5.90E-08	1.04E-04		0.52	7.40E-03	4.42E-03	0.02	7.42E-04	0.19	1.62E-03	
326	Bowmanville 6	684778.5	4864888.2		20.79	0.33	0.03	68.96	1041.63	0.87	23.69	87.03	0.20	1.78	6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.72E-03	
327	Bowmanville 7	684549.5	4866404.4		20.87	0.35	0.03	69.24	1041.73	0.82	23.64	86.98	0.21	1.89	6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.74E-03	
328	Upper Tooley 1	679944.8	4864883.1		21.27	0.45	0.04	70.61	1042.24	1.13	23.95	87.29	0.27	2.44	6.08E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.82E-03	
329	Upper Tooley 2	679055.1	4863885.8		24.11	1.18	0.12	80.42	1045.89	1.42	24.24	87.58	0.71	6.42	6.56E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.79E-04	0.21	2.39E-03	
330	Upper Tooley 3	679714.0	4862767.4		22.60	0.79	0.08	75.21	1043.96	1.08	23.90	87.25	0.47	4.31	6.31E-08	1.09E-04		0.52	7.59E-03	4.44E-03	0.02	7.65E-04	0.20	2.09E-03	
331	Upper Tooley 4	678898.8	4861800.6		23.64	1.06	0.11	78.83	1045.30	2.60	25.42	88.76	0.64	5.77	6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	2.30E-03	
332	Upper Tooley 5	680353.5	4862156.5		24.18	1.20	0.12	80.67	1045.99	1.72	24.54	87.88	0.72	6.52	6.58E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02	7.80E-04	0.21	2.40E-03	
333	Upper Tooley 6	679818.1	4861625.7		24.54	1.29	0.13	81.93	1046.45	1.50	24.32	87.66	0.77	7.03	6.64E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02	7.83E-04	0.21	2.47E-03	
334	Robinson 1	678434.8	4860943.1		23.66	1.06	0.11	78.87	1045.32	2.61	25.43	88.77	0.64	5.79	6.49E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	2.30E-03	
335	Robinson 2	677752.6	4861240.6		23.02	0.90	0.09	76.65	1044.49	3.23	26.05	89.39	0.54	4.89	6.38E-08	1.10E-04		0.52	7.62E-03	4.45E-03	0.02	7.69E-04	0.20	2.17E-03	
336	Robinson 3	677642.2	4861787.2		22.27	0.71	0.07	74.07	1043.53	2.91	25.73	89.07	0.42	3.85	6.25E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.62E-04	0.20	2.02E-03	
337	Robinson 4	678532.7	4862143.6		23.23	0.95	0.10	77.40	1044.77	2.32	25.14	88.48	0.57	5.19	6.41E-08	1.10E-04		0.52	7.64E-03	4.45E-03	0.02	7.71E-04	0.20	2.21E-03	
338	Robinson 5	678005.1	4862784.9		21.93	0.62	0.06	72.89	1043.09	2.29	25.11	88.45	0.37	3.37	6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.95E-03	
339	Robinson 6	677882.7	4860587.7		22.48	0.76	0.08	74.81	1043.81	1.83	24.65	87.99	0.46	4.14	6.29E-08	1.08E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20	2.06E-03	
340	F/B 1	677443.1	4867862.1		20.63	0.28	0.03	68.40	1041.42	1.22	24.04	87.38	0.17	1.55	5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.69E-03	
341	F/B 2	679667.4	4866611.4		20.80	0.33	0.03	68.99	1041.64	0.81	23.63	86.97	0.20	1.79	6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03	
342	F/B 3	678655.0	4867470.1		20.45	0.24	0.02	67.78	1041.19	1.12	23.94	87.28	0.14	1.30	5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.66E-03	
343	F/B 4	676191.2	4866844.7		20.51	0.25	0.03	67.98	1041.27	1.25	24.07	87.41	0.15	1.38	5.95E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03	
344	F/B 5	678273.3	4866093.0		21.16	0.42	0.04	70.23	1042.10	1.32	24.14	87.48	0.25	2.29	6.06E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19	1.80E-03	
345	F/B 6	681241.2	4867098.8		20.83	0.34	0.03	69.10	1041.68	0.96	23.78	87.12	0.20	1.83	6.00E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.48E-04	0.19	1.73E-03	
346	F/B 7	682165.3	4868082.3		20.39	0.22	0.02	67.57	1041.11	0.78	23.60	86.94	0.13	1.21	5.93E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.44E-04	0.19	1.64E-03	
347	F/B 8	679366.6	4868628.3		20.54	0.26	0.03	68.10	1041.31	0.93	23.75	87.09	0.16	1.43	5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03	
348	F/B 9	680310.1	4869967.1		20.34	0.21	0.02	67.41	1041.05	0.78	23.60	86.94	0.13	1.15	5.92E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19	1.63E-03	
349	F/B 10	676487.3	4869291.6		20.43	0.23	0.02	67.73	1041.17	0.94	23.76	87.10	0.14	1.28	5.93E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.65E-03	
350	F/B 11	676851.4	4865409.3		20.48	0.25	0.02	67.88	1041.23	1.75	24.57	87.91	0.15	1.34	5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.66E-03	
351	F/B 12	681153.3	4868682.2		20.47	0.24	0.02	67.87	1041.22	0.72	23.54	86.88	0.15	1.33	5.94E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.45E-04	0.19	1.66E-03	
352	F/B 13	675416.3	4859833.9		21.22	0.44	0.04	70.43	1042.18	1.12	23.94	87.28	0.26	2.37	6.07E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.81E-03	
353	Second 1	675153.4	4860552.8		21.53	0.52	0.05	71.53	1042.59	2.00	24.82	88.16	0.31	2.82	6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.55E-04	0.19	1.87E-03	
354	Second 2	675297.5	4860891.3		21.55	0.52	0.05	71.60	1042.61	2.03	24.85	88.19	0.31	2.85	6.13E-08	1.07E-04		0.52	7.50E-03	4.43E-03	0.02	7.55E-04	0.19	1.88E-03	
355	Second 3	675647.2	4860644.9		21.90	0.61	0.06	72.81	1043.06	2.17	24.99	88.33	0.37	3.34	6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.95E-03	
356	Second 4	675670.5	4860076.5		21.12	0.41	0.04	70.10	1042.06	1.23	24.05	87.39	0.25	2.24	6.05E-08	1.06E-04		0.52	7.47E-03	4.43E-03	0.02	7.51E-04	0.19	1.79E-03	
357	Second 5	676043.3	4860319.1		21.52	0.51	0.05	71.48	1042.57	1.68	24.50	87.84	0.31	2.80	6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.87E-03	
358	Second 6	675923.4	4859821.4		21.23	0.44	0.04	70.50	1042.20	1.12	23.94	87.28	0.26	2.40	6.07E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.81E-03	
359	McLaughlin Bay 1	676714.7	4860903.8		21.59	0.53	0.05	71.74	1042.67	1.58	24.40	87.74	0.32	2.90	6.13E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19	1.89E-03	
360	McLaughlin Bay 2	677310.8	4860528.2		22.04	0.65	0.06	73.27	1043.23	1.63	24.45	87.79	0.39	3.52	6.21E-08	1.08E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.97E-03	
361	McLaughlin Bay 3	676563.5	4860260.1		21.64	0.55	0.05	71.91	1042.73	1.36	24.18	87.52	0.33	2.97	6.14E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19	1.90E-03	
362	McLaughlin Bay 4	676699.5	4859696.6		22.22	0.69	0.07	73.90	1043.47	1.18	24.00	87.34	0.42	3.78	6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20	2.01E-03	
363	McLaughlin Bay 5	677560.0	4860060.1		22.41	0.74	0.0																		



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18		1.62	1.98E-09		2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05	5.06E-03
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16			5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03
372	Westside 1	686082.6	4862776.6		21.24	0.44	0.04	70.50	1042.21	1.03	23.85	87.19	0.26	2.40		6.07E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.81E-03
373	Westside 2	685778.7	4862137.9		21.01	0.38	0.04	69.74	1041.92	1.07	23.89	87.23	0.23	2.09		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19	1.77E-03
374	Westside 3	685084.2	4862827.4		21.53	0.52	0.05	71.51	1042.58	1.38	24.20	87.54	0.31	2.81		6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.55E-04	0.19	1.87E-03
375	Darlington 1	680977.5	4865674.4		21.00	0.38	0.04	69.70	1041.91	1.24	24.06	87.40	0.23	2.08		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.50E-04	0.19	1.77E-03
376	Darlington 2	680913.9	4863967.1		22.24	0.70	0.07	73.97	1043.49	1.68	24.50	87.84	0.42	3.80		6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20	2.01E-03
377	Darlington 3	682602.8	4863659.6		22.10	0.66	0.07	73.50	1043.32	1.60	24.42	87.76	0.40	3.61		6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.99E-03
378	Darlington 4	682206.4	4862910.4		22.66	0.81	0.08	75.43	1044.04	1.76	24.58	87.93	0.48	4.40		6.32E-08	1.09E-04		0.52	7.59E-03	4.45E-03	0.02	7.65E-04	0.20	2.10E-03
379	Darlington 5	683223.2	4861114.0		21.80	0.59	0.06	72.46	1042.93	1.35	24.17	87.51	0.35	3.19		6.17E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.20	1.93E-03
380	Darlington 6	683947.7	4862362.0		21.88	0.61	0.06	72.71	1043.03	0.97	23.79	87.13	0.36	3.30		6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.94E-03
381	Darlington 7	685361.9	4861143.4		21.25	0.44	0.04	70.55	1042.22	0.79	23.61	86.95	0.27	2.42		6.07E-08	1.06E-04		0.52	7.48E-03	4.43E-03	0.02	7.52E-04	0.19	1.82E-03
382	Bennett ECO/HH	688606.4	4862634.8		20.57	0.27	0.03	68.19	1041.34	0.92	23.74	87.08	0.16	1.46		5.96E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.68E-03
383	Oshawa ECO/HH	673884.9	4859128.9		21.00	0.38	0.04	69.68	1041.90	0.87	23.69	87.03	0.23	2.07		6.03E-08	1.05E-04		0.52	7.46E-03	4.43E-03	0.02	7.49E-04	0.19	1.77E-03
384	Oshawa Creek 1	671671.2	4862793.7		20.43	0.23	0.02	67.71	1041.17	0.81	23.63	86.97	0.14	1.27		5.93E-08	1.04E-04		0.52	7.42E-03	4.42E-03	0.02	7.44E-04	0.19	1.65E-03
385	Oshawa Creek 2	671668.5	4861589.5		20.59	0.27	0.03	68.25	1041.37	0.80	23.62	86.96	0.16	1.49		5.96E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.68E-03
386	Oshawa Creek 3	672820.2	4861287.2		20.63	0.29	0.03	68.42	1041.43	1.20	24.02	87.36	0.17	1.56		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.69E-03
387	Oshawa Creek 4	672360.3	4860262.6		20.30	0.20	0.02	67.27	1041.00	1.14	23.96	87.30	0.12	1.09		5.91E-08	1.04E-04		0.52	7.41E-03	4.42E-03	0.02	7.43E-04	0.19	1.63E-03
388	Oshawa Creek 5	673921.2	4860115.0		20.63	0.28	0.03	68.40	1041.42	1.29	24.11	87.45	0.17	1.55		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.69E-03
389	Oshawa Creek 6	673154.0	4859421.9		20.63	0.29	0.03	68.41	1041.43	0.84	23.66	87.00	0.17	1.55		5.97E-08	1.05E-04		0.52	7.43E-03	4.42E-03	0.02	7.46E-04	0.19	1.69E-03
390	Farmer	677409.8	4861051.4		22.77	0.84	0.08	75.81	1044.18	3.08	25.90	89.24	0.50	4.55		6.34E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.66E-04	0.20	2.12E-03
391	Commercial Market	688276.3	4864698.5		20.54	0.26	0.03	68.08	1041.31	0.93	23.75	87.09	0.16	1.42		5.95E-08	1.04E-04		0.52	7.43E-03	4.42E-03	0.02	7.45E-04	0.19	1.67E-03



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
																					(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05	6.59E-03	0.02		6.76E-05	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06
				Background Concentration (ug/m3)			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		2.63E-02		0.11			
1	Campground 10	678526.8	4859996.8		5.27E-03	3.66E-05	6.97E-03	2.13E-03	0.02	1.72E-03	0.02	0.18	1.22E-03	7.40E-03	4.46E-03	9.36E-03	3.91E-03	0.13	0.57		0.03	5.90E-06	0.11	1.99E-05	5.99E-06	1.18E-05
2	ECO 2	675490.4	4860360.1		2.68E-03	1.86E-05	6.85E-03	1.81E-03	0.02	8.74E-04	0.02	0.18	1.03E-03	7.37E-03	2.27E-03	8.37E-03	3.84E-03	0.11	0.54		0.03	3.00E-06	0.11	1.01E-05	3.05E-06	6.00E-06
3	Recreational 5	681642.0	4860349.3		0.01	7.42E-05	7.24E-03	2.81E-03	0.02	3.48E-03	0.03	0.19	1.61E-03	7.46E-03	9.04E-03	0.01	4.04E-03	0.15	0.62		0.03	1.19E-05	0.11	4.03E-05	1.21E-05	2.39E-05
4	ECO 4	676831.5	4859840.9		2.71E-03	1.88E-05	6.85E-03	1.81E-03	0.02	8.82E-04	0.02	0.18	1.03E-03	7.37E-03	2.29E-03	8.38E-03	3.84E-03	0.12	0.54		0.03	3.03E-06	0.11	1.02E-05	3.08E-06	6.06E-06
5	Bow. Valley Cons. 3	685767.2	4863879.0		1.68E-03	1.17E-05	6.80E-03	1.68E-03	0.01	5.48E-04	0.01	0.18	9.55E-04	7.36E-03	1.42E-03	7.99E-03	3.82E-03	0.11	0.53		0.03	1.88E-06	0.11	6.35E-06	1.91E-06	3.76E-06
6	ECO 6	679647.8	4859989.3		0.01	7.21E-05	7.22E-03	2.78E-03	0.02	3.38E-03	0.03	0.19	1.59E-03	7.45E-03	8.79E-03	0.01	4.03E-03	0.15	0.62		0.03	1.16E-05	0.11	3.92E-05	1.18E-05	2.32E-05
7	ECO 7	681578.8	4862070.1		4.84E-03	3.36E-05	7.33E-03	2.08E-03	0.02	1.58E-03	0.02	0.18	1.18E-03	7.40E-03	4.10E-03	9.20E-03	3.89E-03	0.12	0.56		0.03	5.41E-06	0.11	1.83E-05	5.50E-06	1.08E-05
8	ECO 8	679735.5	4861048.6		9.94E-03	6.91E-05	7.20E-03	2.72E-03	0.02	3.24E-03	0.03	0.19	1.56E-03	7.45E-03	8.43E-03	0.01	4.02E-03	0.15	0.61		0.03	1.11E-05	0.11	3.76E-05	1.13E-05	2.23E-05
9	ECO 9	687219.7	4864249.3		1.25E-03	8.68E-06	6.78E-03	1.63E-03	0.01	4.07E-04	0.01	0.18	9.23E-04	7.36E-03	1.06E-03	7.82E-03	3.80E-03	0.11	0.53		0.03	1.40E-06	0.11	4.71E-06	1.42E-06	2.79E-06
10	ECO 10	686519.0	4861987.6		1.91E-03	1.33E-05	6.81E-03	1.71E-03	0.01	6.21E-04	0.01	0.18	9.71E-04	7.37E-03	1.62E-03	8.07E-03	3.82E-03	0.11	0.53		0.03	2.13E-06	0.11	7.20E-06	2.17E-06	4.27E-06
11	ECO 11	679870.4	4859737.9		8.52E-03	5.92E-05	7.13E-03	2.54E-03	0.02	2.78E-03	0.03	0.18	1.45E-03	7.43E-03	7.22E-03	0.01	3.99E-03	0.14	0.60		0.03	9.54E-06	0.11	3.22E-05	9.69E-06	1.91E-05
12	Recreational 4	681575.5	4860557.7		0.01	8.80E-05	7.33E-03	3.06E-03	0.03	4.12E-03	0.03	0.19	1.75E-03	7.48E-03	0.01	0.01	4.09E-03	0.16	0.64		0.03	1.42E-05	0.11	4.78E-05	1.44E-05	2.83E-05
13	Future Industrial 9	680704.5	4859857.8		6.81E-03	4.74E-05	7.05E-03	2.33E-03	0.02	2.22E-03	0.02	0.18	1.33E-03	7.42E-03	5.77E-03	9.95E-03	3.94E-03	0.13	0.58		0.03	7.62E-06	0.11	2.57E-05	7.75E-06	1.52E-05
14	Future Industrial 10	680608.0	4860719.6		0.02	1.17E-04	7.54E-03	3.59E-03	0.03	5.49E-03	0.04	0.19	2.06E-03	7.52E-03	0.01	0.01	4.20E-03	0.18	0.68		0.03	1.88E-05	0.11	6.36E-05	1.91E-05	3.77E-05
15	Harmony Creek	673992.4	4865641.4		1.04E-03	7.24E-06	6.77E-03	1.60E-03	0.01	3.40E-04	0.01	0.18	9.08E-04	7.36E-03	8.83E-04	7.74E-03	3.80E-03	0.11	0.53		0.03	1.17E-06	0.11	3.93E-06	1.18E-06	2.33E-06
16	Farewell Creek	678079.2	4868822.7		1.07E-03	7.46E-06	6.77E-03	1.61E-03	0.01	3.50E-04	0.01	0.18	9.11E-04	7.36E-03	9.09E-04	7.76E-03	3.80E-03	0.11	0.53		0.03	1.20E-06	0.11	4.05E-06	1.22E-06	2.40E-06
17	Farmer	681378.6	4860335.0		9.29E-03	6.46E-05	7.17E-03	2.64E-03	0.02	3.03E-03	0.03	0.18	1.51E-03	7.44E-03	7.88E-03	0.01	4.01E-03	0.14	0.61		0.03	1.04E-05	0.11	3.51E-05	1.06E-05	2.08E-05
18	Watson Farm	682883.4	4864219.7		3.43E-03	2.39E-05	6.88E-03	1.90E-03	0.02	1.12E-03	0.02	0.18	1.08E-03	7.38E-03	2.91E-03	8.66E-03	3.86E-03	0.12	0.55		0.03	3.84E-06	0.11	1.30E-05	3.90E-06	7.68E-06
19	Racanski Farm	678929.2	4865530.2		1.86E-03	1.30E-05	6.81E-03	1.71E-03	0.01	6.08E-04	0.01	0.18	9.68E-04	7.37E-03	1.58E-03	8.06E-03	3.82E-03	0.11	0.53		0.03	2.09E-06	0.11	7.04E-06	2.12E-06	4.17E-06
20	Zoo	687216.8	4864835.3		1.16E-03	8.08E-06	6.77E-03	1.62E-03	0.01	3.79E-04	0.01	0.18	9.17E-04	7.36E-03	9.85E-04	7.79E-03	3.80E-03	0.11	0.53		0.03	1.30E-06	0.11	4.39E-06	1.32E-06	2.60E-06
21	Cedar Crest Beach	686652.1	4861660.9		2.34E-03	1.63E-05	6.83E-03	1.77E-03	0.01	7.65E-04	0.02	0.18	1.00E-03	7.37E-03	1.99E-03	8.24E-03	3.83E-03	0.11	0.54		0.03	2.63E-06	0.11	8.86E-06	2.67E-06	5.25E-06
22	Darlington Prov Park Beach	677844.6	4859718.2		3.52E-03	2.45E-05	6.89E-03	1.91E-03	0.02	1.15E-03	0.02	0.18	1.09E-03	7.38E-03	2.98E-03	8.69E-03	3.86E-03	0.12	0.55		0.03	3.94E-06	0.11	1.33E-05	4.00E-06	7.88E-06
23	OPG 1	682258.1	4860045.0		5.27E-03	3.67E-05	6.97E-03	2.13E-03	0.02	1.72E-03	0.02	0.18	1.22E-03	7.40E-03	4.47E-03	9.36E-03	3.91E-03	0.13	0.57		0.03	5.90E-06	0.11	1.99E-05	6.00E-06	1.18E-05
24	OPG 2	682551.4	4859889.1		4.46E-03	3.11E-05	6.93E-03	2.03E-03	0.02	1.46E-03	0.02	0.18	1.16E-03	7.39E-03	3.78E-03	9.05E-03	3.89E-03	0.12	0.56		0.03	5.00E-06	0.11	1.69E-05	5.08E-06	9.99E-06
25	OPG 3	682824.6	4859759.3		3.89E-03	2.71E-05	6.91E-03	1.96E-03	0.02	1.27E-03	0.02	0.18	1.12E-03	7.39E-03	3.30E-03	8.83E-03	3.87E-03	0.12	0.55		0.03	4.36E-06	0.11	1.47E-05	4.43E-06	8.71E-06
26	OPG 4	683021.6	4859937.3		4.50E-03	3.13E-05	6.94E-03	2.04E-03	0.02	1.47E-03	0.02	0.18	1.16E-03	7.39E-03	3.82E-03	9.07E-03	3.89E-03	0.12	0.56		0.03	5.04E-06	0.11	1.70E-05	5.12E-06	1.01E-05
27	OPG 5	683318.2	4859677.8		3.09E-03	2.15E-05	6.87E-03	1.86E-03	0.02	1.01E-03	0.02	0.18	1.06E-03	7.38E-03	2.62E-03	8.53E-03	3.85E-03	0.12	0.55		0.03	3.46E-06	0.11	1.17E-05	3.52E-06	6.92E-06
28	OPG 6	683306.9	4860023.0		4.06E-03	2.83E-05	6.91E-03	1.98E-03	0.02	1.32E-03	0.02	0.18	1.13E-03	7.39E-03	3.44E-03	8.90E-03	3.88E-03	0.12	0.56		0.03	4.55E-06	0.11	1.53E-05	4.62E-06	9.09E-06
29	OPG 7	683718.6	4859915.8		3.25E-03	2.26E-05	6.87E-03	1.88E-03	0.02	1.06E-03	0.02	0.18	1.07E-03	7.38E-03	2.75E-03	8.59E-03	3.85E-03	0.12	0.55		0.03	3.63E-06	0.11	1.23E-05	3.69E-06	7.27E-06
30	OPG 8	682702.0	4859998.6		3.98E-03	2.77E-05	6.91E-03	1.97E-03	0.02	1.30E-03	0.02	0.18	1.12E-03	7.39E-03	3.38E-03	8.87E-03	3.87E-03	0.12	0.56		0.03	4.46E-06	0.11	1.51E-05	4.53E-06	8.92E-06
31	OPG 9	684347.7	4861184.6		3.11E-03	2.16E-05	6.87E-03	1.86E-03	0.02	1.01E-03	0.02	0.18	1.06E-03	7.38E-03	2.64E-03	8.54E-03	3.85E-03	0.12	0.55		0.03	3.48E-06	0.11	1.18E-05	3.54E-06	6.96E-06
32	OPG 10	682157.2	4861228.2		5.83E-03	4.05E-05	7.00E-03	2.20E-03	0.02	1.90E-03	0.02	0.18	1.26E-03	7.41E-03	4.94E-03	9.58E-03	3.92E-03	0.13	0.57		0.03	6.53E-06	0.11	2.20E-05	6.63E-06	1.31E-05
33	St. Mary's 1	684557.0	4861070.0		3.35E-03	2.33E-05	6.88E-03	1.89E-03	0.02	1.09E-03	0.02	0.18	1.08E-03	7.38E-03	2.84E-03	8.63E-03	3.86E-03	0.12	0.55		0.03	3.75E-06	0.11	1.27E-05	3.81E-06	7.50E-06
34	St. Mary's 2	684657.3	4861320.8		2.93E-03	2.04E-05	6.86E-03	1.84E-03	0.02	9.55E-04	0.02	0.18	1.05E-03	7.38E-03	2.48E-03	8.47E-03	3.85E-03	0.12	0.54	</						

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
																					(g/s)	(ug/m3)	6.76E-05	1.70E-06	1.70E-06	5.74E-06
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05	6.59E-03	0.02		6.76E-05	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06
				Background Concentration (ug/m3)			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		2.63E-02		0.11			
54	Bow. Subdivision 9	684777.3	4863330.5		3.41E-03	2.37E-05	6.88E-03	1.90E-03	0.02	1.11E-03	0.02	0.18	1.08E-03	7.38E-03	2.89E-03	8.65E-03	3.86E-03	0.12	0.55		0.03	3.82E-06	0.11	1.29E-05	3.88E-06	7.64E-06
55	Bow. Subdivision 10	685266.0	4863243.1		2.39E-03	1.66E-05	6.83E-03	1.77E-03	0.01	7.79E-04	0.02	0.18	1.01E-03	7.37E-03	2.03E-03	8.26E-03	3.83E-03	0.11	0.54		0.03	2.68E-06	0.11	9.03E-06	2.72E-06	5.35E-06
56	Osh/Court Subdivision 1	677396.8	4860977.3		4.20E-03	2.92E-05	6.92E-03	2.00E-03	0.02	1.37E-03	0.02	0.18	1.14E-03	7.39E-03	3.56E-03	8.95E-03	3.88E-03	0.12	0.56		0.03	4.70E-06	0.11	1.59E-05	4.78E-06	9.41E-06
57	Osh/Court Subdivision 2	676633.5	4860816.8		2.96E-03	2.06E-05	6.86E-03	1.84E-03	0.02	9.65E-04	0.02	0.18	1.05E-03	7.38E-03	2.51E-03	8.48E-03	3.85E-03	0.12	0.54		0.03	3.31E-06	0.11	1.12E-05	3.37E-06	6.63E-06
58	Osh/Court Subdivision 3	676916.0	4861925.0		3.11E-03	2.16E-05	6.87E-03	1.86E-03	0.02	1.01E-03	0.02	0.18	1.06E-03	7.38E-03	2.64E-03	8.54E-03	3.85E-03	0.12	0.55		0.03	3.48E-06	0.11	1.18E-05	3.54E-06	6.97E-06
59	Osh/Court Subdivision 4	676730.5	4861317.1		3.10E-03	2.16E-05	6.87E-03	1.86E-03	0.02	1.01E-03	0.02	0.18	1.06E-03	7.38E-03	2.63E-03	8.53E-03	3.85E-03	0.12	0.55		0.03	3.47E-06	0.11	1.17E-05	3.53E-06	6.95E-06
60	Osh/Court Subdivision 5	676087.2	4861392.3		2.66E-03	1.85E-05	6.84E-03	1.81E-03	0.02	8.67E-04	0.02	0.18	1.03E-03	7.37E-03	2.25E-03	8.36E-03	3.84E-03	0.11	0.54		0.03	2.98E-06	0.11	1.00E-05	3.03E-06	5.95E-06
61	Osh/Court Subdivision 6	676177.1	4861722.2		3.13E-03	2.18E-05	6.87E-03	1.87E-03	0.02	1.02E-03	0.02	0.18	1.06E-03	7.38E-03	2.65E-03	8.54E-03	3.85E-03	0.12	0.55		0.03	3.51E-06	0.11	1.18E-05	3.56E-06	7.01E-06
62	Osh/Court Subdivision 7	675670.7	4861783.2		2.17E-03	1.51E-05	6.82E-03	1.74E-03	0.01	7.07E-04	0.02	0.18	9.91E-04	7.37E-03	1.84E-03	8.18E-03	3.83E-03	0.11	0.54		0.03	2.43E-06	0.11	8.20E-06	2.47E-06	4.86E-06
63	Osh/Court Subdivision 8	676050.8	4862055.7		5.24E-03	3.65E-05	6.97E-03	2.13E-03	0.02	1.71E-03	0.02	0.18	1.21E-03	7.40E-03	4.44E-03	9.35E-03	3.91E-03	0.13	0.57		0.03	5.87E-06	0.11	1.98E-05	5.96E-06	1.17E-05
64	Osh/Court Subdivision 9	676636.9	4862134.3		2.94E-03	2.04E-05	6.86E-03	1.84E-03	0.02	9.57E-04	0.02	0.18	1.05E-03	7.38E-03	2.49E-03	8.47E-03	3.85E-03	0.12	0.54		0.03	3.29E-06	0.11	1.11E-05	3.34E-06	6.57E-06
65	Osh/Court Subdivision 10	676571.3	4861634.8		2.57E-03	1.79E-05	6.84E-03	1.79E-03	0.01	8.39E-04	0.02	0.18	1.02E-03	7.37E-03	2.18E-03	8.33E-03	3.84E-03	0.11	0.54		0.03	2.88E-06	0.11	9.72E-06	2.93E-06	5.76E-06
66	Bow. Subdivision 11	684649.2	4863182.7		3.03E-03	2.11E-05	6.86E-03	1.85E-03	0.02	9.90E-04	0.02	0.18	1.05E-03	7.38E-03	2.57E-03	8.51E-03	3.85E-03	0.12	0.55		0.03	3.40E-06	0.11	1.15E-05	3.45E-06	6.79E-06
67	Daycare B	685172.4	4863933.1		1.76E-03	1.22E-05	6.80E-03	1.69E-03	0.01	5.73E-04	0.01	0.18	9.60E-04	7.36E-03	1.49E-03	8.02E-03	3.82E-03	0.11	0.53		0.03	1.97E-06	0.11	6.64E-06	2.00E-06	3.93E-06
68	Daycare C	685452.0	4863104.4		2.34E-03	1.63E-05	6.83E-03	1.77E-03	0.01	7.62E-04	0.02	0.18	1.00E-03	7.37E-03	1.98E-03	8.24E-03	3.83E-03	0.11	0.54		0.03	2.62E-06	0.11	8.84E-06	2.66E-06	5.24E-06
69	Daycare D	685527.7	4864693.3		1.70E-03	1.18E-05	6.80E-03	1.68E-03	0.01	5.53E-04	0.01	0.18	9.56E-04	7.36E-03	1.44E-03	7.99E-03	3.82E-03	0.11	0.53		0.03	1.90E-06	0.11	6.41E-06	1.93E-06	3.80E-06
70	Daycare E	685735.4	4864790.8		1.68E-03	1.17E-05	6.80E-03	1.68E-03	0.01	5.49E-04	0.01	0.18	9.55E-04	7.36E-03	1.43E-03	7.99E-03	3.82E-03	0.11	0.53		0.03	1.89E-06	0.11	6.36E-06	1.92E-06	3.77E-06
71	Daycare F	685520.3	4864854.3		1.61E-03	1.12E-05	6.79E-03	1.67E-03	0.01	5.24E-04	0.01	0.18	9.50E-04	7.36E-03	1.36E-03	7.96E-03	3.81E-03	0.11	0.53		0.03	1.80E-06	0.11	6.07E-06	1.83E-06	3.60E-06
72	Daycare G	685441.9	4864878.0		1.47E-03	1.02E-05	6.79E-03	1.66E-03	0.01	4.80E-04	0.01	0.18	9.40E-04	7.36E-03	1.25E-03	7.91E-03	3.81E-03	0.11	0.53		0.03	1.65E-06	0.11	5.56E-06	1.67E-06	3.30E-06
73	Daycare H	686364.8	4864707.8		2.00E-03	1.39E-05	6.81E-03	1.72E-03	0.01	6.51E-04	0.01	0.18	9.78E-04	7.37E-03	1.69E-03	8.11E-03	3.82E-03	0.11	0.54		0.03	2.24E-06	0.11	7.54E-06	2.27E-06	4.47E-06
74	Daycare I	685721.6	4865127.3		1.36E-03	9.46E-06	6.78E-03	1.64E-03	0.01	4.43E-04	0.01	0.18	9.32E-04	7.36E-03	1.15E-03	7.87E-03	3.81E-03	0.11	0.53		0.03	1.52E-06	0.11	5.14E-06	1.55E-06	3.04E-06
75	Daycare J	678256.3	4863565.4		6.84E-03	4.76E-05	7.05E-03	2.33E-03	0.02	2.23E-03	0.02	0.18	1.33E-03	7.42E-03	5.80E-03	9.96E-03	3.95E-03	0.13	0.58		0.03	7.66E-06	0.11	2.58E-05	7.78E-06	1.53E-05
76	Daycare K	677694.1	4864043.7		3.21E-03	2.23E-05	6.87E-03	1.87E-03	0.02	1.05E-03	0.02	0.18	1.07E-03	7.38E-03	2.72E-03	8.57E-03	3.85E-03	0.12	0.55		0.03	3.59E-06	0.11	1.21E-05	3.65E-06	7.18E-06
77	Daycare L	676479.5	4862526.2		3.71E-03	2.58E-05	6.90E-03	1.94E-03	0.02	1.21E-03	0.02	0.18	1.10E-03	7.38E-03	3.15E-03	8.77E-03	3.87E-03	0.12	0.55		0.03	4.15E-06	0.11	1.40E-05	4.22E-06	8.31E-06
78	Daycare M	678320.9	4864763.5		1.92E-03	1.34E-05	6.81E-03	1.71E-03	0.01	6.28E-04	0.01	0.18	9.73E-04	7.37E-03	1.63E-03	8.08E-03	3.82E-03	0.11	0.53		0.03	2.15E-06	0.11	7.27E-06	2.19E-06	4.31E-06
79	Daycare N	678513.4	4865058.0		2.30E-03	1.60E-05	6.83E-03	1.76E-03	0.01	7.51E-04	0.02	0.18	1.00E-03	7.37E-03	1.95E-03	8.23E-03	3.83E-03	0.11	0.54		0.03	2.58E-06	0.11	8.71E-06	2.62E-06	5.16E-06
80	Daycare O	672788.7	4863936.6		1.69E-03	1.18E-05	6.80E-03	1.68E-03	0.01	5.53E-04	0.01	0.18	9.56E-04	7.36E-03	1.44E-03	7.99E-03	3.82E-03	0.11	0.53		0.03	1.90E-06	0.11	6.40E-06	1.93E-06	3.80E-06
81	Daycare P	673952.8	4863592.5		2.47E-03	1.72E-05	6.84E-03	1.78E-03	0.01	8.05E-04	0.02	0.18	1.01E-03	7.37E-03	2.09E-03	8.29E-03	3.84E-03	0.11	0.54		0.03	2.76E-06	0.11	9.33E-06	2.81E-06	5.53E-06
82	Daycare Q	671751.8	4864887.7		1.01E-03	6.99E-06	6.76E-03	1.60E-03	0.01	3.28E-04	0.01	0.18	9.06E-04	7.36E-03	8.52E-04	7.73E-03	3.80E-03	0.11	0.53		0.03	1.13E-06	0.11	3.80E-06	1.14E-06	2.25E-06
83	Daycare R	685714.4	4864667.4		1.66E-03	1.15E-05	6.80E-03	1.68E-03	0.01	5.41E-04	0.01	0.18	9.53E-04	7.36E-03	1.41E-03	7.98E-03	3.81E-03	0.11	0.53		0.03	1.86E-06	0.11	6.27E-06	1.89E-06	3.71E-06
84	Daycare S	684177.9	4863618.2		2.30E-03	1.60E-05	6.83E-03	1.76E-03	0.01	7.50E-04	0.02	0.18	1.00E-03	7.37E-03	1.95E-03	8.23E-03	3.83E-03	0.11	0.54		0.03	2.58E-06	0.11	8.70E-06	2.62E-06	5.15E-06
85	Daycare T	678423.6	4864480.4		2.59E-03	1.80E-05	6.84E-03	1.80E-03	0.01	8.45E-04	0.02	0.18	1.02E-03	7.37E-03	2.20E-03	8.34E-03	3.84E-03	0.11	0.54		0.03	2.90E-06	0.11	9.79E-06	2.95E-06	5.80E-06
86	Daycare U	685330.5	4863435.1		2.17E-03	1.51E-05	6.82E-03	1.74E-03	0.01	7.07E-04	0.02	0.18	9.90E-04	7.37E-03	1.84E-03	8.18E-03	3.83E-03	0.11	0.54		0.03	2.43E-06	0.11	8.19E-06	2.47E-06	4.86E-06
87	Daycare V	685153.2	4863236.9		2.32E-03	1.61E-05	6.83E-03	1.76E-03	0.01	7.55E-04	0.02	0.18	1.00E-03	7.37E-03	1.96E-03	8.23E-03	3.83E-03	0.11	0.54		0.03	2.59E-06				

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/P articulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
																					(g/s)	(ug/m3)	6.76E-05	1.70E-06	1.70E-06	5.74E-06
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05	6.59E-03	0.02		6.76E-05	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06
				Background Concentration (ug/m3)			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		2.63E-02		0.11			
107	Daycare PP	674794.5	4864915.4		1.27E-03	8.86E-06	6.78E-03	1.63E-03	0.01	4.15E-04	0.01	0.18	9.25E-04	7.36E-03	1.08E-03	7.83E-03	3.80E-03	0.11	0.53		0.03	1.43E-06	0.11	4.81E-06	1.45E-06	2.85E-06
108	Hospital	686324.2	4864395.8		1.25E-03	8.67E-06	6.78E-03	1.63E-03	0.01	4.07E-04	0.01	0.18	9.23E-04	7.36E-03	1.06E-03	7.82E-03	3.80E-03	0.11	0.53		0.03	1.40E-06	0.11	4.71E-06	1.42E-06	2.79E-06
109	Hospital (Children's)	676057.8	4862180.9		5.61E-03	3.90E-05	6.99E-03	2.18E-03	0.02	1.83E-03	0.02	0.18	1.24E-03	7.40E-03	4.75E-03	9.49E-03	3.91E-03	0.13	0.57		0.03	6.28E-06	0.11	2.12E-05	6.38E-06	1.26E-05
110	Hospital	671233.2	4863615.9		1.24E-03	8.60E-06	6.78E-03	1.63E-03	0.01	4.03E-04	0.01	0.18	9.23E-04	7.36E-03	1.05E-03	7.82E-03	3.80E-03	0.11	0.53		0.03	1.38E-06	0.11	4.67E-06	1.41E-06	2.77E-06
111	Comm. Resp. Services	676045.4	4863902.5		2.83E-03	1.97E-05	6.85E-03	1.83E-03	0.02	9.23E-04	0.02	0.18	1.04E-03	7.38E-03	2.40E-03	8.43E-03	3.84E-03	0.12	0.54		0.03	3.17E-06	0.11	1.07E-05	3.22E-06	6.33E-06
112	Hospital	671712.7	4862364.1		1.38E-03	9.58E-06	6.78E-03	1.64E-03	0.01	4.49E-04	0.01	0.18	9.33E-04	7.36E-03	1.17E-03	7.87E-03	3.81E-03	0.11	0.53		0.03	1.54E-06	0.11	5.20E-06	1.57E-06	3.08E-06
113	Retirement Residence A	684199.9	4864120.3		2.83E-03	1.97E-05	6.85E-03	1.83E-03	0.02	9.23E-04	0.02	0.18	1.04E-03	7.38E-03	2.40E-03	8.43E-03	3.84E-03	0.12	0.54		0.03	3.17E-06	0.11	1.07E-05	3.22E-06	6.34E-06
114	Retirement Residence B	685483.9	4865150.9		1.61E-03	1.12E-05	6.79E-03	1.67E-03	0.01	5.25E-04	0.01	0.18	9.50E-04	7.36E-03	1.36E-03	7.96E-03	3.81E-03	0.11	0.53		0.03	1.80E-06	0.11	6.08E-06	1.83E-06	3.60E-06
115	Retirement Residence C	686844.0	4864732.1		1.67E-03	1.16E-05	6.80E-03	1.68E-03	0.01	5.44E-04	0.01	0.18	9.54E-04	7.36E-03	1.41E-03	7.98E-03	3.81E-03	0.11	0.53		0.03	1.87E-06	0.11	6.30E-06	1.90E-06	3.73E-06
116	Retirement Residence D	673481.7	4863343.4		1.84E-03	1.28E-05	6.81E-03	1.70E-03	0.01	6.00E-04	0.01	0.18	9.66E-04	7.36E-03	1.56E-03	8.05E-03	3.82E-03	0.11	0.53		0.03	2.06E-06	0.11	6.95E-06	2.09E-06	4.12E-06
117	Retirement Residence E	671825.2	4864399.0		1.30E-03	9.05E-06	6.78E-03	1.63E-03	0.01	4.24E-04	0.01	0.18	9.27E-04	7.36E-03	1.10E-03	7.84E-03	3.81E-03	0.11	0.53		0.03	1.46E-06	0.11	4.91E-06	1.48E-06	2.91E-06
118	Retirement Residence F	671606.3	4864536.0		1.19E-03	8.28E-06	6.77E-03	1.62E-03	0.01	3.88E-04	0.01	0.18	9.19E-04	7.36E-03	1.01E-03	7.80E-03	3.80E-03	0.11	0.53		0.03	1.33E-06	0.11	4.50E-06	1.35E-06	2.67E-06
119	Retirement Residence G	671357.1	4862958.7		9.80E-04	6.82E-06	6.76E-03	1.59E-03	0.01	3.20E-04	0.01	0.18	9.04E-04	7.36E-03	8.31E-04	7.72E-03	3.80E-03	0.11	0.53		0.03	1.10E-06	0.11	3.70E-06	1.11E-06	2.19E-06
120	Retirement Residence H	671514.0	4862262.9		1.29E-03	8.96E-06	6.78E-03	1.63E-03	0.01	4.20E-04	0.01	0.18	9.26E-04	7.36E-03	1.09E-03	7.84E-03	3.81E-03	0.11	0.53		0.03	1.44E-06	0.11	4.87E-06	1.46E-06	2.88E-06
121	Retirement Residence I	672602.2	4863075.9		1.23E-03	8.58E-06	6.78E-03	1.63E-03	0.01	4.02E-04	0.01	0.18	9.22E-04	7.36E-03	1.05E-03	7.82E-03	3.80E-03	0.11	0.53		0.03	1.38E-06	0.11	4.66E-06	1.40E-06	2.76E-06
122	Retirement Residence J	671719.1	4862893.1		1.09E-03	7.62E-06	6.77E-03	1.61E-03	0.01	3.57E-04	0.01	0.18	9.12E-04	7.36E-03	9.28E-04	7.76E-03	3.80E-03	0.11	0.53		0.03	1.23E-06	0.11	4.14E-06	1.25E-06	2.45E-06
123	Retirement Residence K	686718.0	4865648.7		2.10E-03	1.46E-05	6.82E-03	1.74E-03	0.01	6.84E-04	0.01	0.18	9.85E-04	7.37E-03	1.78E-03	8.15E-03	3.83E-03	0.11	0.54		0.03	2.35E-06	0.11	7.93E-06	2.39E-06	4.70E-06
124	Retirement Residence L	676168.7	4865669.9		1.58E-03	1.10E-05	6.79E-03	1.67E-03	0.01	5.16E-04	0.01	0.18	9.48E-04	7.36E-03	1.34E-03	7.95E-03	3.81E-03	0.11	0.53		0.03	1.77E-06	0.11	5.98E-06	1.80E-06	3.54E-06
125	Retirement Residence M	676118.5	4863980.7		3.06E-03	2.13E-05	6.87E-03	1.86E-03	0.02	9.97E-04	0.02	0.18	1.06E-03	7.38E-03	2.59E-03	8.52E-03	3.85E-03	0.12	0.55		0.03	3.42E-06	0.11	1.16E-05	3.48E-06	6.84E-06
126	Bow. Subdivision 12	684649.2	4863182.7		3.03E-03	2.11E-05	6.86E-03	1.85E-03	0.02	9.90E-04	0.02	0.18	1.05E-03	7.38E-03	2.57E-03	8.51E-03	3.85E-03	0.12	0.55		0.03	3.40E-06	0.11	1.15E-05	3.45E-06	6.79E-06
127	Primary School B	685384.8	4863575.3		1.96E-03	1.36E-05	6.81E-03	1.72E-03	0.01	6.39E-04	0.01	0.18	9.75E-04	7.37E-03	1.66E-03	8.09E-03	3.82E-03	0.11	0.53		0.03	2.19E-06	0.11	7.40E-06	2.23E-06	4.39E-06
128	Primary School C	685021.6	4863952.9		2.09E-03	1.45E-05	6.82E-03	1.73E-03	0.01	6.82E-04	0.01	0.18	9.85E-04	7.37E-03	1.77E-03	8.15E-03	3.83E-03	0.11	0.54		0.03	2.34E-06	0.11	7.90E-06	2.38E-06	4.68E-06
129	Primary School D	686237.0	4864085.5		1.54E-03	1.07E-05	6.79E-03	1.66E-03	0.01	5.02E-04	0.01	0.18	9.45E-04	7.36E-03	1.31E-03	7.94E-03	3.81E-03	0.11	0.53		0.03	1.73E-06	0.11	5.82E-06	1.75E-06	3.45E-06
130	Primary School E	686719.0	4863734.7		1.51E-03	1.05E-05	6.79E-03	1.66E-03	0.01	4.93E-04	0.01	0.18	9.43E-04	7.36E-03	1.28E-03	7.92E-03	3.81E-03	0.11	0.53		0.03	1.69E-06	0.11	5.71E-06	1.72E-06	3.39E-06
131	Primary School F	686357.0	4864754.9		2.08E-03	1.45E-05	6.82E-03	1.73E-03	0.01	6.78E-04	0.01	0.18	9.84E-04	7.37E-03	1.76E-03	8.14E-03	3.83E-03	0.11	0.54		0.03	2.33E-06	0.11	7.85E-06	2.36E-06	4.65E-06
132	Primary School G	685502.0	4864013.4		1.29E-03	8.98E-06	6.78E-03	1.63E-03	0.01	4.21E-04	0.01	0.18	9.27E-04	7.36E-03	1.09E-03	7.84E-03	3.81E-03	0.11	0.53		0.03	1.44E-06	0.11	4.88E-06	1.47E-06	2.89E-06
133	Primary School H	686726.7	4866061.5		1.26E-03	8.74E-06	6.78E-03	1.63E-03	0.01	4.10E-04	0.01	0.18	9.24E-04	7.36E-03	1.06E-03	7.83E-03	3.80E-03	0.11	0.53		0.03	1.41E-06	0.11	4.75E-06	1.43E-06	2.81E-06
134	Primary School I	685186.2	4866568.2		2.78E-03	1.93E-05	6.85E-03	1.82E-03	0.02	9.06E-04	0.02	0.18	1.04E-03	7.37E-03	2.36E-03	8.41E-03	3.84E-03	0.12	0.54		0.03	3.11E-06	0.11	1.05E-05	3.16E-06	6.22E-06
135	Primary School J	685965.3	4866979.0		1.46E-03	1.02E-05	6.79E-03	1.66E-03	0.01	4.78E-04	0.01	0.18	9.39E-04	7.36E-03	1.24E-03	7.91E-03	3.81E-03	0.11	0.53		0.03	1.64E-06	0.11	5.54E-06	1.67E-06	3.28E-06
136	Primary School K	677709.9	4864726.5		2.54E-03	1.77E-05	6.84E-03	1.79E-03	0.01	8.30E-04	0.02	0.18	1.02E-03	7.37E-03	2.16E-03	8.32E-03	3.84E-03	0.11	0.54		0.03	2.85E-06	0.11	9.62E-06	2.89E-06	5.70E-06
137	Primary School L	675988.3	4864270.2		2.64E-03	1.84E-05	6.84E-03	1.80E-03	0.01	8.61E-04	0.02	0.18	1.02E-03	7.37E-03	2.24E-03	8.36E-03	3.84E-03	0.11	0.54		0.03	2.95E-06	0.11	9.97E-06	3.00E-06	5.91E-06
138	Primary School M	676608.7	4862739.0		2.57E-03	1.79E-05	6.84E-03	1.79E-03	0.01	8.38E-04	0.02	0.18	1.02E-03	7.37E-03	2.18E-03	8.33E-03	3.84E-03	0.11	0.54		0.03	2.88E-06	0.11	9.71E-06	2.92E-06	5.75E-06
139	Primary School N	677222.2	4863759.1		4.38E-03	3.05E-05	6.93E-03	2.02E-03	0.02	1.43E-03	0.02	0.18	1.15E-03	7.39E-03	3.72E-03	9.02E-03	3.88E-03	0.12	0.56		0.03	4.91E-06	0.11	1.66E-05	4.99E-06	9.81E-06
140	Primary School O	678154.9	4863872.7		3.78E-03	2.63E-05	6.90E-03	1.95E-03	0.02	1.23E-03	0.02	0.18	1.11E-03	7.39E-03	3.21E-03	8.79E-03	3.87E-03	0.12	0.55		0.03	4.23E-06	0.			



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
																					(g/s)	(ug/m3)	6.76E-05	1.70E-06	1.70E-06	5.74E-06
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05	6.59E-03	0.02		6.76E-05	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06
				Background Concentration (ug/m3)			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		2.63E-02		0.11			
160	Primary School II	672616.7	4862114.9		1.33E-03	9.25E-06	6.78E-03	1.64E-03	0.01	4.33E-04	0.01	0.18	9.29E-04	7.36E-03	1.13E-03	7.85E-03	3.81E-03	0.11	0.53		0.03	1.49E-06	0.11	5.02E-06	1.51E-06	2.98E-06
161	Primary School JJ	673567.2	4861899.5		1.81E-03	1.26E-05	6.80E-03	1.70E-03	0.01	5.91E-04	0.01	0.18	9.64E-04	7.36E-03	1.54E-03	8.04E-03	3.82E-03	0.11	0.53		0.03	2.03E-06	0.11	6.84E-06	2.06E-06	4.05E-06
162	Primary School KK	671791.0	4861954.2		1.13E-03	7.89E-06	6.77E-03	1.61E-03	0.01	3.70E-04	0.01	0.18	9.15E-04	7.36E-03	9.62E-04	7.78E-03	3.80E-03	0.11	0.53		0.03	1.27E-06	0.11	4.29E-06	1.29E-06	2.54E-06
163	Primary School LL	673762.3	4864210.6		1.34E-03	9.32E-06	6.78E-03	1.64E-03	0.01	4.37E-04	0.01	0.18	9.30E-04	7.36E-03	1.14E-03	7.86E-03	3.81E-03	0.11	0.53		0.03	1.50E-06	0.11	5.06E-06	1.52E-06	3.00E-06
164	Primary School MM	672238.8	4864621.3		1.19E-03	8.26E-06	6.77E-03	1.62E-03	0.01	3.87E-04	0.01	0.18	9.19E-04	7.36E-03	1.01E-03	7.80E-03	3.80E-03	0.11	0.53		0.03	1.33E-06	0.11	4.49E-06	1.35E-06	2.66E-06
165	Primary School NN	673213.6	4858677.0		1.13E-03	7.86E-06	6.77E-03	1.61E-03	0.01	3.68E-04	0.01	0.18	9.15E-04	7.36E-03	9.58E-04	7.78E-03	3.80E-03	0.11	0.53		0.03	1.27E-06	0.11	4.27E-06	1.29E-06	2.53E-06
166	Primary School OO	675474.8	4863221.7		3.84E-03	2.67E-05	6.90E-03	1.95E-03	0.02	1.25E-03	0.02	0.18	1.11E-03	7.39E-03	3.25E-03	8.81E-03	3.87E-03	0.12	0.55		0.03	4.30E-06	0.11	1.45E-05	4.37E-06	8.59E-06
167	Primary School PP	672441.8	4858748.6		1.44E-03	1.00E-05	6.79E-03	1.65E-03	0.01	4.70E-04	0.01	0.18	9.38E-04	7.36E-03	1.22E-03	7.90E-03	3.81E-03	0.11	0.53		0.03	1.62E-06	0.11	5.45E-06	1.64E-06	3.23E-06
168	Primary School QQ	672796.8	4864438.2		1.34E-03	9.35E-06	6.78E-03	1.64E-03	0.01	4.38E-04	0.01	0.18	9.30E-04	7.36E-03	1.14E-03	7.86E-03	3.81E-03	0.11	0.53		0.03	1.50E-06	0.11	5.08E-06	1.53E-06	3.01E-06
169	Primary School RR	671351.4	4863284.0		1.05E-03	7.30E-06	6.77E-03	1.60E-03	0.01	3.42E-04	0.01	0.18	9.09E-04	7.36E-03	8.90E-04	7.75E-03	3.80E-03	0.11	0.53		0.03	1.18E-06	0.11	3.97E-06	1.19E-06	2.35E-06
170	Primary School SS	673213.9	4862125.5		1.79E-03	1.25E-05	6.80E-03	1.70E-03	0.01	5.85E-04	0.01	0.18	9.63E-04	7.36E-03	1.52E-03	8.03E-03	3.82E-03	0.11	0.53		0.03	2.01E-06	0.11	6.78E-06	2.04E-06	4.02E-06
171	Primary School TT	671017.9	4860953.7		9.02E-04	6.28E-06	6.76E-03	1.58E-03	0.01	2.94E-04	0.01	0.18	8.98E-04	7.36E-03	7.65E-04	7.69E-03	3.80E-03	0.11	0.52		0.03	1.01E-06	0.11	3.41E-06	1.03E-06	2.02E-06
172	Primary School UU	670991.0	4861089.8		1.02E-03	7.07E-06	6.77E-03	1.60E-03	0.01	3.32E-04	0.01	0.18	9.07E-04	7.36E-03	8.62E-04	7.73E-03	3.80E-03	0.11	0.53		0.03	1.14E-06	0.11	3.84E-06	1.16E-06	2.28E-06
173	Primary School VV	674150.1	4862294.8		1.67E-03	1.16E-05	6.80E-03	1.68E-03	0.01	5.46E-04	0.01	0.18	9.54E-04	7.36E-03	1.42E-03	7.99E-03	3.81E-03	0.11	0.53		0.03	1.87E-06	0.11	6.33E-06	1.90E-06	3.75E-06
174	Primary School WW	672005.2	4861707.9		1.34E-03	9.33E-06	6.78E-03	1.64E-03	0.01	4.37E-04	0.01	0.18	9.30E-04	7.36E-03	1.14E-03	7.86E-03	3.81E-03	0.11	0.53		0.03	1.50E-06	0.11	5.07E-06	1.53E-06	3.00E-06
175	Primary School XX	684172.1	4863615.6		2.34E-03	1.63E-05	6.83E-03	1.77E-03	0.01	7.62E-04	0.02	0.18	1.00E-03	7.37E-03	1.98E-03	8.24E-03	3.83E-03	0.11	0.54		0.03	2.62E-06	0.11	8.83E-06	2.66E-06	5.23E-06
176	Primary School YY	683923.3	4866636.4		1.40E-03	9.77E-06	6.78E-03	1.65E-03	0.01	4.58E-04	0.01	0.18	9.35E-04	7.36E-03	1.19E-03	7.88E-03	3.81E-03	0.11	0.53		0.03	1.57E-06	0.11	5.31E-06	1.60E-06	3.15E-06
177	Primary School ZZ	680446.0	4865770.5		2.00E-03	1.39E-05	6.81E-03	1.72E-03	0.01	6.53E-04	0.01	0.18	9.79E-04	7.37E-03	1.70E-03	8.11E-03	3.82E-03	0.11	0.54		0.03	2.24E-06	0.11	7.57E-06	2.28E-06	4.49E-06
178	Vacant School	685612.9	4864520.0		1.48E-03	1.03E-05	6.79E-03	1.66E-03	0.01	4.83E-04	0.01	0.18	9.40E-04	7.36E-03	1.26E-03	7.91E-03	3.81E-03	0.11	0.53		0.03	1.66E-06	0.11	5.59E-06	1.68E-06	3.31E-06
179	Secondary School A	686291.4	4865064.3		2.30E-03	1.60E-05	6.83E-03	1.76E-03	0.01	7.49E-04	0.02	0.18	1.00E-03	7.37E-03	1.95E-03	8.22E-03	3.83E-03	0.11	0.54		0.03	2.57E-06	0.11	8.68E-06	2.61E-06	5.15E-06
180	Secondary School B	683875.0	4864741.7		2.17E-03	1.51E-05	6.82E-03	1.74E-03	0.01	7.08E-04	0.02	0.18	9.91E-04	7.37E-03	1.84E-03	8.18E-03	3.83E-03	0.11	0.54		0.03	2.43E-06	0.11	8.21E-06	2.47E-06	4.86E-06
181	Secondary School C	684650.3	4866460.3		1.77E-03	1.23E-05	6.80E-03	1.69E-03	0.01	5.77E-04	0.01	0.18	9.62E-04	7.36E-03	1.50E-03	8.02E-03	3.82E-03	0.11	0.53		0.03	1.98E-06	0.11	6.69E-06	2.01E-06	3.96E-06
182	Secondary School D	678099.5	4864838.2		1.83E-03	1.28E-05	6.81E-03	1.70E-03	0.01	5.98E-04	0.01	0.18	9.66E-04	7.36E-03	1.55E-03	8.05E-03	3.82E-03	0.11	0.53		0.03	2.05E-06	0.11	6.93E-06	2.09E-06	4.11E-06
183	Secondary School E	678467.0	4863431.2		6.41E-03	4.46E-05	7.03E-03	2.28E-03	0.02	2.09E-03	0.02	0.18	1.30E-03	7.41E-03	5.43E-03	9.80E-03	3.93E-03	0.13	0.58		0.03	7.18E-06	0.11	2.42E-05	7.29E-06	1.44E-05
184	Secondary School F	674144.9	4862762.7		2.24E-03	1.56E-05	6.83E-03	1.75E-03	0.01	7.30E-04	0.02	0.18	9.96E-04	7.37E-03	1.90E-03	8.20E-03	3.83E-03	0.11	0.54		0.03	2.51E-06	0.11	8.47E-06	2.55E-06	5.02E-06
185	Secondary School G	673816.0	4864357.1		1.07E-03	7.46E-06	6.77E-03	1.61E-03	0.01	3.50E-04	0.01	0.18	9.11E-04	7.36E-03	9.10E-04	7.76E-03	3.80E-03	0.11	0.53		0.03	1.20E-06	0.11	4.05E-06	1.22E-06	2.40E-06
186	Secondary School H	673145.4	4858569.0		1.14E-03	7.92E-06	6.77E-03	1.61E-03	0.01	3.71E-04	0.01	0.18	9.15E-04	7.36E-03	9.65E-04	7.78E-03	3.80E-03	0.11	0.53		0.03	1.27E-06	0.11	4.30E-06	1.29E-06	2.55E-06
187	Secondary School I	671291.7	4863581.3		1.23E-03	8.57E-06	6.78E-03	1.63E-03	0.01	4.02E-04	0.01	0.18	9.22E-04	7.36E-03	1.04E-03	7.82E-03	3.80E-03	0.11	0.53		0.03	1.38E-06	0.11	4.66E-06	1.40E-06	2.76E-06
188	Secondary School J	671443.2	4861664.9		1.36E-03	9.46E-06	6.78E-03	1.64E-03	0.01	4.44E-04	0.01	0.18	9.32E-04	7.36E-03	1.15E-03	7.87E-03	3.81E-03	0.11	0.53		0.03	1.52E-06	0.11	5.14E-06	1.55E-06	3.05E-06
189	Secondary School K	673235.3	4860885.0		1.34E-03	9.31E-06	6.78E-03	1.64E-03	0.01	4.37E-04	0.01	0.18	9.30E-04	7.36E-03	1.14E-03	7.86E-03	3.81E-03	0.11	0.53		0.03	1.50E-06	0.11	5.06E-06	1.52E-06	3.00E-06
190	Secondary School L	684252.7	4866500.5		1.89E-03	1.32E-05	6.81E-03	1.71E-03	0.01	6.17E-04	0.01	0.18	9.70E-04	7.37E-03	1.60E-03	8.07E-03	3.82E-03	0.11	0.53		0.03	2.12E-06	0.11	7.15E-06	2.15E-06	4.24E-06
191	Secondary School M	673914.1	4859551.7		1.54E-03	1.07E-05	6.79E-03	1.66E-03	0.01	5.02E-04	0.01	0.18	9.45E-04	7.36E-03	1.31E-03	7.93E-03	3.81E-03	0.11	0.53		0.03	1.72E-06	0.11	5.82E-06	1.75E-06	3.45E-06
192	Secondary School N	675051.5	4864177.2		1.31E-03	9.12E-06	6.78E-03	1.64E-03	0.01	4.28E-04	0.01	0.18	9.28E-04	7.36E-03	1.11E-03	7.85E-03	3.81E-03	0.11	0.53		0.03	1.47E-06	0.11	4.96E-06	1.49E-06	2.94E-06
193	Adult School	685276.1	4866019.8		2.19E-03	1.53E-05	6.82E-03	1.75E-03	0.01	7.15E-04	0.02	0.18	9.92E-04	7.37E-03	1.86E-03	8.18E-03	3.83E-03	0.11	0.54		0.03	2.46E-06	0.11	8.29E		

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
																					(g/s)	(ug/m3)	6.76E-05	1.70E-06	1.70E-06	5.74E-06
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05	6.59E-03	0.02		6.76E-05	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06
				Background Concentration (ug/m3)			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		2.63E-02		0.11			
213	Port Darlington 5	686406.8	4861448.7		1.87E-03	1.30E-05	6.81E-03	1.71E-03	0.01	6.10E-04	0.01	0.18	9.69E-04	7.37E-03	1.59E-03	8.06E-03	3.82E-03	0.11	0.53		0.03	2.09E-06	0.11	7.06E-06	2.13E-06	4.19E-06
214	Port Darlington 6	686504.5	4861604.0		2.06E-03	1.43E-05	6.82E-03	1.73E-03	0.01	6.70E-04	0.01	0.18	9.82E-04	7.37E-03	1.74E-03	8.13E-03	3.82E-03	0.11	0.54		0.03	2.30E-06	0.11	7.77E-06	2.34E-06	4.60E-06
215	Port Darlington 7	686703.0	4861789.3		2.09E-03	1.45E-05	6.82E-03	1.73E-03	0.01	6.82E-04	0.01	0.18	9.85E-04	7.37E-03	1.77E-03	8.15E-03	3.83E-03	0.11	0.54		0.03	2.34E-06	0.11	7.90E-06	2.38E-06	4.68E-06
216	Port Darlington 8	686895.8	4861960.2		1.66E-03	1.15E-05	6.80E-03	1.68E-03	0.01	5.41E-04	0.01	0.18	9.53E-04	7.36E-03	1.41E-03	7.98E-03	3.81E-03	0.11	0.53		0.03	1.86E-06	0.11	6.27E-06	1.89E-06	3.71E-06
217	Port Darlington 9	686867.4	4862119.7		1.29E-03	9.00E-06	6.78E-03	1.63E-03	0.01	4.22E-04	0.01	0.18	9.27E-04	7.36E-03	1.10E-03	7.84E-03	3.81E-03	0.11	0.53		0.03	1.45E-06	0.11	4.89E-06	1.47E-06	2.90E-06
218	Port Darlington 10	687190.7	4862048.8		1.52E-03	1.06E-05	6.79E-03	1.66E-03	0.01	4.97E-04	0.01	0.18	9.43E-04	7.36E-03	1.29E-03	7.93E-03	3.81E-03	0.11	0.53		0.03	1.71E-06	0.11	5.76E-06	1.73E-06	3.41E-06
219	Port Darlington 11	687524.4	4862126.8		1.83E-03	1.27E-05	6.81E-03	1.70E-03	0.01	5.97E-04	0.01	0.18	9.66E-04	7.36E-03	1.55E-03	8.05E-03	3.82E-03	0.11	0.53		0.03	2.05E-06	0.11	6.91E-06	2.08E-06	4.10E-06
220	Campground 1	678646.3	4860337.7		5.31E-03	3.69E-05	6.98E-03	2.14E-03	0.02	1.73E-03	0.02	0.18	1.22E-03	7.40E-03	4.50E-03	9.38E-03	3.91E-03	0.13	0.57		0.03	5.94E-06	0.11	2.01E-05	6.04E-06	1.19E-05
221	Campground 2	678410.2	4860148.6		4.78E-03	3.32E-05	6.95E-03	2.07E-03	0.02	1.56E-03	0.02	0.18	1.18E-03	7.40E-03	4.05E-03	9.17E-03	3.89E-03	0.12	0.56		0.03	5.35E-06	0.11	1.80E-05	5.43E-06	1.07E-05
222	Campground 3	678651.0	4860054.4		5.28E-03	3.67E-05	6.97E-03	2.14E-03	0.02	1.72E-03	0.02	0.18	1.22E-03	7.40E-03	4.48E-03	9.37E-03	3.91E-03	0.13	0.57		0.03	5.91E-06	0.11	2.00E-05	6.01E-06	1.18E-05
223	Campground 4	678725.9	4859860.7		5.37E-03	3.74E-05	6.98E-03	2.15E-03	0.02	1.75E-03	0.02	0.18	1.22E-03	7.40E-03	4.55E-03	9.40E-03	3.91E-03	0.13	0.57		0.03	6.01E-06	0.11	2.03E-05	6.11E-06	1.20E-05
224	Campground 5	678511.1	4859808.6		4.80E-03	3.34E-05	6.95E-03	2.07E-03	0.02	1.56E-03	0.02	0.18	1.18E-03	7.40E-03	4.07E-03	9.18E-03	3.89E-03	0.12	0.56		0.03	5.37E-06	0.11	1.81E-05	5.45E-06	1.07E-05
225	Campground 6	678869.5	4859696.0		4.49E-03	3.12E-05	6.94E-03	2.04E-03	0.02	1.46E-03	0.02	0.18	1.16E-03	7.39E-03	3.80E-03	9.06E-03	3.89E-03	0.12	0.56		0.03	5.02E-06	0.11	1.70E-05	5.10E-06	1.00E-05
226	Campground 7	678723.9	4860201.8		5.04E-03	3.51E-05	6.96E-03	2.11E-03	0.02	1.64E-03	0.02	0.18	1.20E-03	7.40E-03	4.27E-03	9.27E-03	3.90E-03	0.13	0.57		0.03	5.64E-06	0.11	1.90E-05	5.73E-06	1.13E-05
227	Campground 8	678796.0	4860011.4		5.65E-03	3.93E-05	6.99E-03	2.18E-03	0.02	1.84E-03	0.02	0.18	1.24E-03	7.40E-03	4.79E-03	9.51E-03	3.92E-03	0.13	0.57		0.03	6.33E-06	0.11	2.14E-05	6.43E-06	1.27E-05
228	Campground 9	678852.7	4859854.2		5.58E-03	3.88E-05	6.99E-03	2.17E-03	0.02	1.82E-03	0.02	0.18	1.24E-03	7.40E-03	4.73E-03	9.48E-03	3.91E-03	0.13	0.57		0.03	6.25E-06	0.11	2.11E-05	6.35E-06	1.25E-05
229	Solina 1	681099.6	4861677.2		6.04E-03	4.20E-05	7.01E-03	2.23E-03	0.02	1.97E-03	0.02	0.18	1.27E-03	7.41E-03	5.12E-03	9.65E-03	3.93E-03	0.13	0.58		0.03	6.76E-06	0.11	2.28E-05	6.87E-06	1.35E-05
230	Solina 2	681115.7	4861857.7		7.28E-03	5.06E-05	7.07E-03	2.39E-03	0.02	2.37E-03	0.02	0.18	1.36E-03	7.42E-03	6.17E-03	0.01	3.96E-03	0.13	0.59		0.03	8.15E-06	0.11	2.75E-05	8.28E-06	1.63E-05
231	Solina 3	680987.4	4861983.5		5.48E-03	3.81E-05	6.98E-03	2.16E-03	0.02	1.79E-03	0.02	0.18	1.23E-03	7.40E-03	4.64E-03	9.44E-03	3.91E-03	0.13	0.57		0.03	6.13E-06	0.11	2.07E-05	6.23E-06	1.23E-05
232	Solina 4	680965.0	4862068.1		5.00E-03	3.48E-05	6.96E-03	2.10E-03	0.02	1.63E-03	0.02	0.18	1.20E-03	7.40E-03	4.24E-03	9.26E-03	3.90E-03	0.12	0.57		0.03	5.60E-06	0.11	1.89E-05	5.69E-06	1.12E-05
233	Solina 5	681021.5	4862086.7		5.25E-03	3.65E-05	6.97E-03	2.13E-03	0.02	1.71E-03	0.02	0.18	1.21E-03	7.40E-03	4.45E-03	9.35E-03	3.91E-03	0.13	0.57		0.03	5.87E-06	0.11	1.98E-05	5.97E-06	1.17E-05
234	Solina 6	680939.8	4862124.3		4.51E-03	3.14E-05	6.94E-03	2.04E-03	0.02	1.47E-03	0.02	0.18	1.16E-03	7.39E-03	3.83E-03	9.07E-03	3.89E-03	0.12	0.56		0.03	5.05E-06	0.11	1.71E-05	5.13E-06	1.01E-05
235	Solina 7	680988.2	4862183.6		4.65E-03	3.23E-05	6.94E-03	2.06E-03	0.02	1.52E-03	0.02	0.18	1.17E-03	7.39E-03	3.94E-03	9.12E-03	3.89E-03	0.12	0.56		0.03	5.21E-06	0.11	1.76E-05	5.29E-06	1.04E-05
236	Solina 8	680984.6	4862209.8		4.44E-03	3.09E-05	6.93E-03	2.03E-03	0.02	1.45E-03	0.02	0.18	1.16E-03	7.39E-03	3.76E-03	9.04E-03	3.88E-03	0.12	0.56		0.03	4.97E-06	0.11	1.68E-05	5.05E-06	9.93E-06
237	Solina 9	680958.6	4862294.9		4.04E-03	2.81E-05	6.91E-03	1.98E-03	0.02	1.32E-03	0.02	0.18	1.13E-03	7.39E-03	3.42E-03	8.89E-03	3.87E-03	0.12	0.56		0.03	4.52E-06	0.11	1.53E-05	4.59E-06	9.04E-06
238	Solina 10	680858.0	4862324.3		4.82E-03	3.36E-05	6.95E-03	2.08E-03	0.02	1.57E-03	0.02	0.18	1.18E-03	7.40E-03	4.09E-03	9.19E-03	3.89E-03	0.12	0.56		0.03	5.40E-06	0.11	1.82E-05	5.49E-06	1.08E-05
239	Solina 11	680990.3	4862403.5		4.88E-03	3.39E-05	6.95E-03	2.08E-03	0.02	1.59E-03	0.02	0.18	1.19E-03	7.40E-03	4.13E-03	9.21E-03	3.90E-03	0.12	0.56		0.03	5.46E-06	0.11	1.84E-05	5.55E-06	1.09E-05
240	Recreational 1	681545.0	4860865.0		6.40E-03	4.45E-05	7.03E-03	2.28E-03	0.02	2.09E-03	0.02	0.18	1.30E-03	7.41E-03	5.43E-03	9.80E-03	3.93E-03	0.13	0.58		0.03	7.17E-06	0.11	2.42E-05	7.28E-06	1.43E-05
241	Recreational 2	681563.7	4860687.4		0.01	7.34E-05	7.23E-03	2.80E-03	0.02	3.44E-03	0.03	0.19	1.60E-03	7.46E-03	8.95E-03	0.01	4.04E-03	0.15	0.62		0.03	1.18E-05	0.11	3.99E-05	1.20E-05	2.36E-05
242	Recreational 3	681579.7	4860610.4		0.01	8.40E-05	7.31E-03	2.99E-03	0.03	3.94E-03	0.03	0.19	1.71E-03	7.47E-03	0.01	0.01	4.08E-03	0.16	0.64		0.03	1.35E-05	0.11	4.57E-05	1.37E-05	2.70E-05
243	Recreational 6	681876.6	4860254.0		7.91E-03	5.50E-05	7.10E-03	2.47E-03	0.02	2.58E-03	0.03	0.18	1.41E-03	7.43E-03	6.70E-03	0.01	3.97E-03	0.14	0.59		0.03	8.85E-06	0.11	2.99E-05	8.99E-06	1.77E-05
244	Recreational 7	682166.9	4860324.4		6.03E-03	4.19E-05	7.01E-03	2.23E-03	0.02	1.96E-03	0.02	0.18	1.27E-03	7.41E-03	5.11E-03	9.65E-03	3.92E-03	0.13	0.58		0.03	6.75E-06	0.11	2.28E-05	6.85E-06	1.35E-05
245	Darlington 1	679565.4	4861052.9		9.57E-03	6.66E-05	7.18E-03	2.68E-03	0.02	3.12E-03	0.03	0.18	1.53E-03	7.45E-03	8.11E-03	0.01	4.01E-03	0.14	0.61		0.03	1.07E-05	0.11	3.62E-05	1.09E-05	2.14E-05
246	Darlington 2	679452.9	4861051.4		9.22E-03	6.42E-05	7.17E-03	2.63E-03	0.02	3.01E-03	0.03	0.18	1.50E-03	7.44E-03	7.82E-03	0.01	4.01E-03	0.14	0.61		0.03	1.03E-05	0.11	3.		

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/P articulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
																					(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05	6.59E-03	0.02		6.76E-05	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06
				Background Concentration (ug/m3)			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		2.63E-02		0.11			
266	Future Industrial 8	680398.0	4860731.8		0.02	1.13E-04	7.51E-03	3.52E-03	0.03	5.30E-03	0.04	0.19	2.02E-03	7.52E-03	0.01	4.18E-03	0.17	0.68		0.03	1.82E-05	0.11	6.14E-05	1.85E-05	3.64E-05	
267	Future Industrial 1	680359.6	4859959.2		0.01	7.53E-05	7.25E-03	2.83E-03	0.02	3.53E-03	0.03	0.19	1.62E-03	7.46E-03	9.18E-03	0.01	4.05E-03	0.15	0.62		0.03	1.21E-05	0.11	4.09E-05	1.23E-05	2.42E-05
268	Future Industrial 2	680083.7	4859985.7		9.87E-03	6.86E-05	7.20E-03	2.71E-03	0.02	3.22E-03	0.03	0.18	1.55E-03	7.45E-03	8.36E-03	0.01	4.02E-03	0.15	0.61		0.03	1.10E-05	0.11	3.73E-05	1.12E-05	2.21E-05
269	Future Industrial 3	680819.9	4860705.3		0.01	8.64E-05	7.32E-03	3.03E-03	0.03	4.05E-03	0.03	0.19	1.74E-03	7.48E-03	0.01	0.01	4.09E-03	0.16	0.64		0.03	1.39E-05	0.11	4.69E-05	1.41E-05	2.78E-05
270	Future Industrial 4	681070.0	4859937.2		0.01	8.81E-05	7.34E-03	3.07E-03	0.03	4.13E-03	0.03	0.19	1.76E-03	7.48E-03	0.01	0.01	4.09E-03	0.16	0.64		0.03	1.42E-05	0.11	4.78E-05	1.44E-05	2.84E-05
271	Future Industrial 5	679898.8	4860067.4		9.86E-03	6.86E-05	7.20E-03	2.71E-03	0.02	3.22E-03	0.03	0.18	1.55E-03	7.45E-03	8.36E-03	0.01	4.02E-03	0.15	0.61		0.03	1.10E-05	0.11	3.73E-05	1.12E-05	2.21E-05
272	Future Industrial 6	680134.8	4860694.1		0.01	9.57E-05	7.39E-03	3.20E-03	0.03	4.48E-03	0.04	0.19	1.83E-03	7.49E-03	0.01	0.01	4.12E-03	0.16	0.65		0.03	1.54E-05	0.11	5.20E-05	1.56E-05	3.08E-05
273	Future Industrial 11	680253.7	4860255.2		0.02	1.43E-04	7.72E-03	4.06E-03	0.03	6.71E-03	0.05	0.20	2.33E-03	7.56E-03	0.02	0.02	4.29E-03	0.19	0.72		0.03	2.31E-05	0.11	7.78E-05	2.34E-05	4.61E-05
274	Future Industrial 12	679901.2	4860511.8		0.01	7.77E-05	7.26E-03	2.88E-03	0.02	3.64E-03	0.03	0.19	1.65E-03	7.46E-03	9.47E-03	0.01	4.05E-03	0.15	0.63		0.03	1.25E-05	0.11	4.22E-05	1.27E-05	2.50E-05
275	Commercial Farmer	679867.8	4860445.4		0.01	8.60E-05	7.32E-03	3.03E-03	0.03	4.03E-03	0.03	0.19	1.73E-03	7.47E-03	0.01	0.01	4.09E-03	0.16	0.64		0.03	1.38E-05	0.11	4.67E-05	1.41E-05	2.77E-05
276	Farmer	679277.0	4859981.5		6.07E-03	4.22E-05	7.01E-03	2.24E-03	0.02	1.98E-03	0.02	0.18	1.27E-03	7.41E-03	5.15E-03	9.67E-03	3.93E-03	0.13	0.58		0.03	6.79E-06	0.11	2.29E-05	6.90E-06	1.36E-05
277	Residence	679387.2	4860648.9		7.00E-03	4.87E-05	7.06E-03	2.35E-03	0.02	2.28E-03	0.02	0.18	1.34E-03	7.42E-03	5.94E-03	0.01	3.95E-03	0.13	0.59		0.03	7.84E-06	0.11	2.65E-05	7.97E-06	1.57E-05
278	Barn	679261.9	4860574.2		6.61E-03	4.60E-05	7.04E-03	2.30E-03	0.02	2.16E-03	0.02	0.18	1.31E-03	7.41E-03	5.61E-03	9.88E-03	3.94E-03	0.13	0.58		0.03	7.40E-06	0.11	2.50E-05	7.52E-06	1.48E-05
279	Residence	680150.7	4861295.7		7.66E-03	5.33E-05	7.09E-03	2.44E-03	0.02	2.50E-03	0.03	0.18	1.39E-03	7.43E-03	6.49E-03	0.01	3.97E-03	0.14	0.59		0.03	8.57E-06	0.11	2.89E-05	8.71E-06	1.71E-05
280	Residence	679939.8	4861213.4		9.27E-03	6.45E-05	7.17E-03	2.64E-03	0.02	3.02E-03	0.03	0.18	1.51E-03	7.44E-03	7.86E-03	0.01	4.01E-03	0.14	0.61		0.03	1.04E-05	0.11	3.50E-05	1.05E-05	2.08E-05
281	Farmer	680855.7	4861456.9		8.31E-03	5.78E-05	7.12E-03	2.52E-03	0.02	2.71E-03	0.03	0.18	1.44E-03	7.43E-03	7.04E-03	0.01	3.98E-03	0.14	0.60		0.03	9.30E-06	0.11	3.14E-05	9.45E-06	1.86E-05
282	Farmer	681386.2	4861673.3		6.58E-03	4.58E-05	7.04E-03	2.30E-03	0.02	2.15E-03	0.02	0.18	1.31E-03	7.41E-03	5.58E-03	9.86E-03	3.94E-03	0.13	0.58		0.03	7.37E-06	0.11	2.49E-05	7.49E-06	1.47E-05
283	Residence	680683.5	4861597.9		7.08E-03	4.92E-05	7.06E-03	2.36E-03	0.02	2.31E-03	0.02	0.18	1.35E-03	7.42E-03	6.00E-03	0.01	3.95E-03	0.13	0.59		0.03	7.93E-06	0.11	2.67E-05	8.05E-06	1.59E-05
284	Business	680064.3	4861343.7		7.33E-03	5.10E-05	7.07E-03	2.39E-03	0.02	2.39E-03	0.02	0.18	1.37E-03	7.42E-03	6.21E-03	0.01	3.96E-03	0.14	0.59		0.03	8.20E-06	0.11	2.77E-05	8.33E-06	1.64E-05
285	Farmer	679680.1	4861213.5		8.17E-03	5.68E-05	7.12E-03	2.50E-03	0.02	2.66E-03	0.03	0.18	1.43E-03	7.43E-03	6.93E-03	0.01	3.98E-03	0.14	0.60		0.03	9.15E-06	0.11	3.09E-05	9.29E-06	1.83E-05
286	Farmer	681344.8	4861792.9		5.37E-03	3.73E-05	6.98E-03	2.15E-03	0.02	1.75E-03	0.02	0.18	1.22E-03	7.40E-03	4.55E-03	9.40E-03	3.91E-03	0.13	0.57		0.03	6.01E-06	0.11	2.03E-05	6.11E-06	1.20E-05
287	Youth Centre	685644.2	4864814.8		1.67E-03	1.16E-05	6.80E-03	1.68E-03	0.01	5.46E-04	0.01	0.18	9.54E-04	7.36E-03	1.42E-03	7.99E-03	3.81E-03	0.11	0.53		0.03	1.87E-06	0.11	6.32E-06	1.90E-06	3.75E-06
288	Bowmanville Arena	685462.9	4864615.2		1.69E-03	1.18E-05	6.80E-03	1.68E-03	0.01	5.52E-04	0.01	0.18	9.56E-04	7.36E-03	1.44E-03	7.99E-03	3.82E-03	0.11	0.53		0.03	1.90E-06	0.11	6.40E-06	1.93E-06	3.79E-06
289	Bowmanville Rec Complex	684160.3	4864604.5		1.83E-03	1.27E-05	6.81E-03	1.70E-03	0.01	5.97E-04	0.01	0.18	9.66E-04	7.36E-03	1.55E-03	8.05E-03	3.82E-03	0.11	0.53		0.03	2.05E-06	0.11	6.92E-06	2.08E-06	4.10E-06
290	Recreation Complex	684586.6	4862406.3		2.68E-03	1.87E-05	6.85E-03	1.81E-03	0.02	8.75E-04	0.02	0.18	1.03E-03	7.37E-03	2.27E-03	8.37E-03	3.84E-03	0.11	0.54		0.03	3.00E-06	0.11	1.01E-05	3.05E-06	6.01E-06
291	Superdog Central	681487.7	4865723.3		1.80E-03	1.25E-05	6.80E-03	1.70E-03	0.01	5.88E-04	0.01	0.18	9.64E-04	7.36E-03	1.53E-03	8.04E-03	3.82E-03	0.11	0.53		0.03	2.02E-06	0.11	6.81E-06	2.05E-06	4.03E-06
292	Equestrian Centre	681567.1	4863670.7		5.22E-03	3.63E-05	6.97E-03	2.13E-03	0.02	1.70E-03	0.02	0.18	1.21E-03	7.40E-03	4.42E-03	9.34E-03	3.90E-03	0.13	0.57		0.03	5.84E-06	0.11	1.97E-05	5.94E-06	1.17E-05
293	Flea Market	678574.6	4862819.4		3.59E-03	2.50E-05	6.89E-03	1.92E-03	0.02	1.17E-03	0.02	0.18	1.09E-03	7.38E-03	3.05E-03	8.72E-03	3.86E-03	0.12	0.55		0.03	4.02E-06	0.11	1.36E-05	4.09E-06	8.04E-06
294	Equestrian Centre	680030.8	4867320.2		1.09E-03	7.61E-06	6.77E-03	1.61E-03	0.01	3.57E-04	0.01	0.18	9.12E-04	7.36E-03	9.27E-04	7.76E-03	3.80E-03	0.11	0.53		0.03	1.22E-06	0.11	4.13E-06	1.24E-06	2.45E-06
295	Courtice Community Complex	678099.3	4864629.8		2.05E-03	1.43E-05	6.82E-03	1.73E-03	0.01	6.68E-04	0.01	0.18	9.82E-04	7.37E-03	1.74E-03	8.13E-03	3.82E-03	0.11	0.54		0.03	2.30E-06	0.11	7.75E-06	2.33E-06	4.59E-06
296	Former Restaurant	679830.2	4860702.2		7.58E-03	5.27E-05	7.09E-03	2.43E-03	0.02	2.47E-03	0.03	0.18	1.38E-03	7.42E-03	6.42E-03	0.01	3.96E-03	0.14	0.59		0.03	8.48E-06	0.11	2.86E-05	8.62E-06	1.70E-05
297	Commercial	679364.8	4861016.0		8.10E-03	5.64E-05	7.11E-03	2.49E-03	0.02	2.64E-03	0.03	0.18	1.42E-03	7.43E-03	6.87E-03	0.01	3.98E-03	0.14	0.60		0.03	9.07E-06	0.11	3.06E-05	9.22E-06	1.81E-05
298	GM Oshawa Headquarters	676418.3	4860463.7		2.97E-03	2.07E-05	6.86E-03	1.85E-03	0.02	9.69E-04	0.02	0.18	1.05E-03	7.38E-03	2.52E-03	8.48E-03	3.85E-03	0.12	0.54		0.03	3.33E-06	0.11	1.12E-05	3.38E-06	6.66E-06
299	Farm A?	682972.3	4862201.9		4.70E-03	3.27E-05	6.95E-03	2.06E-03	0.02	1.53E-03	0.02	0.18	1.17E-03	7.39E-03	3.98E-03	9.14E-03	3.89E-03	0.12	0.56		0.03	5.26E-06	0.11	1.78E-05	5.35E-06	1.05E-05
300																										

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
																					(g/s)	(ug/m3)	6.76E-05	1.70E-06	1.70E-06	5.74E-06
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05	6.59E-03	0.02		6.76E-05	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06
				Background Concentration (ug/m3)			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		2.63E-02		0.11			
319	Soper 7	685683.2	4867148.1		1.77E-03	1.23E-05	6.80E-03	1.69E-03	0.01	5.77E-04	0.01	0.18	9.61E-04	7.36E-03	1.50E-03	8.02E-03	3.82E-03	0.11	0.53		0.03	1.98E-06	0.11	6.69E-06	2.01E-06	3.96E-06
320	Soper 8	686748.7	4865874.7		1.75E-03	1.22E-05	6.80E-03	1.69E-03	0.01	5.70E-04	0.01	0.18	9.60E-04	7.36E-03	1.48E-03	8.01E-03	3.82E-03	0.11	0.53		0.03	1.96E-06	0.11	6.61E-06	1.99E-06	3.92E-06
321	Bowmanville 1	687026.3	4862368.4		1.31E-03	9.13E-06	6.78E-03	1.64E-03	0.01	4.28E-04	0.01	0.18	9.28E-04	7.36E-03	1.11E-03	7.85E-03	3.81E-03	0.11	0.53		0.03	1.47E-06	0.11	4.96E-06	1.49E-06	2.94E-06
322	Bowmanville 2	686625.7	4863020.3		1.86E-03	1.29E-05	6.81E-03	1.70E-03	0.01	6.06E-04	0.01	0.18	9.68E-04	7.37E-03	1.58E-03	8.06E-03	3.82E-03	0.11	0.53		0.03	2.08E-06	0.11	7.02E-06	2.11E-06	4.16E-06
323	Bowmanville 3	683380.3	4865365.9		2.08E-03	1.44E-05	6.82E-03	1.73E-03	0.01	6.77E-04	0.01	0.18	9.84E-04	7.37E-03	1.76E-03	8.14E-03	3.83E-03	0.11	0.54		0.03	2.32E-06	0.11	7.84E-06	2.36E-06	4.65E-06
324	Bowmanville 4	683111.4	4867150.3		1.60E-03	1.11E-05	6.79E-03	1.67E-03	0.01	5.22E-04	0.01	0.18	9.49E-04	7.36E-03	1.36E-03	7.96E-03	3.81E-03	0.11	0.53		0.03	1.79E-06	0.11	6.05E-06	1.82E-06	3.59E-06
325	Bowmanville 5	682452.2	4869417.5		9.57E-04	6.66E-06	6.76E-03	1.59E-03	0.01	3.12E-04	0.01	0.18	9.02E-04	7.36E-03	8.11E-04	7.71E-03	3.80E-03	0.11	0.52		0.03	1.07E-06	0.11	3.62E-06	1.09E-06	2.14E-06
326	Bowmanville 6	684778.5	4864888.2		1.67E-03	1.16E-05	6.80E-03	1.68E-03	0.01	5.43E-04	0.01	0.18	9.54E-04	7.36E-03	1.41E-03	7.98E-03	3.81E-03	0.11	0.53		0.03	1.87E-06	0.11	6.30E-06	1.90E-06	3.73E-06
327	Bowmanville 7	684549.5	4866404.4		1.77E-03	1.23E-05	6.80E-03	1.69E-03	0.01	5.78E-04	0.01	0.18	9.62E-04	7.36E-03	1.50E-03	8.02E-03	3.82E-03	0.11	0.53		0.03	1.98E-06	0.11	6.70E-06	2.02E-06	3.97E-06
328	Upper Tooley 1	679944.8	4864883.1		2.29E-03	1.60E-05	6.83E-03	1.76E-03	0.01	7.48E-04	0.02	0.18	1.00E-03	7.37E-03	1.94E-03	8.22E-03	3.83E-03	0.11	0.54		0.03	2.57E-06	0.11	8.67E-06	2.61E-06	5.14E-06
329	Upper Tooley 2	679055.1	4863885.8		6.03E-03	4.19E-05	7.01E-03	2.23E-03	0.02	1.96E-03	0.02	0.18	1.27E-03	7.41E-03	5.11E-03	9.65E-03	3.92E-03	0.13	0.58		0.03	6.75E-06	0.11	2.28E-05	6.85E-06	1.35E-05
330	Upper Tooley 3	679714.0	4862767.4		4.04E-03	2.81E-05	6.91E-03	1.98E-03	0.02	1.32E-03	0.02	0.18	1.13E-03	7.39E-03	3.43E-03	8.89E-03	3.87E-03	0.12	0.56		0.03	4.53E-06	0.11	1.53E-05	4.60E-06	9.06E-06
331	Upper Tooley 4	678898.8	4861800.6		5.42E-03	3.77E-05	6.98E-03	2.15E-03	0.02	1.77E-03	0.02	0.18	1.23E-03	7.40E-03	4.59E-03	9.42E-03	3.91E-03	0.13	0.57		0.03	6.07E-06	0.11	2.05E-05	6.16E-06	1.21E-05
332	Upper Tooley 5	680353.5	4862156.5		6.12E-03	4.26E-05	7.02E-03	2.24E-03	0.02	2.00E-03	0.02	0.18	1.28E-03	7.41E-03	5.19E-03	9.69E-03	3.93E-03	0.13	0.58		0.03	6.85E-06	0.11	2.31E-05	6.96E-06	1.37E-05
333	Upper Tooley 6	679818.1	4861625.7		6.60E-03	4.59E-05	7.04E-03	2.30E-03	0.02	2.15E-03	0.02	0.18	1.31E-03	7.41E-03	5.59E-03	9.87E-03	3.94E-03	0.13	0.58		0.03	7.39E-06	0.11	2.49E-05	7.51E-06	1.48E-05
334	Robinson 1	678434.8	4860943.1		5.43E-03	3.78E-05	6.98E-03	2.16E-03	0.02	1.77E-03	0.02	0.18	1.23E-03	7.40E-03	4.61E-03	9.42E-03	3.91E-03	0.13	0.57		0.03	6.08E-06	0.11	2.05E-05	6.18E-06	1.22E-05
335	Robinson 2	677752.6	4861240.6		4.59E-03	3.20E-05	6.94E-03	2.05E-03	0.02	1.50E-03	0.02	0.18	1.17E-03	7.39E-03	3.89E-03	9.10E-03	3.89E-03	0.12	0.56		0.03	5.14E-06	0.11	1.74E-05	5.22E-06	1.03E-05
336	Robinson 3	677642.2	4861787.2		3.61E-03	2.51E-05	6.89E-03	1.93E-03	0.02	1.18E-03	0.02	0.18	1.10E-03	7.38E-03	3.06E-03	8.73E-03	3.86E-03	0.12	0.55		0.03	4.04E-06	0.11	1.36E-05	4.11E-06	8.08E-06
337	Robinson 4	678532.7	4862143.6		4.88E-03	3.39E-05	6.95E-03	2.09E-03	0.02	1.59E-03	0.02	0.18	1.19E-03	7.40E-03	4.13E-03	9.21E-03	3.90E-03	0.12	0.56		0.03	5.46E-06	0.11	1.84E-05	5.55E-06	1.09E-05
338	Robinson 5	678005.1	4862784.9		3.16E-03	2.20E-05	6.87E-03	1.87E-03	0.02	1.03E-03	0.02	0.18	1.06E-03	7.38E-03	2.68E-03	8.56E-03	3.85E-03	0.12	0.55		0.03	3.54E-06	0.11	1.20E-05	3.60E-06	7.08E-06
339	Robinson 6	677882.7	4860587.7		3.89E-03	2.71E-05	6.91E-03	1.96E-03	0.02	1.27E-03	0.02	0.18	1.12E-03	7.39E-03	3.30E-03	8.83E-03	3.87E-03	0.12	0.55		0.03	4.36E-06	0.11	1.47E-05	4.43E-06	8.71E-06
340	F/B 1	677443.1	4867862.1		1.46E-03	1.01E-05	6.79E-03	1.65E-03	0.01	4.75E-04	0.01	0.18	9.39E-04	7.36E-03	1.23E-03	7.90E-03	3.81E-03	0.11	0.53		0.03	1.63E-06	0.11	5.50E-06	1.66E-06	3.26E-06
341	F/B 2	679667.4	4866611.4		1.68E-03	1.17E-05	6.80E-03	1.68E-03	0.01	5.48E-04	0.01	0.18	9.55E-04	7.36E-03	1.42E-03	7.99E-03	3.82E-03	0.11	0.53		0.03	1.88E-06	0.11	6.35E-06	1.91E-06	3.76E-06
342	F/B 3	678655.0	4867470.1		1.22E-03	8.48E-06	6.78E-03	1.62E-03	0.01	3.98E-04	0.01	0.18	9.21E-04	7.36E-03	1.03E-03	7.81E-03	3.80E-03	0.11	0.53		0.03	1.37E-06	0.11	4.61E-06	1.39E-06	2.73E-06
343	F/B 4	676191.2	4866844.7		1.30E-03	9.02E-06	6.78E-03	1.63E-03	0.01	4.23E-04	0.01	0.18	9.27E-04	7.36E-03	1.10E-03	7.84E-03	3.81E-03	0.11	0.53		0.03	1.45E-06	0.11	4.90E-06	1.48E-06	2.90E-06
344	F/B 5	678273.3	4866093.0		2.15E-03	1.50E-05	6.82E-03	1.74E-03	0.01	7.01E-04	0.01	0.18	9.89E-04	7.37E-03	1.82E-03	8.17E-03	3.83E-03	0.11	0.54		0.03	2.41E-06	0.11	8.12E-06	2.45E-06	4.81E-06
345	F/B 6	681241.2	4867098.8		1.72E-03	1.20E-05	6.80E-03	1.69E-03	0.01	5.61E-04	0.01	0.18	9.58E-04	7.36E-03	1.46E-03	8.00E-03	3.82E-03	0.11	0.53		0.03	1.93E-06	0.11	6.50E-06	1.96E-06	3.85E-06
346	F/B 7	682165.3	4868082.3		1.14E-03	7.93E-06	6.77E-03	1.61E-03	0.01	3.72E-04	0.01	0.18	9.16E-04	7.36E-03	9.66E-04	7.78E-03	3.80E-03	0.11	0.53		0.03	1.28E-06	0.11	4.31E-06	1.30E-06	2.55E-06
347	F/B 8	679366.6	4868628.3		1.34E-03	9.33E-06	6.78E-03	1.64E-03	0.01	4.37E-04	0.01	0.18	9.30E-04	7.36E-03	1.14E-03	7.86E-03	3.81E-03	0.11	0.53		0.03	1.50E-06	0.11	5.07E-06	1.53E-06	3.00E-06
348	F/B 9	680310.1	4869967.1		1.08E-03	7.50E-06	6.77E-03	1.61E-03	0.01	3.51E-04	0.01	0.18	9.11E-04	7.36E-03	9.14E-04	7.76E-03	3.80E-03	0.11	0.53		0.03	1.21E-06	0.11	4.07E-06	1.23E-06	2.41E-06
349	F/B 10	676487.3	4869291.6		1.20E-03	8.34E-06	6.77E-03	1.62E-03	0.01	3.91E-04	0.01	0.18	9.20E-04	7.36E-03	1.02E-03	7.80E-03	3.80E-03	0.11	0.53		0.03	1.34E-06	0.11	4.53E-06	1.36E-06	2.68E-06
350	F/B 11	676851.4	4865409.3		1.26E-03	8.74E-06	6.78E-03	1.63E-03	0.01	4.10E-04	0.01	0.18	9.24E-04	7.36E-03	1.07E-03	7.83E-03	3.80E-03	0.11	0.53		0.03	1.41E-06	0.11	4.75E-06	1.43E-06	2.81E-06
351	F/B 12	681153.3	4868682.2		1.25E-03	8.71E-06	6.78E-03	1.63E-03	0.01	4.08E-04	0.01	0.18	9.24E-04	7.36E-03	1.06E-03	7.82E-03	3.80E-03	0.11	0.53		0.03	1.40E-06	0.11	4.73E-06	1.42E-06	2.80E-06
352	F/B 13	675416.3	4859833.9		2.23E-03	1.55E-05	6.82E-03	1.75E-03	0.01	7.26E-04	0.02	0.18	9.95E-04	7.37E-03	1.89E-03	8.20E-03	3.83E-03	0.11	0.54		0.					



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m <sup>3</sup> )	6.76E-05			1.70E-06											1.70E-06	5.74E-06	1.73E-06	3.40E-06		
					1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05	6.59E-03	0.02		6.76E-05	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06
							6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.52		2.63E-02		0.11			
372	Westside 1	686082.6	4862776.6	Updated Facility Contaminant Emission Rate (g/s)	2.26E-03	1.57E-05	6.83E-03	1.75E-03	0.01	7.35E-04	0.02	0.18	9.97E-04	7.37E-03	1.91E-03	8.21E-03	3.83E-03	0.11	0.54	Chlorinated Monocyclic Aromatics	0.03	2.52E-06	0.11	8.52E-06	2.57E-06	5.05E-06
373	Westside 2	685778.7	4862137.9		1.96E-03	1.37E-05	6.81E-03	1.72E-03	0.01	6.40E-04	0.01	0.18	9.76E-04	7.37E-03	1.66E-03	8.10E-03	3.82E-03	0.11	0.53		0.03	2.20E-06	0.11	7.42E-06	2.23E-06	4.40E-06
374	Westside 3	685084.2	4862827.4		2.64E-03	1.83E-05	6.84E-03	1.80E-03	0.01	8.60E-04	0.02	0.18	1.02E-03	7.37E-03	2.24E-03	8.35E-03	3.84E-03	0.11	0.54		0.03	2.95E-06	0.11	9.97E-06	3.00E-06	5.91E-06
375	Darlington 1	680977.5	4865674.4		1.95E-03	1.36E-05	6.81E-03	1.72E-03	0.01	6.36E-04	0.01	0.18	9.75E-04	7.37E-03	1.65E-03	8.09E-03	3.82E-03	0.11	0.53		0.03	2.18E-06	0.11	7.37E-06	2.22E-06	4.37E-06
376	Darlington 2	680913.9	4863967.1		3.57E-03	2.48E-05	6.89E-03	1.92E-03	0.02	1.16E-03	0.02	0.18	1.09E-03	7.38E-03	3.03E-03	8.71E-03	3.86E-03	0.12	0.55		0.03	4.00E-06	0.11	1.35E-05	4.06E-06	8.00E-06
377	Darlington 3	682602.8	4863659.6		3.39E-03	2.36E-05	6.88E-03	1.90E-03	0.02	1.11E-03	0.02	0.18	1.08E-03	7.38E-03	2.88E-03	8.64E-03	3.86E-03	0.12	0.55		0.03	3.80E-06	0.11	1.28E-05	3.86E-06	7.60E-06
378	Darlington 4	682206.4	4862910.4		4.13E-03	2.87E-05	6.92E-03	1.99E-03	0.02	1.35E-03	0.02	0.18	1.13E-03	7.39E-03	3.50E-03	8.93E-03	3.88E-03	0.12	0.56		0.03	4.62E-06	0.11	1.56E-05	4.70E-06	9.24E-06
379	Darlington 5	683223.2	4861114.0		3.00E-03	2.09E-05	6.86E-03	1.85E-03	0.02	9.78E-04	0.02	0.18	1.05E-03	7.38E-03	2.54E-03	8.49E-03	3.85E-03	0.12	0.55		0.03	3.36E-06	0.11	1.13E-05	3.41E-06	6.71E-06
380	Darlington 6	683947.7	4862362.0		3.10E-03	2.15E-05	6.87E-03	1.86E-03	0.02	1.01E-03	0.02	0.18	1.06E-03	7.38E-03	2.62E-03	8.53E-03	3.85E-03	0.12	0.55		0.03	3.47E-06	0.11	1.17E-05	3.52E-06	6.93E-06
381	Darlington 7	685361.9	4861143.4		2.27E-03	1.58E-05	6.83E-03	1.76E-03	0.01	7.41E-04	0.02	0.18	9.98E-04	7.37E-03	1.93E-03	8.22E-03	3.83E-03	0.11	0.54		0.03	2.54E-06	0.11	8.59E-06	2.58E-06	5.09E-06
382	Bennett ECO/HH	688606.4	4862634.8		1.37E-03	9.55E-06	6.78E-03	1.64E-03	0.01	4.48E-04	0.01	0.18	9.33E-04	7.36E-03	1.16E-03	7.87E-03	3.81E-03	0.11	0.53		0.03	1.54E-06	0.11	5.19E-06	1.56E-06	3.08E-06
383	Oshawa ECO/HH	673884.9	4859128.9		1.94E-03	1.35E-05	6.81E-03	1.72E-03	0.01	6.33E-04	0.01	0.18	9.74E-04	7.37E-03	1.64E-03	8.09E-03	3.82E-03	0.11	0.53		0.03	2.17E-06	0.11	7.33E-06	2.21E-06	4.34E-06
384	Oshawa Creek 1	671671.2	4862793.7		1.19E-03	8.29E-06	6.77E-03	1.62E-03	0.01	3.89E-04	0.01	0.18	9.19E-04	7.36E-03	1.01E-03	7.80E-03	3.80E-03	0.11	0.53		0.03	1.33E-06	0.11	4.50E-06	1.36E-06	2.67E-06
385	Oshawa Creek 2	671668.5	4861589.5		1.40E-03	9.74E-06	6.78E-03	1.65E-03	0.01	4.56E-04	0.01	0.18	9.34E-04	7.36E-03	1.19E-03	7.88E-03	3.81E-03	0.11	0.53		0.03	1.57E-06	0.11	5.29E-06	1.59E-06	3.13E-06
386	Oshawa Creek 3	672820.2	4861287.2		1.46E-03	1.02E-05	6.79E-03	1.65E-03	0.01	4.77E-04	0.01	0.18	9.39E-04	7.36E-03	1.24E-03	7.90E-03	3.81E-03	0.11	0.53		0.03	1.64E-06	0.11	5.52E-06	1.66E-06	3.27E-06
387	Oshawa Creek 4	672360.3	4860262.6		1.03E-03	7.15E-06	6.77E-03	1.60E-03	0.01	3.35E-04	0.01	0.18	9.07E-04	7.36E-03	8.71E-04	7.74E-03	3.80E-03	0.11	0.53		0.03	1.15E-06	0.11	3.88E-06	1.17E-06	2.30E-06
388	Oshawa Creek 5	673921.2	4860115.0		1.45E-03	1.01E-05	6.79E-03	1.65E-03	0.01	4.74E-04	0.01	0.18	9.38E-04	7.36E-03	1.23E-03	7.90E-03	3.81E-03	0.11	0.53		0.03	1.63E-06	0.11	5.49E-06	1.65E-06	3.25E-06
389	Oshawa Creek 6	673154.0	4859421.9		1.46E-03	1.01E-05	6.79E-03	1.65E-03	0.01	4.76E-04	0.01	0.18	9.39E-04	7.36E-03	1.24E-03	7.90E-03	3.81E-03	0.11	0.53		0.03	1.63E-06	0.11	5.51E-06	1.66E-06	3.27E-06
390	Farmer	677409.8	4861051.4		4.27E-03	2.97E-05	6.92E-03	2.01E-03	0.02	1.39E-03	0.02	0.18	1.14E-03	7.39E-03	3.62E-03	8.98E-03	3.88E-03	0.12	0.56		0.03	4.78E-06	0.11	1.61E-05	4.86E-06	9.56E-06
391	Commercial Market	688276.3	4864698.5		1.33E-03	9.28E-06	6.78E-03	1.64E-03	0.01	4.35E-04	0.01	0.18	9.30E-04	7.36E-03	1.13E-03	7.86E-03	3.81E-03	0.11	0.53		0.03	1.49E-06	0.11	5.04E-06	1.52E-06	2.99E-06



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene					
					(g/s)	(g/s)	(g/s)		(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)
					(ug/m3)	(ug/m3)	(ug/m3)		(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	6.81E-06	1.70E-06	4.47E-06		4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07	9.86E-05	0.00E+00	1.25E-07	0.00E+00	8.86E-07	4.00E-08	0.00E+00	0.00E+00					
				Background Concentration (ug/m3)	2.13E-03	1.52E-04			7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04		1.65E-04	6.60E-04	1.32E-03					
1	Campground 10	678526.8	4859996.8		2.16E-03	1.58E-04	1.55E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	3.07E-06	1.65E-04	6.60E-04	1.32E-03					
2	ECO 2	675490.4	4860360.1		2.15E-03	1.55E-04	7.88E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.56E-06	1.65E-04	6.60E-04	1.32E-03					
3	Recreational 5	681642.0	4860349.3		2.18E-03	1.64E-04	3.14E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.01E-03	3.30E-04	2.36E-04	3.30E-04	6.21E-06	1.65E-04	6.60E-04	1.32E-03					
4	ECO 4	676831.5	4859840.9		2.15E-03	1.55E-04	7.96E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.58E-06	1.65E-04	6.60E-04	1.32E-03					
5	Bow. Valley Cons. 3	685767.2	4863879.0		2.14E-03	1.54E-04	4.94E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.79E-07	1.65E-04	6.60E-04	1.32E-03					
6	ECO 6	679647.8	4859989.3		2.18E-03	1.64E-04	3.05E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	3.99E-03	3.30E-04	2.36E-04	3.30E-04	6.04E-06	1.65E-04	6.60E-04	1.32E-03					
7	ECO 7	681578.8	4862070.1		2.16E-03	1.58E-04	1.42E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	2.82E-06	1.65E-04	6.60E-04	1.32E-03					
8	ECO 8	679735.5	4861048.6		2.18E-03	1.63E-04	2.92E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.96E-03	3.30E-04	2.36E-04	3.30E-04	5.79E-06	1.65E-04	6.60E-04	1.32E-03					
9	ECO 9	687219.7	4864249.3		2.14E-03	1.54E-04	3.67E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.27E-07	1.65E-04	6.60E-04	1.32E-03					
10	ECO 10	686519.0	4861987.6		2.14E-03	1.54E-04	5.60E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.11E-06	1.65E-04	6.60E-04	1.32E-03					
11	ECO 11	679870.4	4859737.9		2.17E-03	1.62E-04	2.50E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.87E-03	3.30E-04	2.35E-04	3.30E-04	4.96E-06	1.65E-04	6.60E-04	1.32E-03					
12	Recreational 4	681575.5	4860557.7		2.19E-03	1.66E-04	3.72E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.14E-03	3.30E-04	2.36E-04	3.30E-04	7.37E-06	1.65E-04	6.60E-04	1.32E-03					
13	Future Industrial 9	680704.5	4859857.8		2.16E-03	1.60E-04	2.00E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.76E-03	3.30E-04	2.35E-04	3.30E-04	3.97E-06	1.65E-04	6.60E-04	1.32E-03					
14	Future Industrial 10	680608.0	4860719.6		2.21E-03	1.71E-04	4.95E-05		7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.40E-04	3.37E-04	1.87E-04	1.66E-04	3.33E-04	4.41E-03	3.30E-04	2.36E-04	3.30E-04	9.80E-06	1.65E-04	6.60E-04	1.32E-03					
15	Harmony Creek	673992.4	4865641.4		2.14E-03	1.53E-04	3.06E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.07E-07	1.65E-04	6.60E-04	1.32E-03					
16	Farewell Creek	678079.2	4868822.7		2.14E-03	1.53E-04	3.15E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.25E-07	1.65E-04	6.60E-04	1.32E-03					
17	Farmer	681378.6	4860335.0		2.18E-03	1.63E-04	2.73E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.92E-03	3.30E-04	2.36E-04	3.30E-04	5.41E-06	1.65E-04	6.60E-04	1.32E-03					
18	Watson Farm	682883.4	4864219.7		2.15E-03	1.56E-04	1.01E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	2.00E-06	1.65E-04	6.60E-04	1.32E-03					
19	Racanski Farm	678929.2	4865530.2		2.14E-03	1.54E-04	5.48E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.09E-06	1.65E-04	6.60E-04	1.32E-03					
20	Zoo	687216.8	4864835.3		2.14E-03	1.53E-04	3.42E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.77E-07	1.65E-04	6.60E-04	1.32E-03					
21	Cedar Crest Beach	686652.1	4861660.9		2.14E-03	1.55E-04	6.90E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.37E-06	1.65E-04	6.60E-04	1.32E-03					
22	Darlington Prov Park Beach	677844.6	4859718.2		2.15E-03	1.56E-04	1.03E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.05E-06	1.65E-04	6.60E-04	1.32E-03					
23	OPG 1	682258.1	4860045.0		2.16E-03	1.58E-04	1.55E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	3.07E-06	1.65E-04	6.60E-04	1.32E-03					
24	OPG 2	682551.4	4859889.1		2.15E-03	1.57E-04	1.31E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.60E-06	1.65E-04	6.60E-04	1.32E-03					
25	OPG 3	682824.6	4859759.3		2.15E-03	1.56E-04	1.14E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.27E-06	1.65E-04	6.60E-04	1.32E-03					
26	OPG 4	683021.6	4859937.3		2.15E-03	1.57E-04	1.32E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.62E-06	1.65E-04	6.60E-04	1.32E-03					
27	OPG 5	683318.2	4859677.8		2.15E-03	1.56E-04	9.09E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.80E-06	1.65E-04	6.60E-04	1.32E-03					
28	OPG 6	683306.9	4860023.0		2.15E-03	1.57E-04	1.19E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.37E-06	1.65E-04	6.60E-04	1.32E-03					
29	OPG 7	683718.6	4859915.8		2.15E-03	1.56E-04	9.54E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.89E-06	1.65E-04	6.60E-04	1.32					

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,h)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene
		(m)	(m)	Background Concentration (ug/m3)	2.13E-03	1.52E-04	1.00E-05		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04	1.99E-06	1.65E-04	6.60E-04	1.32E-03
54	Bow. Subdivision 9	684777.3	4863330.5		2.15E-03	1.56E-04	1.00E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.99E-06	1.65E-04	6.60E-04	1.32E-03
55	Bow. Subdivision 10	685266.0	4863243.1		2.14E-03	1.55E-04	7.03E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.39E-06	1.65E-04	6.60E-04	1.32E-03
56	Osh/Court Subdivision 1	677396.8	4860977.3		2.15E-03	1.57E-04	1.24E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.45E-06	1.65E-04	6.60E-04	1.32E-03
57	Osh/Court Subdivision 2	676633.5	4860816.8		2.15E-03	1.55E-04	8.71E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.72E-06	1.65E-04	6.60E-04	1.32E-03
58	Osh/Court Subdivision 3	676916.0	4861925.0		2.15E-03	1.56E-04	9.15E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.81E-06	1.65E-04	6.60E-04	1.32E-03
59	Osh/Court Subdivision 4	676730.5	4861317.1		2.15E-03	1.56E-04	9.13E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.81E-06	1.65E-04	6.60E-04	1.32E-03
60	Osh/Court Subdivision 5	676087.2	4861392.3		2.15E-03	1.55E-04	7.82E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.55E-06	1.65E-04	6.60E-04	1.32E-03
61	Osh/Court Subdivision 6	676177.1	4861722.2		2.15E-03	1.56E-04	9.21E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.82E-06	1.65E-04	6.60E-04	1.32E-03
62	Osh/Court Subdivision 7	675670.7	4861783.2		2.14E-03	1.55E-04	6.38E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	1.26E-06	1.65E-04	6.60E-04	1.32E-03
63	Osh/Court Subdivision 8	676050.8	4862055.7		2.16E-03	1.58E-04	1.54E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	3.05E-06	1.65E-04	6.60E-04	1.32E-03
64	Osh/Court Subdivision 9	676636.9	4862134.3		2.15E-03	1.55E-04	8.63E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.71E-06	1.65E-04	6.60E-04	1.32E-03
65	Osh/Court Subdivision 10	676571.3	4861634.8		2.15E-03	1.55E-04	7.57E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.50E-06	1.65E-04	6.60E-04	1.32E-03
66	Bow. Subdivision 11	684649.2	4863182.7		2.15E-03	1.56E-04	8.92E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.77E-06	1.65E-04	6.60E-04	1.32E-03
67	Daycare B	685172.4	4863933.1		2.14E-03	1.54E-04	5.16E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	1.02E-06	1.65E-04	6.60E-04	1.32E-03
68	Daycare C	685452.0	4863104.4		2.14E-03	1.55E-04	6.88E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.36E-06	1.65E-04	6.60E-04	1.32E-03
69	Daycare D	685527.7	4864693.3		2.14E-03	1.54E-04	4.99E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.89E-07	1.65E-04	6.60E-04	1.32E-03
70	Daycare E	685735.4	4864790.8		2.14E-03	1.54E-04	4.95E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.81E-07	1.65E-04	6.60E-04	1.32E-03
71	Daycare F	685520.3	4864854.3		2.14E-03	1.54E-04	4.73E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.37E-07	1.65E-04	6.60E-04	1.32E-03
72	Daycare G	685441.9	4864878.0		2.14E-03	1.54E-04	4.33E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.58E-07	1.65E-04	6.60E-04	1.32E-03
73	Daycare H	686364.8	4864707.8		2.14E-03	1.54E-04	5.87E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.16E-06	1.65E-04	6.60E-04	1.32E-03
74	Daycare I	685721.6	4865127.3		2.14E-03	1.54E-04	4.00E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.92E-07	1.65E-04	6.60E-04	1.32E-03
75	Daycare J	678256.3	4863565.4		2.16E-03	1.60E-04	2.01E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.76E-03	3.30E-04	2.35E-04	3.30E-04	3.98E-06	1.65E-04	6.60E-04	1.32E-03
76	Daycare K	677694.1	4864043.7		2.15E-03	1.56E-04	9.43E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.87E-06	1.65E-04	6.60E-04	1.32E-03
77	Daycare L	676479.5	4862526.2		2.15E-03	1.56E-04	1.09E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.16E-06	1.65E-04	6.60E-04	1.32E-03
78	Daycare M	678320.9	4864763.5		2.14E-03	1.54E-04	5.66E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.12E-06	1.65E-04	6.60E-04	1.32E-03
79	Daycare N	678513.4	4865058.0		2.14E-03	1.55E-04	6.77E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.34E-06	1.65E-04	6.60E-04	1.32E-03
80	Daycare O	672788.7	4863936.6		2.14E-03	1.54E-04	4.98E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.87E-07	1.65E-04	6.60E-04	1.32E-03
81	Daycare P	673952.8	4863592.5		2.14E-03	1.55E-04	7.26E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	1.44E-06	1.65E-04	6.60E-04	1.32E-03
82	Daycare Q	671751.8	4864887.7		2.14E-03	1.53E-04	2.96E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.38E-03	3.30E-04	2.35E-04	3.30E-04	5.86E-07	1.65E-04	6.60E-04	1.32E-03
83	Daycare R	685714.4	4864667.4		2.14E-03	1.54E-04	4.88E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.66E-07	1.65E-04	6.60E-04	1.32E-03
84	Daycare S	684177.9	4863618.2		2.14E-03	1.55E-04	6.77E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.34E-06	1.65E-04	6.60E-04	1.32E-03
85	Daycare T	678423.6	4864480.4		2.15E-03	1.55E-04	7.62E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.51E-06	1.65E-04	6.60E-04	1.32E-03
86	Daycare U	685330.5	4863435.1		2.14E-03	1.55E-04	6.38E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-										

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene																				
																												Updated Facility Contaminant Emission Rate (g/s)	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07	9.86E-05	0.00E+00	1.25E-07	0.00E+00	8.86E-07	4.00E-08	0.00E+00	0.00E+00
																												Background Concentration (ug/m3)	2.13E-03	1.52E-04	3.75E-06	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03
107	Daycare PP	674794.5	4864915.4		2.14E-03	1.54E-04	3.75E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	7.42E-07	1.65E-04	6.60E-04	1.32E-03																		
108	Hospital	686324.2	4864395.8		2.14E-03	1.54E-04	3.67E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	7.26E-07	1.65E-04	6.60E-04	1.32E-03																		
109	Hospital (Children's)	676057.8	4862180.9		2.16E-03	1.58E-04	1.65E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.68E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	3.27E-06	1.65E-04	6.60E-04	1.32E-03																		
110	Hospital	671233.2	4863615.9		2.14E-03	1.54E-04	3.63E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	7.20E-07	1.65E-04	6.60E-04	1.32E-03																		
111	Comm. Resp. Services	676045.4	4863902.5		2.15E-03	1.55E-04	8.32E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.65E-06	1.65E-04	6.60E-04	1.32E-03																		
112	Hospital	671712.7	4862364.1		2.14E-03	1.54E-04	4.05E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	8.02E-07	1.65E-04	6.60E-04	1.32E-03																		
113	Retirement Residence A	684199.9	4864120.3		2.15E-03	1.55E-04	8.33E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.65E-06	1.65E-04	6.60E-04	1.32E-03																		
114	Retirement Residence B	685483.9	4865150.9		2.14E-03	1.54E-04	4.73E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	9.37E-07	1.65E-04	6.60E-04	1.32E-03																		
115	Retirement Residence C	686844.0	4864732.1		2.14E-03	1.54E-04	4.90E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	9.71E-07	1.65E-04	6.60E-04	1.32E-03																		
116	Retirement Residence D	673481.7	4863343.4		2.14E-03	1.54E-04	5.41E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.07E-06	1.65E-04	6.60E-04	1.32E-03																		
117	Retirement Residence E	671825.2	4864399.0		2.14E-03	1.54E-04	3.82E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	7.58E-07	1.65E-04	6.60E-04	1.32E-03																		
118	Retirement Residence F	671606.3	4864536.0		2.14E-03	1.53E-04	3.50E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	6.93E-07	1.65E-04	6.60E-04	1.32E-03																		
119	Retirement Residence G	671357.1	4862958.7		2.14E-03	1.53E-04	2.88E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.38E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	5.71E-07	1.65E-04	6.60E-04	1.32E-03																		
120	Retirement Residence H	671514.0	4862262.9		2.14E-03	1.54E-04	3.79E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	7.50E-07	1.65E-04	6.60E-04	1.32E-03																		
121	Retirement Residence I	672602.2	4863075.9		2.14E-03	1.54E-04	3.63E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	7.18E-07	1.65E-04	6.60E-04	1.32E-03																		
122	Retirement Residence J	671719.1	4862893.1		2.14E-03	1.53E-04	3.22E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	6.38E-07	1.65E-04	6.60E-04	1.32E-03																		
123	Retirement Residence K	686718.0	4865648.7		2.14E-03	1.54E-04	6.17E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.22E-06	1.65E-04	6.60E-04	1.32E-03																		
124	Retirement Residence L	676168.7	4865669.9		2.14E-03	1.54E-04	4.65E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	9.22E-07	1.65E-04	6.60E-04	1.32E-03																		
125	Retirement Residence M	676118.5	4863980.7		2.15E-03	1.56E-04	8.99E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.78E-06	1.65E-04	6.60E-04	1.32E-03																		
126	Bow. Subdivision 12	684649.2	4863182.7		2.15E-03	1.56E-04	8.92E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.77E-06	1.65E-04	6.60E-04	1.32E-03																		
127	Primary School B	685384.8	4863575.3		2.14E-03	1.54E-04	5.76E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.14E-06	1.65E-04	6.60E-04	1.32E-03																		
128	Primary School C	685021.6	4863952.9		2.14E-03	1.54E-04	6.15E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.22E-06	1.65E-04	6.60E-04	1.32E-03																		
129	Primary School D	686237.0	4864085.5		2.14E-03	1.54E-04	4.53E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	8.98E-07	1.65E-04	6.60E-04	1.32E-03																		
130	Primary School E	686719.0	4863734.7		2.14E-03	1.54E-04	4.45E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	8.81E-07	1.65E-04	6.60E-04	1.32E-03																		
131	Primary School F	686357.0	4864754.9		2.14E-03	1.54E-04	6.11E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.21E-06	1.65E-04	6.60E-04	1.32E-03																		
132	Primary School G	685502.0	4865013.4		2.14E-03	1.54E-04	3.79E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	7.52E-07	1.65E-04	6.60E-04	1.32E-03																		
133	Primary School H	686726.7	4866061.5		2.14E-03	1.54E-04	3.69E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	7.32E-07	1.65E-04	6.60E-04	1.32E-03																		
134	Primary School I	685186.2	4866568.2		2.15E-03	1.55E-04	8.18E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.62E-06	1.65E-04	6.60E-04	1.32E-03																		
135	Primary School J	685965.3	4866979.0		2.14E-03	1.54E-04	4.31E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	8.53E-07	1.65E-04	6.60E-04	1.32E-03																		
136	Primary School K	677709.9	4864726.5		2.14E-03	1.55E-04	7.48E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04	3.30E-04	1.48E-06	1.65E-04	6.60E-04	1.32E-03																		
137	Primary School L	675988.3	4864270.2		2.15E-03	1.55E-04	7.76E-06		7.53E-																																						



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chlorophthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene																							
																												Updated Facility Contaminant Emission Rate (g/s)	6.81E-06	1.70E-06	4.47E-06	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07	9.86E-05	0.00E+00	1.25E-07	0.00E+00	8.86E-07	4.00E-08	0.00E+00	0.00E+00
																												Background Concentration (ug/m3)	2.13E-03	1.52E-04	3.91E-06	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-04
160	Primary School II	672616.7	4862114.9		2.14E-03	1.54E-04	3.91E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.74E-07	1.65E-04	6.60E-04	1.32E-03																							
161	Primary School JJ	673567.2	4861899.5		2.14E-03	1.54E-04	5.33E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.06E-06	1.65E-04	6.60E-04	1.32E-03																							
162	Primary School KK	671791.0	4861954.2		2.14E-03	1.53E-04	3.34E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.61E-07	1.65E-04	6.60E-04	1.32E-03																							
163	Primary School LL	673762.3	4864210.6		2.14E-03	1.54E-04	3.94E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.80E-07	1.65E-04	6.60E-04	1.32E-03																							
164	Primary School MM	672238.8	4864621.3		2.14E-03	1.53E-04	3.49E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	6.92E-07	1.65E-04	6.60E-04	1.32E-03																							
165	Primary School NN	673213.6	4858677.0		2.14E-03	1.53E-04	3.32E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.58E-07	1.65E-04	6.60E-04	1.32E-03																							
166	Primary School OO	675474.8	4863221.7		2.15E-03	1.56E-04	1.13E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.24E-06	1.65E-04	6.60E-04	1.32E-03																							
167	Primary School PP	672441.8	4858748.6		2.14E-03	1.54E-04	4.24E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.41E-07	1.65E-04	6.60E-04	1.32E-03																							
168	Primary School QQ	672796.8	4864438.2		2.14E-03	1.54E-04	3.95E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.83E-07	1.65E-04	6.60E-04	1.32E-03																							
169	Primary School RR	671351.4	4863284.0		2.14E-03	1.53E-04	3.09E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.12E-07	1.65E-04	6.60E-04	1.32E-03																							
170	Primary School SS	673213.9	4862125.5		2.14E-03	1.54E-04	5.28E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.05E-06	1.65E-04	6.60E-04	1.32E-03																							
171	Primary School TT	671017.9	4860953.7		2.14E-03	1.53E-04	2.65E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.38E-03	3.30E-04	2.35E-04	3.30E-04	5.26E-07	1.65E-04	6.60E-04	1.32E-03																							
172	Primary School UU	670991.0	4861089.8		2.14E-03	1.53E-04	2.99E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	5.92E-07	1.65E-04	6.60E-04	1.32E-03																							
173	Primary School VV	674150.1	4862294.8		2.14E-03	1.54E-04	4.92E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.75E-07	1.65E-04	6.60E-04	1.32E-03																							
174	Primary School WW	672005.2	4861707.9		2.14E-03	1.54E-04	3.95E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.82E-07	1.65E-04	6.60E-04	1.32E-03																							
175	Primary School XX	684172.1	4863615.6		2.14E-03	1.55E-04	6.87E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.36E-06	1.65E-04	6.60E-04	1.32E-03																							
176	Primary School YY	683923.3	4866636.4		2.14E-03	1.54E-04	4.13E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.18E-07	1.65E-04	6.60E-04	1.32E-03																							
177	Primary School ZZ	680446.0	4865770.5		2.14E-03	1.54E-04	5.89E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.17E-06	1.65E-04	6.60E-04	1.32E-03																							
178	Vacant School	685612.9	4864520.0		2.14E-03	1.54E-04	4.35E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.62E-07	1.65E-04	6.60E-04	1.32E-03																							
179	Secondary School A	686291.4	4865064.3		2.14E-03	1.55E-04	6.76E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.34E-06	1.65E-04	6.60E-04	1.32E-03																							
180	Secondary School B	683875.0	4864741.7		2.14E-03	1.55E-04	6.39E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	1.27E-06	1.65E-04	6.60E-04	1.32E-03																							
181	Secondary School C	684650.3	4866460.3		2.14E-03	1.54E-04	5.21E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	1.03E-06	1.65E-04	6.60E-04	1.32E-03																							
182	Secondary School D	678099.5	4864838.2		2.14E-03	1.54E-04	5.39E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.07E-06	1.65E-04	6.60E-04	1.32E-03																							
183	Secondary School E	678467.0	4863431.2		2.16E-03	1.59E-04	1.88E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.73E-03	3.30E-04	2.35E-04	3.30E-04	3.73E-06	1.65E-04	6.60E-04	1.32E-03																							
184	Secondary School F	674144.9	4862762.7		2.14E-03	1.55E-04	6.59E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	1.31E-06	1.65E-04	6.60E-04	1.32E-03																							
185	Secondary School G	673816.0	4864357.1		2.14E-03	1.53E-04	3.15E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.25E-07	1.65E-04	6.60E-04	1.32E-03																							
186	Secondary School H	673145.4	4858569.0		2.14E-03	1.53E-04	3.35E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.63E-07	1.65E-04	6.60E-04	1.32E-03																							
187	Secondary School I	671291.7	4863581.3		2.14E-03	1.54E-04	3.62E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.18E-07	1.65E-04	6.60E-04	1.32E-03																							
188	Secondary School J	671443.2	4861664.9		2.14E-03	1.54E-04	4.00E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.93E-07	1.65E-04	6.60E-04	1.32E-03																							
189	Secondary School K	673235.3	4860885.0		2.14E-03	1.54E-04	3.94E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.80E-07	1.65E-04	6.60E-04	1.32E-03																							
190	Secondary School L	684252.7	4866500.5		2.14E-03	1.54E-04	5.57E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.10E-06	1.65E-04	6.60E-04	1.32E-03																							
191	Secondary School M	673914.1	4859551.7		2.14E-03	1.54E-04	4.53E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.97E-07	1.65E-04	6.60E-04	1.32E-03																							
192	Secondary School N	675051.5	4864177.2		2.14E-03	1.54E-04	3.86E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04																																			

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene
213	Port Darlington 5	686406.8	4861448.7		2.14E-03	1.54E-04	5.50E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.09E-06	1.65E-04	6.60E-04	1.32E-03
214	Port Darlington 6	686504.5	4861604.0		2.14E-03	1.54E-04	6.05E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.20E-06	1.65E-04	6.60E-04	1.32E-03
215	Port Darlington 7	686703.0	4861789.3		2.14E-03	1.54E-04	6.15E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.22E-06	1.65E-04	6.60E-04	1.32E-03
216	Port Darlington 8	686895.8	4861960.2		2.14E-03	1.54E-04	4.88E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.67E-07	1.65E-04	6.60E-04	1.32E-03
217	Port Darlington 9	686867.4	4862119.7		2.14E-03	1.54E-04	3.80E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.54E-07	1.65E-04	6.60E-04	1.32E-03
218	Port Darlington 10	687190.7	4862048.8		2.14E-03	1.54E-04	4.48E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	8.87E-07	1.65E-04	6.60E-04	1.32E-03
219	Port Darlington 11	687524.4	4862126.8		2.14E-03	1.54E-04	5.38E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.07E-06	1.65E-04	6.60E-04	1.32E-03
220	Campground 1	678646.3	4860337.7		2.16E-03	1.58E-04	1.56E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	3.09E-06	1.65E-04	6.60E-04	1.32E-03
221	Campground 2	678410.2	4860148.6		2.15E-03	1.57E-04	1.40E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	2.78E-06	1.65E-04	6.60E-04	1.32E-03
222	Campground 3	678651.0	4860054.4		2.16E-03	1.58E-04	1.55E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	3.08E-06	1.65E-04	6.60E-04	1.32E-03
223	Campground 4	678725.9	4859860.7		2.16E-03	1.58E-04	1.58E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.13E-06	1.65E-04	6.60E-04	1.32E-03
224	Campground 5	678511.1	4859808.6		2.15E-03	1.57E-04	1.41E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	2.79E-06	1.65E-04	6.60E-04	1.32E-03
225	Campground 6	678869.5	4859696.0		2.15E-03	1.57E-04	1.32E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.61E-06	1.65E-04	6.60E-04	1.32E-03
226	Campground 7	678723.9	4860201.8		2.16E-03	1.58E-04	1.48E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.65E-03	3.30E-04	2.35E-04	3.30E-04	2.94E-06	1.65E-04	6.60E-04	1.32E-03
227	Campground 8	678796.0	4860011.4		2.16E-03	1.58E-04	1.66E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.69E-03	3.30E-04	2.35E-04	3.30E-04	3.29E-06	1.65E-04	6.60E-04	1.32E-03
228	Campground 9	678852.7	4859854.2		2.16E-03	1.58E-04	1.64E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.68E-03	3.30E-04	2.35E-04	3.30E-04	3.25E-06	1.65E-04	6.60E-04	1.32E-03
229	Solina 1	681099.6	4861677.2		2.16E-03	1.59E-04	1.78E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.71E-03	3.30E-04	2.35E-04	3.30E-04	3.52E-06	1.65E-04	6.60E-04	1.32E-03
230	Solina 2	681115.7	4861857.7		2.17E-03	1.60E-04	2.14E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.79E-03	3.30E-04	2.35E-04	3.30E-04	4.24E-06	1.65E-04	6.60E-04	1.32E-03
231	Solina 3	680987.4	4861983.5		2.16E-03	1.58E-04	1.61E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.19E-06	1.65E-04	6.60E-04	1.32E-03
232	Solina 4	680965.0	4862068.1		2.16E-03	1.58E-04	1.47E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	2.91E-06	1.65E-04	6.60E-04	1.32E-03
233	Solina 5	681021.5	4862086.7		2.16E-03	1.58E-04	1.54E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	3.06E-06	1.65E-04	6.60E-04	1.32E-03
234	Solina 6	680939.8	4862124.3		2.15E-03	1.57E-04	1.33E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.63E-06	1.65E-04	6.60E-04	1.32E-03
235	Solina 7	680988.2	4862183.6		2.15E-03	1.57E-04	1.37E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.62E-03	3.30E-04	2.35E-04	3.30E-04	2.71E-06	1.65E-04	6.60E-04	1.32E-03
236	Solina 8	680984.6	4862209.8		2.15E-03	1.57E-04	1.30E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.58E-06	1.65E-04	6.60E-04	1.32E-03
237	Solina 9	680958.6	4862294.9		2.15E-03	1.57E-04	1.19E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-06	1.65E-04	6.60E-04	1.32E-03
238	Solina 10	680858.0	4862324.3		2.16E-03	1.58E-04	1.42E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	2.81E-06	1.65E-04	6.60E-04	1.32E-03
239	Solina 11	680990.3	4862403.5		2.16E-03	1.58E-04	1.43E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	2.84E-06	1.65E-04	6.60E-04	1.32E-03
240	Recreational 1	681545.0	4860865.0		2.16E-03	1.59E-04	1.88E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.73E-03	3.30E-04	2.35E-04	3.30E-04	3.73E-06	1.65E-04	6.60E-04	1.32E-03
241	Recreational 2	681563.7	4860687.4		2.18E-03	1.64E-04	3.10E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.00E-03	3.30E-04	2.36E-04	3.30E-04	6.15E-06	1.65E-04	6.60E-04	1.32E-03
242	Recreational 3	681579.7	4860610.0		2.19E-03	1.66E-04	3.55E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.10E-03	3.30E-04	2.36E-04	3.30E-04	7.04E-06	1.65E-04	6.60E-04	1.32E-03
243	Recreational 6	681876.6	4860254.4		2.17E-03	1.61E-04	2.33E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	4.61E-06	1.65E-04	6.60E-04	1.

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chlorophthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene
266	Future Industrial 8	680398.0	4860731.8		2.21E-03	1.70E-04	4.78E-05		7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.40E-04	3.36E-04	1.87E-04	1.66E-04	3.33E-04	4.37E-03	3.30E-04	2.36E-04	3.30E-04	9.46E-06	1.65E-04	6.60E-04	1.32E-03
267	Future Industrial 1	680359.6	4859959.2		2.18E-03	1.64E-04	3.18E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.02E-03	3.30E-04	2.36E-04	3.30E-04	6.31E-06	1.65E-04	6.60E-04	1.32E-03
268	Future Industrial 2	680083.7	4859985.7		2.18E-03	1.63E-04	2.90E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.96E-03	3.30E-04	2.36E-04	3.30E-04	5.75E-06	1.65E-04	6.60E-04	1.32E-03
269	Future Industrial 3	680819.9	4860705.3		2.19E-03	1.66E-04	3.65E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.12E-03	3.30E-04	2.36E-04	3.30E-04	7.23E-06	1.65E-04	6.60E-04	1.32E-03
270	Future Industrial 4	681070.0	4859937.2		2.19E-03	1.66E-04	3.72E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.14E-03	3.30E-04	2.36E-04	3.30E-04	7.38E-06	1.65E-04	6.60E-04	1.32E-03
271	Future Industrial 5	679898.8	4860067.4		2.18E-03	1.63E-04	2.90E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.96E-03	3.30E-04	2.36E-04	3.30E-04	5.75E-06	1.65E-04	6.60E-04	1.32E-03
272	Future Industrial 6	680134.8	4860694.1		2.20E-03	1.68E-04	4.04E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.85E-04	1.66E-04	3.32E-04	4.21E-03	3.30E-04	2.36E-04	3.30E-04	8.01E-06	1.65E-04	6.60E-04	1.32E-03
273	Future Industrial 11	680253.7	4860255.2		2.23E-03	1.75E-04	6.05E-05		7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.42E-04	3.38E-04	1.91E-04	1.66E-04	3.34E-04	4.65E-03	3.30E-04	2.36E-04	3.30E-04	1.20E-05	1.65E-04	6.60E-04	1.32E-03
274	Future Industrial 12	679901.2	4860511.8		2.18E-03	1.65E-04	3.28E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.04E-03	3.30E-04	2.36E-04	3.30E-04	6.51E-06	1.65E-04	6.60E-04	1.32E-03
275	Commercial Farmer	679867.8	4860445.4		2.19E-03	1.66E-04	3.64E-05		7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.12E-03	3.30E-04	2.36E-04	3.30E-04	7.20E-06	1.65E-04	6.60E-04	1.32E-03
276	Farmer	679277.0	4859981.5		2.16E-03	1.59E-04	1.78E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.71E-03	3.30E-04	2.35E-04	3.30E-04	3.54E-06	1.65E-04	6.60E-04	1.32E-03
277	Residence	679387.2	4860648.9		2.16E-03	1.60E-04	2.06E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.77E-03	3.30E-04	2.35E-04	3.30E-04	4.08E-06	1.65E-04	6.60E-04	1.32E-03
278	Barn	679261.9	4860574.2		2.16E-03	1.60E-04	1.94E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.85E-06	1.65E-04	6.60E-04	1.32E-03
279	Residence	680150.7	4861295.7		2.17E-03	1.61E-04	2.25E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.82E-03	3.30E-04	2.35E-04	3.30E-04	4.46E-06	1.65E-04	6.60E-04	1.32E-03
280	Residence	679939.8	4861213.4		2.18E-03	1.63E-04	2.73E-05		7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.92E-03	3.30E-04	2.36E-04	3.30E-04	5.40E-06	1.65E-04	6.60E-04	1.32E-03
281	Farmer	680855.7	4861456.9		2.17E-03	1.61E-04	2.44E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.86E-03	3.30E-04	2.35E-04	3.30E-04	4.84E-06	1.65E-04	6.60E-04	1.32E-03
282	Farmer	681386.2	4861673.3		2.16E-03	1.59E-04	1.94E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.83E-06	1.65E-04	6.60E-04	1.32E-03
283	Residence	680683.5	4861597.9		2.17E-03	1.60E-04	2.08E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.78E-03	3.30E-04	2.35E-04	3.30E-04	4.12E-06	1.65E-04	6.60E-04	1.32E-03
284	Business	680064.3	4861343.7		2.17E-03	1.60E-04	2.15E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.79E-03	3.30E-04	2.35E-04	3.30E-04	4.27E-06	1.65E-04	6.60E-04	1.32E-03
285	Farmer	679680.1	4861213.5		2.17E-03	1.61E-04	2.40E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.85E-03	3.30E-04	2.35E-04	3.30E-04	4.76E-06	1.65E-04	6.60E-04	1.32E-03
286	Farmer	681344.8	4861792.9		2.16E-03	1.58E-04	1.95E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.13E-06	1.65E-04	6.60E-04	1.32E-03
287	Youth Centre	685644.2	4864814.8		2.14E-03	1.54E-04	4.92E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.75E-07	1.65E-04	6.60E-04	1.32E-03
288	Bowmanville Arena	685462.9	4864615.2		2.14E-03	1.54E-04	4.98E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.87E-07	1.65E-04	6.60E-04	1.32E-03
289	Bowmanville Rec Complex	684160.3	4864604.5		2.14E-03	1.54E-04	5.38E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.07E-06	1.65E-04	6.60E-04	1.32E-03
290	Recreation Complex	684586.6	4862406.3		2.15E-03	1.55E-04	7.89E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.56E-06	1.65E-04	6.60E-04	1.32E-03
291	Superdog Central	681487.7	4865723.3		2.14E-03	1.54E-04	5.30E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.05E-06	1.65E-04	6.60E-04	1.32E-03
292	Equestrian Centre	681567.1	4863670.7		2.16E-03	1.58E-04	1.53E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	3.04E-06	1.65E-04	6.60E-04	1.32E-03
293	Flea Market	678574.6	4862819.4		2.15E-03	1.56E-04	1.06E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.09E-06	1.65E-04	6.60E-04	1.32E-03
294	Equestrian Centre	680030.8	4867320.2		2.14E-03	1.53E-04	3.22E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.37E-07	1.65E-04	6.60E-04	1.32E-03
295	Courtice Community Complex	678099.3	4864629.8		2.14E-03	1.54E-04	6.03E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.19E-06	1.65E-04	6.60E-04	1.32E-03
296	Former Restaurant	679830.2	4860702.2		2.17E-03	1.61E-04	2.23E-05		7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.81E-03	3.30E-04	2.35E-04	3.30E-04	4.41E-06	1.65E-04	6.60E-04	1.32E-03
297	Commercial	679																									

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,h)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene																							
																												Updated Facility Contaminant Emission Rate (g/s)	6.81E-06	1.70E-06	4.47E-06	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07	9.86E-05	0.00E+00	1.25E-07	0.00E+00	8.86E-07	4.00E-08	0.00E+00	0.00E+00
																												Background Concentration (ug/m3)	2.13E-03	1.52E-04		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04	3.30E-04	3.30E-04	2.35E-04	3.30E-04
319	Soper 7	685683.2	4867148.1		2.14E-03	1.54E-04	5.20E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	1.03E-06	1.65E-04	6.60E-04	1.32E-03																							
320	Soper 8	686748.7	4865874.7		2.14E-03	1.54E-04	5.14E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	1.02E-06	1.65E-04	6.60E-04	1.32E-03																							
321	Bowmanville 1	687026.3	4862368.4		2.14E-03	1.54E-04	3.86E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.64E-07	1.65E-04	6.60E-04	1.32E-03																							
322	Bowmanville 2	686625.7	4863020.3		2.14E-03	1.54E-04	5.47E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.08E-06	1.65E-04	6.60E-04	1.32E-03																							
323	Bowmanville 3	683380.3	4865365.9		2.14E-03	1.54E-04	6.10E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.21E-06	1.65E-04	6.60E-04	1.32E-03																							
324	Bowmanville 4	683111.4	4867150.3		2.14E-03	1.54E-04	4.71E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.42E-03	3.30E-04	2.35E-04	3.30E-04	9.33E-07	1.65E-04	6.60E-04	1.32E-03																							
325	Bowmanville 5	682452.2	4869417.5		2.14E-03	1.53E-04	2.81E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.38E-03	3.30E-04	2.35E-04	3.30E-04	5.58E-07	1.65E-04	6.60E-04	1.32E-03																							
326	Bowmanville 6	684778.5	4864888.2		2.14E-03	1.54E-04	4.90E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.71E-07	1.65E-04	6.60E-04	1.32E-03																							
327	Bowmanville 7	684549.5	4866404.4		2.14E-03	1.54E-04	5.21E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	1.03E-06	1.65E-04	6.60E-04	1.32E-03																							
328	Upper Tooley 1	679944.8	4864883.1		2.14E-03	1.55E-04	6.74E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.34E-06	1.65E-04	6.60E-04	1.32E-03																							
329	Upper Tooley 2	679055.1	4863885.8		2.16E-03	1.59E-04	1.77E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.71E-03	3.30E-04	2.35E-04	3.30E-04	3.51E-06	1.65E-04	6.60E-04	1.32E-03																							
330	Upper Tooley 3	679714.0	4862767.4		2.15E-03	1.57E-04	1.19E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.36E-06	1.65E-04	6.60E-04	1.32E-03																							
331	Upper Tooley 4	678898.8	4861800.6		2.16E-03	1.58E-04	1.59E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.16E-06	1.65E-04	6.60E-04	1.32E-03																							
332	Upper Tooley 5	680353.5	4862156.5		2.16E-03	1.59E-04	1.80E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.72E-03	3.30E-04	2.35E-04	3.30E-04	3.57E-06	1.65E-04	6.60E-04	1.32E-03																							
333	Upper Tooley 6	679818.1	4861625.7		2.16E-03	1.60E-04	1.94E-05		7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.84E-06	1.65E-04	6.60E-04	1.32E-03																							
334	Robinson 1	678434.8	4860943.1		2.16E-03	1.58E-04	1.60E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.17E-06	1.65E-04	6.60E-04	1.32E-03																							
335	Robinson 2	677752.6	4861240.6		2.15E-03	1.57E-04	1.35E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.62E-03	3.30E-04	2.35E-04	3.30E-04	2.68E-06	1.65E-04	6.60E-04	1.32E-03																							
336	Robinson 3	677642.2	4861787.2		2.15E-03	1.56E-04	1.06E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.10E-06	1.65E-04	6.60E-04	1.32E-03																							
337	Robinson 4	678532.7	4862143.6		2.16E-03	1.58E-04	1.43E-05		7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	2.84E-06	1.65E-04	6.60E-04	1.32E-03																							
338	Robinson 5	678005.1	4862784.9		2.15E-03	1.56E-04	9.30E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.84E-06	1.65E-04	6.60E-04	1.32E-03																							
339	Robinson 6	677882.7	4860587.7		2.15E-03	1.56E-04	1.14E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.27E-06	1.65E-04	6.60E-04	1.32E-03																							
340	F/B 1	677443.1	4867862.1		2.14E-03	1.54E-04	4.28E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.48E-07	1.65E-04	6.60E-04	1.32E-03																							
341	F/B 2	679667.4	4866611.4		2.14E-03	1.54E-04	4.94E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	9.79E-07	1.65E-04	6.60E-04	1.32E-03																							
342	F/B 3	678655.0	4867470.1		2.14E-03	1.53E-04	3.59E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.11E-07	1.65E-04	6.60E-04	1.32E-03																							
343	F/B 4	676191.2	4866844.7		2.14E-03	1.54E-04	3.81E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.56E-07	1.65E-04	6.60E-04	1.32E-03																							
344	F/B 5	678273.3	4866093.0		2.14E-03	1.55E-04	6.32E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	1.25E-06	1.65E-04	6.60E-04	1.32E-03																							
345	F/B 6	681241.2	4867098.8		2.14E-03	1.54E-04	5.06E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.43E-03	3.30E-04	2.35E-04	3.30E-04	1.00E-06	1.65E-04	6.60E-04	1.32E-03																							
346	F/B 7	682165.3	4868082.3		2.14E-03	1.53E-04	3.35E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.64E-07	1.65E-04	6.60E-04	1.32E-03																							
347	F/B 8	679366.6	4868628.3		2.14E-03	1.54E-04	3.94E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.81E-07	1.65E-04	6.60E-04	1.32E-03																							
348	F/B 9	680310.1	4869967.1		2.14E-03	1.53E-04	3.17E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	6.28E-07	1.65E-04	6.60E-04	1.32E-03																							
349	F/B 10	676487.3	4869291.6		2.14E-03	1.53E-04	3.53E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	6.98E-07	1.65E-04	6.60E-04	1.32E-03																							
350	F/B 11	676851.4	4865409.3		2.14E-03	1.54E-04	3.69E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	7.32E-07	1.65E-04	6.60E-04	1.32E-03																							
351	F/B 12	681153.3	4868682.2		2.14E-03	1.54E-04	3.68E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04																																				



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	6.81E-06	1.70E-06		4.47E-06	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07	9.86E-05	0.00E+00	1.25E-07	0.00E+00	8.86E-07	4.00E-08	0.00E+00
					Background Concentration (ug/m3)	2.13E-03	1.52E-04		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04		1.65E-04	6.60E-04	1.32E-03
372	Westside 1	686082.6	4862776.6		2.14E-03	1.55E-04	6.63E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.31E-06	1.65E-04	6.60E-04	1.32E-03
373	Westside 2	685778.7	4862137.9		2.14E-03	1.54E-04	5.77E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.14E-06	1.65E-04	6.60E-04	1.32E-03
374	Westside 3	685084.2	4862827.4		2.15E-03	1.55E-04	7.76E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.54E-06	1.65E-04	6.60E-04	1.32E-03
375	Darlington 1	680977.5	4865674.4		2.14E-03	1.54E-04	5.74E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.14E-06	1.65E-04	6.60E-04	1.32E-03
376	Darlington 2	680913.9	4863967.1		2.15E-03	1.56E-04	1.05E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.08E-06	1.65E-04	6.60E-04	1.32E-03
377	Darlington 3	682602.8	4863659.6		2.15E-03	1.56E-04	9.98E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.98E-06	1.65E-04	6.60E-04	1.32E-03
378	Darlington 4	682206.4	4862910.4		2.15E-03	1.57E-04	1.21E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.41E-06	1.65E-04	6.60E-04	1.32E-03
379	Darlington 5	683223.2	4861114.0		2.15E-03	1.55E-04	8.82E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.75E-06	1.65E-04	6.60E-04	1.32E-03
380	Darlington 6	683947.7	4862362.0		2.15E-03	1.56E-04	9.10E-06		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.80E-06	1.65E-04	6.60E-04	1.32E-03
381	Darlington 7	685361.9	4861143.4		2.14E-03	1.55E-04	6.68E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.32E-06	1.65E-04	6.60E-04	1.32E-03
382	Bennett ECO/HH	688606.4	4862634.8		2.14E-03	1.54E-04	4.04E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.00E-07	1.65E-04	6.60E-04	1.32E-03
383	Oshawa ECO/HH	673884.9	4859128.9		2.14E-03	1.54E-04	5.71E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.45E-03	3.30E-04	2.35E-04	3.30E-04	1.13E-06	1.65E-04	6.60E-04	1.32E-03
384	Oshawa Creek 1	671671.2	4862793.7		2.14E-03	1.53E-04	3.50E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.40E-03	3.30E-04	2.35E-04	3.30E-04	6.94E-07	1.65E-04	6.60E-04	1.32E-03
385	Oshawa Creek 2	671668.5	4861589.5		2.14E-03	1.54E-04	4.12E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.15E-07	1.65E-04	6.60E-04	1.32E-03
386	Oshawa Creek 3	672820.2	4861287.2		2.14E-03	1.54E-04	4.30E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.51E-07	1.65E-04	6.60E-04	1.32E-03
387	Oshawa Creek 4	672360.3	4860262.6		2.14E-03	1.53E-04	3.02E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.39E-03	3.30E-04	2.35E-04	3.30E-04	5.98E-07	1.65E-04	6.60E-04	1.32E-03
388	Oshawa Creek 5	673921.2	4860115.0		2.14E-03	1.54E-04	4.27E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.47E-07	1.65E-04	6.60E-04	1.32E-03
389	Oshawa Creek 6	673154.0	4859421.9		2.14E-03	1.54E-04	4.29E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.74E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	8.50E-07	1.65E-04	6.60E-04	1.32E-03
390	Farmer	677409.8	4861051.4		2.15E-03	1.57E-04	1.26E-05		7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	2.49E-06	1.65E-04	6.60E-04	1.32E-03
391	Commercial Market	688276.3	4864698.5		2.14E-03	1.54E-04	3.92E-06		7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.30E-04	1.73E-04	1.65E-04	3.30E-04	3.41E-03	3.30E-04	2.35E-04	3.30E-04	7.77E-07	1.65E-04	6.60E-04	1.32E-03



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	7,12 – dimethyl benzo(a) nthalracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylanthracene	2 – methylanthracene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde
					(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)	(g/s)
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00	1.66E-06	0.00E+00	1.65E-05	0.00E+00	2.70E-06	0.00E+00	0.00E+00		2.40E-08
				Background Concentration (ug/m3)	3.30E-04	1.46E-03		1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04		5.91E-03	3.30E-04	6.26E-03		6.88E-04	1.32E-03	3.30E-04		3.30E-04	3.30E-04	3.30E-04		4.29
1	Campground 10	678526.8	4859996.8		3.30E-04	1.47E-03	3.58E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04		4.29
2	ECO 2	675490.4	4860360.1		3.30E-04	1.47E-03	1.82E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
3	Recreational 5	681642.0	4860349.3		3.30E-04	1.47E-03	7.26E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.45E-04	0.00E+00	3.49E-04	3.30E-04	3.30E-04		4.29
4	ECO 4	676831.5	4859840.9		3.30E-04	1.47E-03	1.84E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
5	Bow. Valley Cons. 3	685767.2	4863879.0		3.30E-04	1.47E-03	1.14E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
6	ECO 6	679647.8	4859989.3		3.30E-04	1.47E-03	7.05E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.45E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.42E-04	0.00E+00	3.48E-04	3.30E-04	3.30E-04		4.29
7	ECO 7	681578.8	4862070.1		3.30E-04	1.47E-03	3.29E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.82E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04		4.29
8	ECO 8	679735.5	4861048.6		3.30E-04	1.47E-03	6.76E-06	1.67E-04	3.30E-04	6.60E-03	3.19E-03	5.45E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.38E-04	0.00E+00	3.47E-04	3.30E-04	3.30E-04		4.29
9	ECO 9	687219.7	4864249.3		3.30E-04	1.46E-03	8.49E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
10	ECO 10	686519.0	4861987.6		3.30E-04	1.47E-03	1.30E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
11	ECO 11	679870.4	4859737.9		3.30E-04	1.47E-03	5.80E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.22E-04	0.00E+00	3.45E-04	3.30E-04	3.30E-04		4.29
12	Recreational 4	681575.5	4860557.7		3.30E-04	1.48E-03	8.60E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.67E-04	0.00E+00	3.52E-04	3.30E-04	3.30E-04		4.29
13	Future Industrial 9	680704.5	4859857.8		3.30E-04	1.47E-03	4.63E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.04E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04		4.29
14	Future Industrial 10	680608.0	4860719.6		3.30E-04	1.48E-03	1.14E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.53E-03	3.30E-04	0.00E+00	6.07E-03	3.30E-04	6.30E-03	0.00E+00	7.06E-04	1.32E-03	5.12E-04	0.00E+00	3.60E-04	3.30E-04	3.30E-04		4.29
15	Harmony Creek	673992.4	4865641.4		3.30E-04	1.46E-03	7.08E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.41E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
16	Farewell Creek	678079.2	4868822.7		3.30E-04	1.46E-03	7.29E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.41E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
17	Farmer	681378.6	4860335.0		3.30E-04	1.47E-03	6.32E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.31E-04	0.00E+00	3.46E-04	3.30E-04	3.30E-04		4.29
18	Watson Farm	682883.4	4864219.7		3.30E-04	1.47E-03	2.34E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29
19	Racanski Farm	678929.2	4865530.2		3.30E-04	1.47E-03	1.27E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
20	Zoo	687216.8	4864835.3		3.30E-04	1.46E-03	7.91E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.42E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
21	Cedar Crest Beach	686652.1	4861660.9		3.30E-04	1.47E-03	1.60E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.55E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
22	Darlington Prov Park Beach	677844.6	4859718.2		3.30E-04	1.47E-03	2.39E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.68E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29
23	OPG 1	682258.1	4860045.0		3.30E-04	1.47E-03	3.59E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04		4.29
24	OPG 2	682551.4	4859889.1		3.30E-04	1.47E-03	3.04E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04		4.29
25	OPG 3	682824.6	4859759.3		3.30E-04	1.47E-03	2.65E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.72E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04		4.29
26	OPG 4	683021.6	4859937.3		3.30E-04	1.47E-03	3.06E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.79E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04		4.29
27	OPG 5	683318.2	4859677.8		3.30E-04	1.47E-03	2.10E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
28	OPG 6	683306.9	4860023.0		3.30E-04	1.47E-03	2.76E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.74E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04		4.29
29	OPG 7	683718.6	4859915.8		3.30E-04	1.47E-03	2.21E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.65E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29
30	OPG 8	682702.0	4859998.6		3.30E-04	1.47E-03	2.71E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.73E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04		4.29
31	OPG 9	684347.7																									

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	7,12 – dimethyl benzo(a) nthalene	Fluoranthene	Fluorine	Indeno(1, 2,3 – cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylanthracene	2 – methylanthracene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde
					Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00	1.66E-06	0.00E+00	1.65E-05	0.00E+00	2.70E-06	0.00E+00		
		(m)	(m)	Background Concentration (ug/m3)	3.30E-04	1.46E-03	1.03E-06	1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04	0.00E+00	5.91E-03	3.30E-04	6.26E-03	0.00E+00	6.88E-04	1.32E-03	3.30E-04	0.00E+00	3.30E-04	3.30E-04	3.30E-04		
54	Bow. Subdivision 9	684777.3	4863330.5		3.30E-04	1.47E-03	2.32E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29
55	Bow. Subdivision 10	685266.0	4863243.1		3.30E-04	1.47E-03	1.63E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.56E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
56	Osh/Court Subdivision 1	677396.8	4860977.3		3.30E-04	1.47E-03	2.86E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.75E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04		4.29
57	Osh/Court Subdivision 2	676633.5	4860816.8		3.30E-04	1.47E-03	2.01E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
58	Osh/Court Subdivision 3	676916.0	4861925.0		3.30E-04	1.47E-03	2.12E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
59	Osh/Court Subdivision 4	676730.5	4861317.1		3.30E-04	1.47E-03	2.11E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
60	Osh/Court Subdivision 5	676087.2	4861392.3		3.30E-04	1.47E-03	1.81E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
61	Osh/Court Subdivision 6	676177.1	4861722.2		3.30E-04	1.47E-03	2.13E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
62	Osh/Court Subdivision 7	675670.7	4861783.2		3.30E-04	1.47E-03	1.48E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.53E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
63	Osh/Court Subdivision 8	676050.8	4862055.7		3.30E-04	1.47E-03	3.57E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04		4.29
64	Osh/Court Subdivision 9	676636.9	4862134.3		3.30E-04	1.47E-03	2.00E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
65	Osh/Court Subdivision 10	676571.3	4861634.8		3.30E-04	1.47E-03	1.75E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
66	Bow. Subdivision 11	684649.2	4863182.7		3.30E-04	1.47E-03	2.06E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
67	Daycare B	685172.4	4863933.1		3.30E-04	1.47E-03	1.19E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
68	Daycare C	685452.0	4863104.4		3.30E-04	1.47E-03	1.59E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.55E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
69	Daycare D	685527.7	4864693.3		3.30E-04	1.47E-03	1.15E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
70	Daycare E	685735.4	4864790.8		3.30E-04	1.47E-03	1.15E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
71	Daycare F	685520.3	4864854.3		3.30E-04	1.47E-03	1.09E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
72	Daycare G	685441.9	4864878.0		3.30E-04	1.46E-03	1.00E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
73	Daycare H	686364.8	4864707.8		3.30E-04	1.47E-03	1.36E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
74	Daycare I	685721.6	4865127.3		3.30E-04	1.46E-03	9.25E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
75	Daycare J	678256.3	4863565.4		3.30E-04	1.47E-03	4.65E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.04E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04		4.29
76	Daycare K	677694.1	4864043.7		3.30E-04	1.47E-03	2.18E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.65E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29
77	Daycare L	676479.5	4862526.2		3.30E-04	1.47E-03	2.52E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.70E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29
78	Daycare M	678320.9	4864763.5		3.30E-04	1.47E-03	1.31E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
79	Daycare N	678513.4	4865058.0		3.30E-04	1.47E-03	1.57E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.55E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
80	Daycare O	672788.7	4863936.6		3.30E-04	1.47E-03	1.15E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
81	Daycare P	673952.8	4863592.5		3.30E-04	1.47E-03	1.68E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.57E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
82	Daycare Q	671751.8	4864887.7		3.30E-04	1.46E-03	6.84E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.41E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
83	Daycare R	685714.4	4864667.4		3.30E-04	1.47E-03	1.13E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
84	Daycare S	684177.9	4863618.2		3.30E-04	1.47E-03	1.57E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.55E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
85	Daycare T	678423.6	4864480.4		3.30E-04	1.47E-03	1.76E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
86	Daycare U	685330.5	4863435.1		3.30E-04	1.47E-03	1.48E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.53E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
87	Daycare V	685153.2	4863236.9		3.30E-04	1.47																					

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	7,12 – dimethyl benzo(a) nthalene	Fluoranthene	Fluorine	Indeno(1, 2,3 – cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylanthralene	2 – methylanthralene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde
					Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00	1.66E-06	0.00E+00	1.65E-05	0.00E+00	2.70E-06	0.00E+00		
		(m)	(m)	Background Concentration (ug/m3)	3.30E-04	1.46E-03	8.67E-07	1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04	0.00E+00	5.91E-03	3.30E-04	6.26E-03	0.00E+00	6.88E-04	1.32E-03	3.30E-04	0.00E+00	3.30E-04	3.30E-04	3.30E-04		4.29
107	Daycare PP	674794.5	4864915.4		3.30E-04	1.46E-03	8.67E-07	1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04	0.00E+00	5.91E-03	3.30E-04	6.26E-03	0.00E+00	6.88E-04	1.32E-03	3.30E-04	0.00E+00	3.30E-04	3.30E-04	3.30E-04		4.29
108	Hospital	686324.2	4864395.8		3.30E-04	1.46E-03	8.48E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
109	Hospital (Children's)	676057.8	4862180.9		3.30E-04	1.47E-03	3.81E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.30E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04		4.29
110	Hospital	671233.2	4863615.9		3.30E-04	1.46E-03	8.41E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
111	Comm. Resp. Services	676045.4	4863902.5		3.30E-04	1.47E-03	1.92E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.30E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
112	Hospital	671712.7	4862364.1		3.30E-04	1.46E-03	9.37E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
113	Retirement Residence A	684199.9	4864120.3		3.30E-04	1.47E-03	1.93E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.30E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
114	Retirement Residence B	685483.9	4865150.9		3.30E-04	1.47E-03	1.09E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
115	Retirement Residence C	686844.0	4864732.1		3.30E-04	1.47E-03	1.13E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
116	Retirement Residence D	673481.7	4863343.4		3.30E-04	1.47E-03	1.25E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
117	Retirement Residence E	671825.2	4864399.0		3.30E-04	1.46E-03	8.85E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
118	Retirement Residence F	671606.3	4864536.0		3.30E-04	1.46E-03	8.10E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
119	Retirement Residence G	671357.1	4862958.7		3.30E-04	1.46E-03	6.67E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
120	Retirement Residence H	671514.0	4862262.9		3.30E-04	1.46E-03	8.76E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
121	Retirement Residence I	672602.2	4863075.9		3.30E-04	1.46E-03	8.39E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
122	Retirement Residence J	671719.1	4862893.1		3.30E-04	1.46E-03	7.45E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
123	Retirement Residence K	686718.0	4865648.7		3.30E-04	1.47E-03	1.43E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
124	Retirement Residence L	676168.7	4865669.9		3.30E-04	1.47E-03	1.08E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
125	Retirement Residence M	676118.5	4863980.7		3.30E-04	1.47E-03	2.08E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.30E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
126	Bow. Subdivision 12	684649.2	4863182.7		3.30E-04	1.47E-03	2.06E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.30E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
127	Primary School B	685384.8	4863575.3		3.30E-04	1.47E-03	1.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
128	Primary School C	685021.6	4863952.9		3.30E-04	1.47E-03	1.42E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
129	Primary School D	686237.0	4864085.5		3.30E-04	1.47E-03	1.05E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
130	Primary School E	686719.0	4863734.7		3.30E-04	1.46E-03	1.03E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
131	Primary School F	686357.0	4864754.9		3.30E-04	1.47E-03	1.41E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
132	Primary School G	685502.0	4865013.4		3.30E-04	1.46E-03	8.78E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
133	Primary School H	686726.7	4866061.5		3.30E-04	1.46E-03	8.55E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
134	Primary School I	685186.2	4866568.2		3.30E-04	1.47E-03	1.89E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.30E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
135	Primary School J	685965.3	4866979.0		3.30E-04	1.46E-03	9.97E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.30E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
136	Primary School K	677709.9	4864726.5		3.30E-04	1.47E-03	1.73E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.30E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
137	Primary School L	675988.3	4864270.2		3.30E-04	1.47E-03	1.80E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.30E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
138	Primary School M	676608.7	4862739.0		3.30E-04	1.47E-03	1.75E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.30E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
139	Primary School N	677222.2	4863759.1		3.30E-04	1.47E-03	2.98E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.30E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04		4.29
140	Primary School O	678154.9	4863872.7		3.30E-04	1.4																					



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	7,12 – dimethyl benzo(a) nthracene	Fluoranthene	Fluorine	Indeno(1, 2,3 – cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylanthracene	2 – methylanthracene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde			
					Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00	1.66E-06	0.00E+00	1.65E-05	0.00E+00	2.70E-06	0.00E+00			0.00E+00	0.00E+00	0.00E+00
					Background Concentration (ug/m3)	3.30E-04	1.46E-03	9.04E-07	1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04			3.30E-04	3.30E-04	3.30E-04
160	Primary School II	672616.7	4862114.9		3.30E-04	1.46E-03	9.04E-07	1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
161	Primary School JJ	673567.2	4861899.5		3.30E-04	1.47E-03	1.23E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29			
162	Primary School KK	671791.0	4861954.2		3.30E-04	1.46E-03	7.72E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.42E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
163	Primary School LL	673762.3	4864210.6		3.30E-04	1.46E-03	9.11E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
164	Primary School MM	672238.8	4864621.3		3.30E-04	1.46E-03	8.08E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
165	Primary School NN	673213.6	4858677.0		3.30E-04	1.46E-03	7.69E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.42E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
166	Primary School OO	675474.8	4863221.7		3.30E-04	1.47E-03	2.61E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.71E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04		4.29			
167	Primary School PP	672441.8	4858748.6		3.30E-04	1.46E-03	9.82E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
168	Primary School QQ	672796.8	4864438.2		3.30E-04	1.46E-03	9.14E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
169	Primary School RR	671351.4	4863284.0		3.30E-04	1.46E-03	7.14E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.41E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
170	Primary School SS	673213.9	4862125.5		3.30E-04	1.47E-03	1.22E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29			
171	Primary School TT	671017.9	4860953.7		3.30E-04	1.46E-03	6.14E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.40E-04	0.00E+00	3.31E-04	3.30E-04	3.30E-04		4.29			
172	Primary School UU	670991.0	4861089.8		3.30E-04	1.46E-03	6.92E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.41E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
173	Primary School VV	674150.1	4862294.8		3.30E-04	1.47E-03	1.14E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29			
174	Primary School WW	672005.2	4861707.9		3.30E-04	1.46E-03	9.13E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
175	Primary School XX	684172.1	4863615.6		3.30E-04	1.47E-03	1.59E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.55E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29			
176	Primary School YY	683923.3	4866636.4		3.30E-04	1.46E-03	9.56E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
177	Primary School ZZ	680446.0	4865770.5		3.30E-04	1.47E-03	1.36E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.52E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29			
178	Vacant School	685612.9	4864520.0		3.30E-04	1.46E-03	1.01E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
179	Secondary School A	686291.4	4865064.3		3.30E-04	1.47E-03	1.56E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.55E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29			
180	Secondary School B	683875.0	4864741.7		3.30E-04	1.47E-03	1.48E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.53E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29			
181	Secondary School C	684650.3	4866460.3		3.30E-04	1.47E-03	1.20E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29			
182	Secondary School D	678099.5	4864838.2		3.30E-04	1.47E-03	1.25E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29			
183	Secondary School E	678467.0	4863431.2		3.30E-04	1.47E-03	4.36E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.99E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04		4.29			
184	Secondary School F	674144.9	4862762.7		3.30E-04	1.47E-03	1.52E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.54E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29			
185	Secondary School G	673816.0	4864357.1		3.30E-04	1.46E-03	7.30E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.41E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
186	Secondary School H	673145.4	4858569.0		3.30E-04	1.46E-03	7.74E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.42E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
187	Secondary School I	671291.7	4863581.3		3.30E-04	1.46E-03	8.38E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
188	Secondary School J	671443.2	4861664.9		3.30E-04	1.46E-03	9.26E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
189	Secondary School K	673235.3	4860885.0		3.30E-04	1.46E-03	9.11E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
190	Secondary School L	684252.7	4866500.5		3.30E-04	1.47E-03	1.29E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29			
191	Secondary School M	673914.1	4859551.7		3.30E-04	1.47E-03	1.05E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29			
192	Secondary School N	675051.5	4864177.2		3.30E-04	1.46E-03	8.92E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29			
193	Adult School	685276.1	4866019.8		3.30E-04	1.47E-03																								

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	7,12 – dimethyl benzo(a) nthracene	Fluoranthene	Fluorine	Indeno(1, 2,3 – cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylanthracene	2 – methylanthracene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde
					Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00	1.66E-06	0.00E+00	1.65E-05	0.00E+00	2.70E-06	0.00E+00		
		(m)	(m)	Background Concentration (ug/m3)	3.30E-04	1.46E-03	1.27E-06	1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04	0.00E+00	5.91E-03	3.30E-04	6.26E-03	0.00E+00	6.88E-04	1.32E-03	3.30E-04	0.00E+00	3.30E-04	3.30E-04	3.30E-04	4.29	
213	Port Darlington 5	686406.8	4861448.7		3.30E-04	1.47E-03	1.27E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04	4.29	
214	Port Darlington 6	686504.5	4861604.0		3.30E-04	1.47E-03	1.40E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.52E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04	4.29	
215	Port Darlington 7	686703.0	4861789.3		3.30E-04	1.47E-03	1.42E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.52E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04	4.29	
216	Port Darlington 8	686895.8	4861960.2		3.30E-04	1.47E-03	1.13E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04	4.29	
217	Port Darlington 9	686867.4	4862119.7		3.30E-04	1.46E-03	8.80E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04	4.29	
218	Port Darlington 10	687190.7	4862048.8		3.30E-04	1.47E-03	1.04E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04	4.29	
219	Port Darlington 11	687524.4	4862126.8		3.30E-04	1.47E-03	1.24E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04	4.29	
220	Campground 1	678646.3	4860337.7		3.30E-04	1.47E-03	3.61E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	
221	Campground 2	678410.2	4860148.6		3.30E-04	1.47E-03	3.25E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.82E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	
222	Campground 3	678651.0	4860054.4		3.30E-04	1.47E-03	3.59E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	
223	Campground 4	678725.9	4859860.7		3.30E-04	1.47E-03	3.65E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	
224	Campground 5	678511.1	4859808.6		3.30E-04	1.47E-03	3.26E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.82E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	
225	Campground 6	678869.5	4859696.0		3.30E-04	1.47E-03	3.05E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	
226	Campground 7	678723.9	4860201.8		3.30E-04	1.47E-03	3.43E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.93E-04	1.32E-03	3.84E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	
227	Campground 8	678796.0	4860011.4		3.30E-04	1.47E-03	3.85E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.91E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	
228	Campground 9	678852.7	4859854.2		3.30E-04	1.47E-03	3.80E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.90E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	
229	Solina 1	681099.6	4861677.2		3.30E-04	1.47E-03	4.11E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.95E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	
230	Solina 2	681115.7	4861857.7		3.30E-04	1.47E-03	4.95E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.09E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	
231	Solina 3	680987.4	4861983.5		3.30E-04	1.47E-03	3.73E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	
232	Solina 4	680965.0	4862068.1		3.30E-04	1.47E-03	3.40E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.93E-04	1.32E-03	3.84E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	
233	Solina 5	681021.5	4862086.7		3.30E-04	1.47E-03	3.57E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	
234	Solina 6	680939.8	4862124.3		3.30E-04	1.47E-03	3.07E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.79E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	
235	Solina 7	680988.2	4862183.6		3.30E-04	1.47E-03	3.16E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.80E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	
236	Solina 8	680984.6	4862209.8		3.30E-04	1.47E-03	3.02E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	
237	Solina 9	680958.6	4862294.9		3.30E-04	1.47E-03	2.75E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.74E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	
238	Solina 10	680858.0	4862324.3		3.30E-04	1.47E-03	3.28E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.82E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	
239	Solina 11	680990.3	4862403.5		3.30E-04	1.47E-03	3.32E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.83E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	
240	Recreational 1	681545.0	4860865.0		3.30E-04	1.47E-03	4.36E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.99E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	
241	Recreational 2	681563.7	4860687.4		3.30E-04	1.47E-03	7.18E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.44E-04	0.00E+00	3.49E-04	3.30E-04	3.30E-04	4.29	
242	Recreational 3	681579.7	4860610.0		3.30E-04	1.47E-03	8.22E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.61E-04	0.00E+00	3.51E-04	3.30E-04	3.30E-04	4.29	
243	Recreational 6	681876.6	4860254.4		3.30E-04	1.47E-03	5.38E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.15E-04	0.00E+00	3.44E-04	3.30E-04	3.30E-04	4.29	
244	Recreational 7	682166.9	4860324.4		3.30E-04	1.47E-03	4.10E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.95E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	
245	Darlington 1	679565.4	4861052.9		3.30E-04	1.47E-03	6.51E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.34E-04	0.00E+00	3.47E-04	3.30E-04	3.30E-04	4.29	
246	Darlington 2	679452.9	4861051.4		3.30E-04	1.47E-03	6.28E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00													

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	7,12 – dimethyl benzo(a) nthalene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylanthracene	2 – methylanthracene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde
					Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00	1.66E-06	0.00E+00	1.65E-05	0.00E+00	2.70E-06	0.00E+00		
		(m)	(m)	Background Concentration (ug/m <sup>3</sup> )	3.30E-04	1.46E-03	1.11E-05	1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04	0.00E+00	5.91E-03	3.30E-04	6.26E-03	0.00E+00	6.88E-04	1.32E-03	3.30E-04	0.00E+00	3.30E-04	3.30E-04	3.30E-04		4.29
266	Future Industrial 8	680398.0	4860731.8		3.30E-04	1.48E-03	1.11E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.52E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.06E-04	1.32E-03	5.06E-04	0.00E+00	3.59E-04	3.30E-04	3.30E-04		4.29
267	Future Industrial 1	680359.6	4859959.2		3.30E-04	1.47E-03	7.37E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.47E-04	0.00E+00	3.49E-04	3.30E-04	3.30E-04		4.29
268	Future Industrial 2	680083.7	4859985.7		3.30E-04	1.47E-03	6.71E-06	1.67E-04	3.30E-04	6.60E-03	3.19E-03	5.45E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.37E-04	0.00E+00	3.47E-04	3.30E-04	3.30E-04		4.29
269	Future Industrial 3	680819.9	4860705.3		3.30E-04	1.47E-03	8.45E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.64E-04	0.00E+00	3.52E-04	3.30E-04	3.30E-04		4.29
270	Future Industrial 4	681070.0	4859937.2		3.30E-04	1.48E-03	8.62E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.67E-04	0.00E+00	3.52E-04	3.30E-04	3.30E-04		4.29
271	Future Industrial 5	679898.8	4860067.4		3.30E-04	1.47E-03	6.71E-06	1.67E-04	3.30E-04	6.60E-03	3.19E-03	5.45E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.37E-04	0.00E+00	3.47E-04	3.30E-04	3.30E-04		4.29
272	Future Industrial 6	680134.8	4860694.1		3.30E-04	1.48E-03	9.36E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.79E-04	0.00E+00	3.54E-04	3.30E-04	3.30E-04		4.29
273	Future Industrial 11	680253.7	4860255.2		3.30E-04	1.48E-03	1.40E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.57E-03	3.30E-04	0.00E+00	6.10E-03	3.30E-04	6.31E-03	0.00E+00	7.10E-04	1.32E-03	5.53E-04	0.00E+00	3.66E-04	3.30E-04	3.30E-04		4.29
274	Future Industrial 12	679901.2	4860511.8		3.30E-04	1.47E-03	7.60E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.51E-04	0.00E+00	3.50E-04	3.30E-04	3.30E-04		4.29
275	Commercial Farmer	679867.8	4860445.4		3.30E-04	1.47E-03	8.41E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.64E-04	0.00E+00	3.52E-04	3.30E-04	3.30E-04		4.29
276	Farmer	679277.0	4859981.5		3.30E-04	1.47E-03	4.13E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.96E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04		4.29
277	Residence	679387.2	4860648.9		3.30E-04	1.47E-03	4.77E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.06E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04		4.29
278	Barn	679261.9	4860574.2		3.30E-04	1.47E-03	4.50E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.01E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04		4.29
279	Residence	680150.7	4861295.7		3.30E-04	1.47E-03	5.21E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.13E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04		4.29
280	Residence	679939.8	4861213.4		3.30E-04	1.47E-03	6.31E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.30E-04	0.00E+00	3.46E-04	3.30E-04	3.30E-04		4.29
281	Farmer	680855.7	4861456.9		3.30E-04	1.47E-03	5.65E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.20E-04	0.00E+00	3.45E-04	3.30E-04	3.30E-04		4.29
282	Farmer	681386.2	4861673.3		3.30E-04	1.47E-03	4.48E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.01E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04		4.29
283	Residence	680683.5	4861597.9		3.30E-04	1.47E-03	4.82E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.07E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04		4.29
284	Business	680064.3	4861343.7		3.30E-04	1.47E-03	4.99E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.09E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04		4.29
285	Farmer	679680.1	4861213.5		3.30E-04	1.47E-03	5.56E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.18E-04	0.00E+00	3.44E-04	3.30E-04	3.30E-04		4.29
286	Farmer	681344.8	4861792.9		3.30E-04	1.47E-03	3.65E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04		4.29
287	Youth Centre	685644.2	4864814.8		3.30E-04	1.47E-03	1.14E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
288	Bowmanville Arena	685462.9	4864615.2		3.30E-04	1.47E-03	1.15E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
289	Bowmanville Rec Complex	684160.3	4864604.5		3.30E-04	1.47E-03	1.25E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
290	Recreation Complex	684586.6	4862406.3		3.30E-04	1.47E-03	1.83E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
291	Superdog Central	681487.7	4865723.3		3.30E-04	1.47E-03	1.23E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
292	Equestrian Centre	681567.1	4863670.7		3.30E-04	1.47E-03	3.55E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.86E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04		4.29
293	Flea Market	678574.6	4862819.4		3.30E-04	1.47E-03	2.44E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.69E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29
294	Equestrian Centre	680030.8	4867320.2		3.30E-04	1.46E-03	7.44E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.42E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
295	Courtice Community Complex	678099.3	4864629.8		3.30E-04	1.47E-03	1.39E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.52E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
296	Former Restaurant	679830.2	4860702.2		3.30E-04	1.47E-03	5.15E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.12E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04		4.29
297	Commercial	679364.8	4861016.0		3.30E-04	1.47E-03	5.51E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.18E-04	0.00E+00	3.44E-04	3.30E-04	3.30E-04		4.29
298	GM Oshawa Headquarters	676418.3	4860463.7		3.30E-04	1.47E-03	2.02E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
299	Farm A?	682972.3	4862201.9		3.30E-04	1.47E-03	3.																				



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	7,12 – dimethyl benzo(a) nthalene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylanthralene	2 – methylanthralene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde
					Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00	1.66E-06	0.00E+00	1.65E-05	0.00E+00	2.70E-06	0.00E+00		
		(m)	(m)	Background Concentration (ug/m3)	3.30E-04	1.46E-03		1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04	0.00E+00	5.91E-03	3.30E-04	6.26E-03		6.88E-04	1.32E-03	3.30E-04						
319	Soper 7	685683.2	4867148.1		3.30E-04	1.47E-03	1.20E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
320	Soper 8	686748.7	4865874.7		3.30E-04	1.47E-03	1.19E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
321	Bowmanville 1	687026.3	4862368.4		3.30E-04	1.46E-03	8.93E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
322	Bowmanville 2	686625.7	4863020.3		3.30E-04	1.47E-03	1.26E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
323	Bowmanville 3	683380.3	4865365.9		3.30E-04	1.47E-03	1.41E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.52E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
324	Bowmanville 4	683111.4	4867150.3		3.30E-04	1.47E-03	1.09E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.47E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
325	Bowmanville 5	682452.2	4869417.5		3.30E-04	1.46E-03	6.51E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.40E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
326	Bowmanville 6	684778.5	4864888.2		3.30E-04	1.47E-03	1.13E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
327	Bowmanville 7	684549.5	4866404.4		3.30E-04	1.47E-03	1.21E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.49E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
328	Upper Tooley 1	679944.8	4864883.1		3.30E-04	1.47E-03	1.56E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.55E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
329	Upper Tooley 2	679055.1	4863885.8		3.30E-04	1.47E-03	4.10E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.95E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04		4.29
330	Upper Tooley 3	679714.0	4862767.4		3.30E-04	1.47E-03	2.75E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.74E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04		4.29
331	Upper Tooley 4	678898.8	4861800.6		3.30E-04	1.47E-03	3.69E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04		4.29
332	Upper Tooley 5	680353.5	4862156.5		3.30E-04	1.47E-03	4.17E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.96E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04		4.29
333	Upper Tooley 6	679818.1	4861625.7		3.30E-04	1.47E-03	4.49E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.01E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04		4.29
334	Robinson 1	678434.8	4860943.1		3.30E-04	1.47E-03	3.70E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.81E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04		4.29
335	Robinson 2	677752.6	4861240.6		3.30E-04	1.47E-03	3.13E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.80E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04		4.29
336	Robinson 3	677642.2	4861787.2		3.30E-04	1.47E-03	2.46E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.69E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29
337	Robinson 4	678532.7	4862143.6		3.30E-04	1.47E-03	3.32E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.83E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04		4.29
338	Robinson 5	678005.1	4862784.9		3.30E-04	1.47E-03	2.15E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29
339	Robinson 6	677882.7	4860587.7		3.30E-04	1.47E-03	2.65E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.72E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04		4.29
340	F/B 1	677443.1	4867862.1		3.30E-04	1.46E-03	9.90E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
341	F/B 2	679667.4	4866611.4		3.30E-04	1.47E-03	1.14E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
342	F/B 3	678655.0	4867470.1		3.30E-04	1.46E-03	8.30E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
343	F/B 4	676191.2	4866844.7		3.30E-04	1.46E-03	8.83E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
344	F/B 5	678273.3	4866093.0		3.30E-04	1.47E-03	1.46E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.53E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29
345	F/B 6	681241.2	4867098.8		3.30E-04	1.47E-03	1.17E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.48E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29
346	F/B 7	682165.3	4868082.3		3.30E-04	1.46E-03	7.75E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.42E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
347	F/B 8	679366.6	4868628.3		3.30E-04	1.46E-03	9.12E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
348	F/B 9	680310.1	4869967.1		3.30E-04	1.46E-03	7.33E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.41E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
349	F/B 10	676487.3	4869291.6		3.30E-04	1.46E-03	8.16E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
350	F/B 11	676851.4	4865409.3		3.30E-04	1.46E-03	8.55E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
351	F/B 12	681153.3	4868682.2		3.30E-04	1.46E-03	8.52E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29
352	F/B 13	675416.3	4859833.9		3.30E-04	1.47E-03	1.52E-06	1.65E-04	3.																		



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	7,12 – dimethyl benzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylanthracene	2 – methylanthracene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	3.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00	1.66E-06	0.00E+00	1.65E-05	0.00E+00	2.70E-06	0.00E+00			0.00E+00
					Background Concentration (ug/m3)	3.30E-04	1.46E-03		1.65E-04	3.30E-04	6.60E-03	3.17E-03	5.33E-03	3.30E-04		5.91E-03	3.30E-04	6.26E-03		6.88E-04	1.32E-03	3.30E-04		3.30E-04	3.30E-04	3.30E-04		4.29
372	Westside 1	686082.6	4862776.6		3.30E-04	1.47E-03	1.53E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.54E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29	
373	Westside 2	685778.7	4862137.9		3.30E-04	1.47E-03	1.34E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29	
374	Westside 3	685084.2	4862827.4		3.30E-04	1.47E-03	1.79E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29	
375	Darlington 1	680977.5	4865674.4		3.30E-04	1.47E-03	1.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29	
376	Darlington 2	680913.9	4863967.1		3.30E-04	1.47E-03	2.43E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.69E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29	
377	Darlington 3	682602.8	4863659.6		3.30E-04	1.47E-03	2.31E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29	
378	Darlington 4	682206.4	4862910.4		3.30E-04	1.47E-03	2.81E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.75E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04		4.29	
379	Darlington 5	683223.2	4861114.0		3.30E-04	1.47E-03	2.04E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29	
380	Darlington 6	683947.7	4862362.0		3.30E-04	1.47E-03	2.11E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29	
381	Darlington 7	685361.9	4861143.4		3.30E-04	1.47E-03	1.55E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.54E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04		4.29	
382	Bennett ECO/HH	688606.4	4862634.8		3.30E-04	1.46E-03	9.35E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29	
383	Oshawa ECO/HH	673884.9	4859128.9		3.30E-04	1.47E-03	1.32E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04		4.29	
384	Oshawa Creek 1	671671.2	4862793.7		3.30E-04	1.46E-03	8.11E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.43E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29	
385	Oshawa Creek 2	671668.5	4861589.5		3.30E-04	1.46E-03	9.52E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.45E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29	
386	Oshawa Creek 3	672820.2	4861287.2		3.30E-04	1.46E-03	9.94E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29	
387	Oshawa Creek 4	672360.3	4860262.6		3.30E-04	1.46E-03	6.99E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.34E-03	3.30E-04	0.00E+00	5.92E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.41E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29	
388	Oshawa Creek 5	673921.2	4860115.0		3.30E-04	1.46E-03	9.89E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29	
389	Oshawa Creek 6	673154.0	4859421.9		3.30E-04	1.46E-03	9.92E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.46E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29	
390	Farmer	677409.8	4861051.4		3.30E-04	1.47E-03	2.91E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04		4.29	
391	Commercial Market	688276.3	4864698.5		3.30E-04	1.46E-03	9.08E-07	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.89E-04	1.32E-03	3.44E-04	0.00E+00	3.32E-04	3.30E-04	3.30E-04		4.29	



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m <sup>3</sup> )	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23
1	Campground 10	678526.8	4859996.8		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
2	ECO 2	675490.4	4860360.1		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
3	Recreational 5	681642.0	4860349.3		11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
4	ECO 4	676831.5	4859840.9		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
5	Bow. Valley Cons. 3	685767.2	4863879.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
6	ECO 6	679647.8	4859989.3		11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
7	ECO 7	681578.8	4862070.1		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
8	ECO 8	679735.5	4861048.6		11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
9	ECO 9	687219.7	4864249.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
10	ECO 10	686519.0	4861987.6		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
11	ECO 11	679870.4	4859737.9		11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
12	Recreational 4	681575.5	4860557.7		11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64
13	Future Industrial 9	680704.5	4859857.8		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
14	Future Industrial 10	680608.0	4860719.6		11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.91	0.16	0.02	6.29E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64
15	Harmony Creek	673992.4	4865641.4		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
16	Farewell Creek	678079.2	4868822.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
17	Farmer	681378.6	4860335.0		11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
18	Watson Farm	682883.4	4864219.7		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
19	Racanski Farm	678929.2	4865530.2		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
20	Zoo	687216.8	4864835.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
21	Cedar Crest Beach	686652.1	4861660.9		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
22	Darlington Prov Park Beach	677844.6	4859718.2		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
23	OPG 1	682258.1	4860045.0		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
24	OPG 2	682551.4	4859889.1		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
25	OPG 3	682824.6	4859759.3		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
26	OPG 4	683021.6	4859937.3		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
27	OPG 5	683318.2	4859677.8		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
28	OPG 6	683306.9	4860023.0		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
29	OPG 7	683718.6	4859915.8		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
30	OPG 8	682702.0	4859998.6		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
31	OPG 9	684347.7	4861184.6		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
32	OPG 10	682157.2	4861228.2		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
33	St. Mary's 1	684557.0	4861070.0		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
34	St. Mary's 2	684657.3	4861320.8		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
35	St. Mary's 3	684905.3	4861154.4		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
36	Court. Subdivision 1	677328.4	4862976.1		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
37	Court. Subdivision 2	676187.9	4862611.1		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
38	Court. Subdivision 3	675974.8	4863484.1		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
39	Court. Subdivision 4	676606.1	4863214.1		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
40	Court. Subdivision 5	676827.1	4863591.4		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
41	Court. Subdivision 6	677200.4	4864074.9		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
42	Court. Subdivision 7	677719.8	4863625.1		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
43	Court. Subdivision 8	678271.6	4864200.6		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
44	Court. Subdivision 9	678184.4	4863373.6		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05					

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	
					Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03	1.19E-03	0.00E+00	0.00E+00	1.43E-05	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00
					Background Concentration (ug/m3)	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
54	Bow. Subdivision 9	684777.3	4863330.5		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
55	Bow. Subdivision 10	685266.0	4863243.1		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
56	Osh/Court Subdivision 1	677396.8	4860977.3		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	
57	Osh/Court Subdivision 2	676633.5	4860816.8		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
58	Osh/Court Subdivision 3	676916.0	4861925.0		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
59	Osh/Court Subdivision 4	676730.5	4861317.1		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
60	Osh/Court Subdivision 5	676087.2	4861392.3		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
61	Osh/Court Subdivision 6	676177.1	4861722.2		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
62	Osh/Court Subdivision 7	675670.7	4861783.2		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
63	Osh/Court Subdivision 8	676050.8	4862055.7		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	
64	Osh/Court Subdivision 9	676636.9	4862134.3		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
65	Osh/Court Subdivision 10	676571.3	4861634.8		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
66	Bow. Subdivision 11	684649.2	4863182.7		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
67	Daycare B	685172.4	4863933.1		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
68	Daycare C	685452.0	4863104.4		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
69	Daycare D	685527.7	4864693.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
70	Daycare E	685735.4	4864790.8		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
71	Daycare F	685520.3	4864854.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
72	Daycare G	685441.9	4864878.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
73	Daycare H	686364.8	4864707.8		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
74	Daycare I	685721.6	4865127.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
75	Daycare J	678256.3	4863565.4		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	
76	Daycare K	677694.1	4864043.7		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
77	Daycare L	676479.5	4862526.2		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
78	Daycare M	678320.9	4864763.5		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
79	Daycare N	678513.4	4865058.0		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
80	Daycare O	672788.7	4863936.6		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
81	Daycare P	673952.8	4863592.5		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
82	Daycare Q	671751.8	4864887.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
83	Daycare R	685714.4	4864667.4		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
84	Daycare S	684177.9	4863618.2		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
85	Daycare T	678423.6	4864480.4		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
86	Daycare U	685330.5	4863435.1		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
87	Daycare V	685153.2	4863236.9		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
88	Daycare W	672679.0	4862044.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
89	Daycare X	672076.5	4865285.8		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
90	Daycare Y	672638.0	4859664.4		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
91	Daycare Z	673735.9	4858958.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
92	Daycare AA	673121.8	4863385.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
93	Daycare BB	673904.8	4862282.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
94	Daycare CC	671471.6	4861795.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
95	Daycare DD	673057.3	4862625.6		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
96	Daycare EE	674917.1	4863957.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0												

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23
107	Daycare PP	674794.5	4864915.4		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
108	Hospital	686324.2	4864395.8		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
109	Hospital (Children's)	676057.8	4862180.9		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
110	Hospital	671233.2	4863615.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
111	Comm. Resp. Services	676045.4	4863902.5		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
112	Hospital	671712.7	4862364.1		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
113	Retirement Residence A	684199.9	4864120.3		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
114	Retirement Residence B	685483.9	4865150.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
115	Retirement Residence C	686844.0	4864732.1		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
116	Retirement Residence D	673481.7	4863343.4		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
117	Retirement Residence E	671825.2	4864399.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
118	Retirement Residence F	671606.3	4864536.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
119	Retirement Residence G	671357.1	4862958.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
120	Retirement Residence H	671514.0	4862262.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
121	Retirement Residence I	672602.2	4863075.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
122	Retirement Residence J	671719.1	4862893.1		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
123	Retirement Residence K	686718.0	4865648.7		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
124	Retirement Residence L	676168.7	4865669.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
125	Retirement Residence M	676118.5	4863980.7		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
126	Bow. Subdivision 12	684649.2	4863182.7		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
127	Primary School B	685384.8	4863575.3		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
128	Primary School C	685021.6	4863952.9		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
129	Primary School D	686237.0	4864085.5		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
130	Primary School E	686719.0	4863734.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
131	Primary School F	686357.0	4864754.9		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
132	Primary School G	685502.0	4865013.4		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
133	Primary School H	686726.7	4866061.5		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
134	Primary School I	685186.2	4866568.2		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
135	Primary School J	685965.3	4866979.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
136	Primary School K	677709.9	4864726.5		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
137	Primary School L	675988.3	4864270.2		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
138	Primary School M	676608.7	4862739.0		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
139	Primary School N	677222.2	4863759.1		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
140	Primary School O	678154.9	4863872.7		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
141	Court. Subdivision 12	678309.6	4863600.8		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
142	Primary School Q	677010.6	4862470.6		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
143	Primary School R	677431.3	4866694.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
144	Primary School S	675266.2	4863562.9		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
145	Primary School T	673479.2	4860029.4		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
146	Primary School U	670856.0	4860710.6		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
147	Primary School V	672660.2	4863909.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
148	Primary School W	672735.2	4859232.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
149	Primary School X	673575.8	4862688.6		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
150	Primary School Y	673710.3	4861969.0		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05</					



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	
					Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03	1.19E-03	0.00E+00	0.00E+00	1.43E-05	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00
					Background Concentration (ug/m3)	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
160	Primary School II	672616.7	4862114.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
161	Primary School JJ	673567.2	4861899.5		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
162	Primary School KK	671791.0	4861954.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
163	Primary School LL	673762.3	4864210.6		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
164	Primary School MM	672238.8	4864621.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
165	Primary School NN	673213.6	4858677.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
166	Primary School OO	675474.8	4863221.7		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
167	Primary School PP	672441.8	4858748.6		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
168	Primary School QQ	672796.8	4864438.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
169	Primary School RR	671351.4	4863284.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
170	Primary School SS	673213.9	4862125.5		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
171	Primary School TT	671017.9	4860953.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
172	Primary School UU	670991.0	4861089.8		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
173	Primary School VV	674150.1	4862294.8		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
174	Primary School WW	672005.2	4861707.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
175	Primary School XX	684172.1	4863615.6		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
176	Primary School YY	683923.3	4866636.4		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
177	Primary School ZZ	680446.0	4865770.5		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
178	Vacant School	685612.9	4864520.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
179	Secondary School A	686291.4	4865064.3		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
180	Secondary School B	683875.0	4864741.7		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
181	Secondary School C	684650.3	4866460.3		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
182	Secondary School D	678099.5	4864838.2		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
183	Secondary School E	678467.0	4863431.2		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	
184	Secondary School F	674144.9	4862762.7		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
185	Secondary School G	673816.0	4864357.1		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
186	Secondary School H	673145.4	4858569.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
187	Secondary School I	671291.7	4863581.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
188	Secondary School J	671443.2	4861664.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
189	Secondary School K	673235.3	4860885.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
190	Secondary School L	684252.7	4866500.5		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
191	Secondary School M	673914.1	4859551.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
192	Secondary School N	675051.5	4864177.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
193	Adult School	685276.1	4866019.8		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
194	Bow. Valley Cons. 1	685356.6	4864521.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
195	Bow. Valley Cons. 2	685627.7	4864167.8		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
196	Bow. Valley Cons. 4	685852.7	4863640.2		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
197	Bow. Valley Cons. 5	686163.1	4863621.5		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
198	Bow. Valley Cons. 6	685931.9	4863380.6		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
199	Maple Grove 1	681688.5	4864717.0		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
200	Maple Grove 2	681768.9	4864631.8		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
201	Maple Grove 3	681894.9	4864506.8		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
202	Maple Grove 4	681974.8	4864443.2		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55														

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromofor	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23
213	Port Darlington 5	686406.8	4861448.7		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
214	Port Darlington 6	686504.5	4861604.0		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
215	Port Darlington 7	686703.0	4861789.3		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
216	Port Darlington 8	686895.8	4861960.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
217	Port Darlington 9	686867.4	4862119.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
218	Port Darlington 10	687190.7	4862048.8		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
219	Port Darlington 11	687524.4	4862126.8		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
220	Campground 1	678646.3	4860337.7		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
221	Campground 2	678410.2	4860148.6		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
222	Campground 3	678651.0	4860054.4		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
223	Campground 4	678725.9	4859860.7		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
224	Campground 5	678511.1	4859808.6		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
225	Campground 6	678869.5	4859696.0		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
226	Campground 7	678723.9	4860201.8		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
227	Campground 8	678796.0	4860011.4		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
228	Campground 9	678852.7	4859854.2		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
229	Solina 1	681099.6	4861677.2		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
230	Solina 2	681115.7	4861857.7		11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
231	Solina 3	680987.4	4861983.5		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
232	Solina 4	680965.0	4862068.1		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
233	Solina 5	681021.5	4862086.7		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
234	Solina 6	680939.8	4862124.3		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
235	Solina 7	680988.2	4862183.6		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
236	Solina 8	680984.6	4862209.8		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
237	Solina 9	680958.6	4862294.9		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
238	Solina 10	680858.0	4862324.3		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
239	Solina 11	680990.3	4862403.5		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
240	Recreational 1	681545.0	4860865.0		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
241	Recreational 2	681563.7	4860687.4		11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
242	Recreational 3	681579.7	4860610.0		11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64
243	Recreational 6	681876.6	4860254.4		11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
244	Recreational 7	682166.9	4860324.4		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
245	Darlington 1	679565.4	4861052.9		11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
246	Darlington 2	679452.9	4861051.4		11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
247	Darlington 3	679130.5	4860948.8		11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
248	Darlington 4	679112.6	4860941.9		11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
249	Darlington 5	679057.6	4860994.1		11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
250	Darlington 6	679075.2	4860931.6		11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
251	Darlington 7	678814.3	4860843.1		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
252	Darlington 8	678840.4	4860777.1		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
253	Light Ind. 1	680000.1	4861034.1		11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
254	Light Ind. 2	680060.7	4861056.4		11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
255	Light Ind. 3	680291.2	4861151.6		11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
256	Light Ind. 4	680536.3	4861204.6		11.43	0.20	28.81	0.09	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0								

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m <sup>3</sup> )	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03	1.19E-03	0.00E+00	0.00E+00	1.43E-05	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03
266	Future Industrial 8	680398.0	4860731.8	Updated Facility Contaminant Emission Rate (g/s)	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.29E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64
267	Future Industrial 1	680359.6	4859959.2		11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
268	Future Industrial 2	680083.7	4859985.7		11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
269	Future Industrial 3	680819.9	4860705.3		11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64
270	Future Industrial 4	681070.0	4859937.2		11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64
271	Future Industrial 5	679898.8	4860067.4		11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
272	Future Industrial 6	680134.8	4860694.1		11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.26E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64
273	Future Industrial 11	680253.7	4860255.2		11.43	0.20	28.82	0.16	0.10	0.23	0.48	10.01	1.81	0.55	0.17	0.02	7.91	0.16	0.02	6.34E-03	3.16	0.05	3.03	0.01	8.25	0.90	5.64
274	Future Industrial 12	679901.2	4860511.8		11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
275	Commercial Farmer	679867.8	4860445.4		11.43	0.20	28.82	0.11	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64
276	Farmer	679277.0	4859981.5		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
277	Residence	679387.2	4860648.9		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
278	Barn	679261.9	4860574.2		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
279	Residence	680150.7	4861295.7		11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
280	Residence	679939.8	4861213.4		11.43	0.20	28.81	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64
281	Farmer	680855.7	4861456.9		11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
282	Farmer	681386.2	4861673.3		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
283	Residence	680683.5	4861597.9		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
284	Business	680064.3	4861343.7		11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
285	Farmer	679680.1	4861213.5		11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
286	Farmer	681344.8	4861792.9		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64
287	Youth Centre	685644.2	4864814.8		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
288	Bowmanville Arena	685462.9	4864615.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
289	Bowmanville Rec Complex	684160.3	4864604.5		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
290	Recreation Complex	684586.6	4862406.3		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
291	Superdog Central	681487.7	4865723.3		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
292	Equestrian Centre	681567.1	4863670.7		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
293	Flea Market	678574.6	4862819.4		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
294	Equestrian Centre	680030.8	4867320.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
295	Courtice Community Complex	678099.3	4864629.8		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
296	Former Restaurant	679830.2	4860702.2		11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
297	Commercial	679364.8	4861016.0		11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64
298	GM Oshawa Headquarters	676418.3	4860463.7		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
299	Farm A?	682972.3	4862201.9		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
300	Farm B?	683546.9	4861959.7		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
301	Farm C?	682547.5	4862321.1		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64
302	Farm D?	683238.3	4862393.3		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
303	Farm E?	682512.6	4862858.0		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64
304	Farm F?	683129.1	4863649.4	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
305	Bennett 1	688209.3	4862512.1	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03								

Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromofor	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03	1.19E-03	0.00E+00	0.00E+00	1.43E-05	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00
					Background Concentration (ug/m <sup>3</sup> )	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
319	Soper 7	685683.2	4867148.1		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
320	Soper 8	686748.7	4865874.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
321	Bowmanville 1	687026.3	4862368.4		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
322	Bowmanville 2	686625.7	4863020.3		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
323	Bowmanville 3	683380.3	4865365.9		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
324	Bowmanville 4	683111.4	4867150.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
325	Bowmanville 5	682452.2	4869417.5		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
326	Bowmanville 6	684778.5	4864888.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
327	Bowmanville 7	684549.5	4866404.4		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
328	Upper Tooley 1	679944.8	4864883.1		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
329	Upper Tooley 2	679055.1	4863885.8		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	
330	Upper Tooley 3	679714.0	4862767.4		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	
331	Upper Tooley 4	678898.8	4861800.6		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	
332	Upper Tooley 5	680353.5	4862156.5		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	
333	Upper Tooley 6	679818.1	4861625.7		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	
334	Robinson 1	678434.8	4860943.1		11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	
335	Robinson 2	677752.6	4861240.6		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	
336	Robinson 3	677642.2	4861787.2		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
337	Robinson 4	678532.7	4862143.6		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	
338	Robinson 5	678005.1	4862784.9		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
339	Robinson 6	677882.7	4860587.7		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
340	F/B 1	677443.1	4867862.1		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
341	F/B 2	679667.4	4866611.4		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
342	F/B 3	678655.0	4867470.1		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
343	F/B 4	676191.2	4866844.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
344	F/B 5	678273.3	4866093.0		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
345	F/B 6	681241.2	4867098.8		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
346	F/B 7	682165.3	4868082.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
347	F/B 8	679366.6	4868628.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
348	F/B 9	680310.1	4869967.1		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
349	F/B 10	676487.3	4869291.6		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
350	F/B 11	676851.4	4865409.3		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
351	F/B 12	681153.3	4868682.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
352	F/B 13	675416.3	4859833.9		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
353	Second 1	675153.4	4860552.8		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
354	Second 2	675297.5	4860891.3		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
355	Second 3	675647.2	4860644.9		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
356	Second 4	675670.5	4860076.5		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
357	Second 5	676043.3	4860319.1		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
358	Second 6	675923.4	4859821.4		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
359	McLaughlin Bay 1	676714.7	4860903.8		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
360	McLaughlin Bay 2	677310.8	4860528.2		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
361	McLaughlin Bay 3	676563.5	4860260.1		11.43	0.20	28.81	0.06	0.08	0.22																		



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromofor m	Bromothane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chlorofor m	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03	1.19E-03	0.00E+00	0.00E+00	1.43E-05	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00
					Background Concentration (ug/m3)	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64
372	Westside 1	686082.6	4862776.6		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
373	Westside 2	685778.7	4862137.9		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
374	Westside 3	685084.2	4862827.4		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
375	Darlington 1	680977.5	4865674.4		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
376	Darlington 2	680913.9	4863967.1		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
377	Darlington 3	682602.8	4863659.6		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
378	Darlington 4	682206.4	4862910.4		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	
379	Darlington 5	683223.2	4861114.0		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
380	Darlington 6	683947.7	4862362.0		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
381	Darlington 7	685361.9	4861143.4		11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
382	Bennett ECO/HH	688606.4	4862634.8		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
383	Oshawa ECO/HH	673884.9	4859128.9		11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
384	Oshawa Creek 1	671671.2	4862793.7		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
385	Oshawa Creek 2	671668.5	4861589.5		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
386	Oshawa Creek 3	672820.2	4861287.2		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
387	Oshawa Creek 4	672360.3	4860262.6		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	
388	Oshawa Creek 5	673921.2	4860115.0		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
389	Oshawa Creek 6	673154.0	4859421.9		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	
390	Farmer	677409.8	4861051.4		11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	
391	Commercial Market	688276.3	4864698.5		11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.17	0.02	7.88	0.16	0.02	6.10E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.87E-04	1.66E-03	4.72E-05	1.62E-05	5.69E-03	0.00E+00	1.44E-03		0.02	0.00E+00
					Background Concentration (ug/m <sup>3</sup> )	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75		
1	Campground 10	678526.8	4859996.8		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
2	ECO 2	675490.4	4860360.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
3	Recreational 5	681642.0	4860349.3		1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
4	ECO 4	676831.5	4859840.9		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
5	Bow. Valley Cons. 3	685767.2	4863879.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
6	ECO 6	679647.8	4859989.3		1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.88	0.00E+00	0.00E+00	
7	ECO 7	681578.8	4862070.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
8	ECO 8	679735.5	4861048.6		1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88	0.00E+00	0.00E+00	
9	ECO 9	687219.7	4864249.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
10	ECO 10	686519.0	4861987.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
11	ECO 11	679870.4	4859737.9		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
12	Recreational 4	681575.5	4860557.7		1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91	0.00E+00	0.00E+00	
13	Future Industrial 9	680704.5	4859857.8		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
14	Future Industrial 10	680608.0	4860719.6		1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.97	0.00E+00	0.00E+00	
15	Harmony Creek	673992.4	4865641.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
16	Farewell Creek	678079.2	4868822.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
17	Farmer	681378.6	4860335.0		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
18	Watson Farm	682883.4	4864219.7		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
19	Racanski Farm	678929.2	4865530.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
20	Zoo	687216.8	4864835.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
21	Cedar Crest Beach	686652.1	4861660.9		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
22	Darlington Prov Park Beach	677844.6	4859718.2		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
23	OPG 1	682258.1	4860045.0		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
24	OPG 2	682551.4	4859889.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
25	OPG 3	682824.6	4859759.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
26	OPG 4	683021.6	4859937.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
27	OPG 5	683318.2	4859677.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
28	OPG 6	683306.9	4860023.0		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
29	OPG 7	683718.6	4859915.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
30	OPG 8	682702.0	4859998.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
31	OPG 9	684347.7	4861184.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
32	OPG 10	682157.2	4861228.2		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
33	St. Mary's 1	684557.0	4861070.0		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
34	St. Mary's 2	684657.3	4861320.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
35	St. Mary's 3	684905.3	4861154.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
36	Court. Subdivision 1	677328.4	4862976.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
37	Court. Subdivision 2	676187.9	4862611.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
38	Court. Subdivision 3	675974.8	4863484.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
39	Court. Subdivision 4	676606.1	4863214.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
40	Court. Subdivision 5	676827.1	4863591.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
41	Court. Subdivision 6	677200.4	4864074.9		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
42	Court. Subdivision 7	677719.8	4863625.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
43	Court. Subdivision 8	678271.6	4864200.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
44	Court. Subdivision 9	678184.4	4863373.6		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
45	Court. Subdivision 10	677179.7	4862499.5		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
46	Bow. Subdivision 1	683536.7	4864215.2		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
47	Bow. Subdivision 2	683770.0	4863915.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
48	Bow. Subdivision 3	683671.0	4863534.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
49	Bow. Subdivision 4	684501.9	4863847.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
50	Bow. Subdivision 5	684242.9	4863518.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
51	Bow. Subdivision 6	684271.4	4863201.5		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
52	Bow. Subdivision 7	683992.6	4862628.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
53	Bow. Subdivision 8	684608.2	4862956.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.87E-04	1.66E-03	4.72E-05	1.62E-05	5.69E-03	0.00E+00	1.44E-03		0.02	0.00E+00
					Background Concentration (ug/m <sup>3</sup> )	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75		
54	Bow. Subdivision 9	684777.3	4863330.5		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
55	Bow. Subdivision 10	685266.0	4863243.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
56	Osh/Court Subdivision 1	677396.8	4860977.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
57	Osh/Court Subdivision 2	676633.5	4860816.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
58	Osh/Court Subdivision 3	676916.0	4861925.0		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
59	Osh/Court Subdivision 4	676730.5	4861317.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
60	Osh/Court Subdivision 5	676087.2	4861392.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
61	Osh/Court Subdivision 6	676177.1	4861722.2		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
62	Osh/Court Subdivision 7	675670.7	4861783.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
63	Osh/Court Subdivision 8	676050.8	4862055.7		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
64	Osh/Court Subdivision 9	676636.9	4862134.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
65	Osh/Court Subdivision 10	676571.3	4861634.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
66	Bow. Subdivision 11	684649.2	4863182.7		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
67	Daycare B	685172.4	4863933.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
68	Daycare C	685452.0	4863104.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
69	Daycare D	685527.7	4864693.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
70	Daycare E	685735.4	4864790.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
71	Daycare F	685520.3	4864854.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
72	Daycare G	685441.9	4864878.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
73	Daycare H	686364.8	4864707.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
74	Daycare I	685721.6	4865127.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
75	Daycare J	678256.3	4863565.4		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
76	Daycare K	677694.1	4864043.7		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
77	Daycare L	676479.5	4862526.2		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
78	Daycare M	678320.9	4864763.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
79	Daycare N	678513.4	4865058.0		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
80	Daycare O	672788.7	4863936.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
81	Daycare P	673952.8	4863592.5		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
82	Daycare Q	671751.8	4864887.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
83	Daycare R	685714.4	4864667.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
84	Daycare S	684177.9	4863618.2		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
85	Daycare T	678423.6	4864480.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
86	Daycare U	685330.5	4863435.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
87	Daycare V	685153.2	4863236.9		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
88	Daycare W	672679.0	4862044.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
89	Daycare X	672076.5	4865285.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
90	Daycare Y	672638.0	4859664.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
91	Daycare Z	673735.9	4858958.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
92	Daycare AA	673121.8	4863385.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
93	Daycare BB	673904.8	4862282.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
94	Daycare CC	671471.6	4861795.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
95	Daycare DD	673057.3	4862625.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
96	Daycare EE	674917.1	4863957.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
97	Daycare FF	671356.6	4862954.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
98	Daycare GG	671675.5	4862705.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
99	Daycare HH	671604.8	4860138.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
100	Daycare II	670945.2	4857983.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
101	Daycare JJ	677514.6	4864744.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
102	Daycare KK	676519.9	4862680.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
103	Daycare LL	677660.6	4863601.3		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
104	Court. Subdivision 11	677665.8	4863406.6		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
105	Daycare NN	674866.3	4864667.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
106	Daycare OO	673201.0	4864746.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.87E-04	1.66E-03	4.72E-05	1.62E-05	5.69E-03	0.00E+00	1.44E-03		0.02	0.00E+00
					Background Concentration (ug/m3)	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75		
107	Daycare PP	674794.5	4864915.4	Updated Facility Contaminant Emission Rate (g/s)	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
108	Hospital	686324.2	4864395.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
109	Hospital (Children's)	676057.8	4862180.9		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
110	Hospital	671233.2	4863615.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
111	Comm. Resp. Services	676045.4	4863902.5		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
112	Hospital	671712.7	4862364.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
113	Retirement Residence A	684199.9	4864120.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
114	Retirement Residence B	685483.9	4865150.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
115	Retirement Residence C	686844.0	4864732.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
116	Retirement Residence D	673481.7	4863343.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
117	Retirement Residence E	671825.2	4864399.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
118	Retirement Residence F	671606.3	4864536.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
119	Retirement Residence G	671357.1	4862958.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
120	Retirement Residence H	671514.0	4862262.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
121	Retirement Residence I	672602.2	4863075.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
122	Retirement Residence J	671719.1	4862893.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
123	Retirement Residence K	686718.0	4865648.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
124	Retirement Residence L	676168.7	4865669.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
125	Retirement Residence M	676118.5	4863980.7		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
126	Bow. Subdivision 12	684649.2	4863182.7		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
127	Primary School B	685384.8	4863575.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
128	Primary School C	685021.6	4863952.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
129	Primary School D	686237.0	4864085.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
130	Primary School E	686719.0	4863734.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
131	Primary School F	686357.0	4864754.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
132	Primary School G	685502.0	4865013.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
133	Primary School H	686726.7	4866061.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
134	Primary School I	685186.2	4866568.2		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
135	Primary School J	685965.3	4866979.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
136	Primary School K	677709.9	4864726.5		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
137	Primary School L	675988.3	4864270.2		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
138	Primary School M	676608.7	4862739.0		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
139	Primary School N	677222.2	4863759.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
140	Primary School O	678154.9	4863872.7		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
141	Court. Subdivision 12	678309.6	4863600.8		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
142	Primary School Q	677010.6	4862470.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
143	Primary School R	677431.3	4866694.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
144	Primary School S	675266.2	4863562.9		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
145	Primary School T	673479.2	4860029.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
146	Primary School U	670856.0	4860710.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
147	Primary School V	672660.2	4863909.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
148	Primary School W	672735.2	4859232.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
149	Primary School X	673575.8	4862688.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
150	Primary School Y	673710.3	4861969.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
151	Primary School Z	672366.0	4859928.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
152	Primary School AA	672561.7	4866047.1		1.20	23.07	0.28	1.31	5.23	1.97	0.01	11.76	0.00E+00	0.00E+00	
153	Primary School BB	675095.1	4862930.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
154	Primary School CC	673242.6	4865197.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
155	Primary School DD	674164.9	4863031.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
156	Primary School EE	671905.6	4864697.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
157	Primary School FF	673294.9	4858774.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
158	Primary School GG	671659.7	4863120.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
159	Primary School HH	673853.4	4866711.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	





Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.87E-04	1.66E-03	4.72E-05	1.62E-05	5.69E-03	0.00E+00	1.44E-03		0.02	0.00E+00
					Background Concentration (ug/m3)	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75		
160	Primary School II	672616.7	4862114.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
161	Primary School JJ	673567.2	4861899.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
162	Primary School KK	671791.0	4861954.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
163	Primary School LL	673762.3	4864210.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
164	Primary School MM	672238.8	4864621.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
165	Primary School NN	673213.6	4858677.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
166	Primary School OO	675474.8	4863221.7		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
167	Primary School PP	672441.8	4858748.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
168	Primary School QQ	672796.8	4864438.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
169	Primary School RR	671351.4	4863284.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
170	Primary School SS	673213.9	4862125.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
171	Primary School TT	671017.9	4860953.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
172	Primary School UU	670991.0	4861089.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
173	Primary School VV	674150.1	4862294.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
174	Primary School WW	672005.2	4861707.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
175	Primary School XX	684172.1	4863615.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
176	Primary School YY	683923.3	4866636.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
177	Primary School ZZ	680446.0	4865770.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
178	Vacant School	685612.9	4864520.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
179	Secondary School A	686291.4	4865064.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
180	Secondary School B	683875.0	4864741.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
181	Secondary School C	684650.3	4866460.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
182	Secondary School D	678099.5	4864838.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
183	Secondary School E	678467.0	4863431.2		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
184	Secondary School F	674144.9	4862762.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
185	Secondary School G	673816.0	4864357.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
186	Secondary School H	673145.4	4858569.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
187	Secondary School I	671291.7	4863581.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
188	Secondary School J	671443.2	4861664.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
189	Secondary School K	673235.3	4860885.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
190	Secondary School L	684252.7	4866500.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
191	Secondary School M	673914.1	4859551.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
192	Secondary School N	675051.5	4864177.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
193	Adult School	685276.1	4866019.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
194	Bow. Valley Cons. 1	685356.6	4864521.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
195	Bow. Valley Cons. 2	685627.7	4864167.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
196	Bow. Valley Cons. 4	685852.7	4863640.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
197	Bow. Valley Cons. 5	686163.1	4863621.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
198	Bow. Valley Cons. 6	685931.9	4863380.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
199	Maple Grove 1	681688.5	4864717.0		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
200	Maple Grove 2	681768.9	4864631.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
201	Maple Grove 3	681894.9	4864506.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
202	Maple Grove 4	681974.8	4864443.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
203	Maple Grove 5	681942.2	4864676.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
204	Maple Grove 6	682053.2	4864586.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
205	Maple Grove 7	682168.5	4864631.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
206	Maple Grove 8	682261.7	4864520.9		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
207	Maple Grove 9	682382.1	4864589.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
208	Maple Grove 10	682459.8	4864499.2		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
209	Port Darlington 1	686227.8	4861159.0		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
210	Port Darlington 2	686184.8	4861252.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
211	Port Darlington 3	686151.2	4861286.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
212	Port Darlington 4	686351.1	4861341.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.87E-04	1.66E-03	4.72E-05	1.62E-05	5.69E-03	0.00E+00	1.44E-03		0.02	0.00E+00
					Background Concentration (ug/m <sup>3</sup> )	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75		
213	Port Darlington 5	686406.8	4861448.7	Updated Facility Contaminant Emission Rate (g/s)	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
214	Port Darlington 6	686504.5	4861604.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
215	Port Darlington 7	686703.0	4861789.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
216	Port Darlington 8	686895.8	4861960.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
217	Port Darlington 9	686867.4	4862119.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
218	Port Darlington 10	687190.7	4862048.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
219	Port Darlington 11	687524.4	4862126.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
220	Campground 1	678646.3	4860337.7		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
221	Campground 2	678410.2	4860148.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
222	Campground 3	678651.0	4860054.4		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
223	Campground 4	678725.9	4859860.7		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
224	Campground 5	678511.1	4859808.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
225	Campground 6	678869.5	4859696.0		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
226	Campground 7	678723.9	4860201.8		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81	0.00E+00	0.00E+00	
227	Campground 8	678796.0	4860011.4		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
228	Campground 9	678852.7	4859854.2		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
229	Solina 1	681099.6	4861677.2		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
230	Solina 2	681115.7	4861857.7		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
231	Solina 3	680987.4	4861983.5		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
232	Solina 4	680965.0	4862068.1		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81	0.00E+00	0.00E+00	
233	Solina 5	681021.5	4862086.7		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
234	Solina 6	680939.8	4862124.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
235	Solina 7	680988.2	4862183.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
236	Solina 8	680984.6	4862209.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
237	Solina 9	680958.6	4862294.9		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
238	Solina 10	680858.0	4862324.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
239	Solina 11	680990.3	4862403.5		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
240	Recreational 1	681545.0	4860865.0		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
241	Recreational 2	681563.7	4860687.4		1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
242	Recreational 3	681579.7	4860610.0		1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91	0.00E+00	0.00E+00	
243	Recreational 6	681876.6	4860254.4		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
244	Recreational 7	682166.9	4860324.4		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
245	Darlington 1	679565.4	4861052.9		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
246	Darlington 2	679452.9	4861051.4		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
247	Darlington 3	679130.5	4860948.8		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
248	Darlington 4	679112.6	4860941.9		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
249	Darlington 5	679057.6	4860994.1		1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88	0.00E+00	0.00E+00	
250	Darlington 6	679075.2	4860931.6		1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
251	Darlington 7	678814.3	4860843.1		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
252	Darlington 8	678840.4	4860777.1		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
253	Light Ind. 1	680000.1	4861034.1		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
254	Light Ind. 2	680060.7	4861056.4		1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88	0.00E+00	0.00E+00	
255	Light Ind. 3	680291.2	4861151.6		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
256	Light Ind. 4	680536.3	4861204.6		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
257	Light Ind. 5	680350.4	4861290.6		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
258	Light Ind. 6	680306.9	4861275.6		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
259	Light Ind. 7	680267.2	4861262.4		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
260	Light Ind. 8	680233.6	4861250.7		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
261	Light Ind. 9	680175.3	4861227.5		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
262	Light Ind. 10	680092.5	4861185.1		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
263	Light Ind. 11	680071.6	4861246.6		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
264	Light Ind. 12	680021.4	4861186.9		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
265	Future Industrial 7	680816.2	4860219.3		1.20	23.09	0.28	1.31	5.30	1.97	0.03	11.99	0.00E+00	0.00E+00	



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.87E-04	1.66E-03	4.72E-05	1.62E-05	5.69E-03	0.00E+00	1.44E-03		0.02	0.00E+00
					Background Concentration (ug/m3)	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75		
266	Future Industrial 8	680398.0	4860731.8	Updated Facility Contaminant Emission Rate (g/s)	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.96	0.00E+00	0.00E+00	
267	Future Industrial 1	680359.6	4859959.2		1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
268	Future Industrial 2	680083.7	4859985.7		1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88	0.00E+00	0.00E+00	
269	Future Industrial 3	680819.9	4860705.3		1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91	0.00E+00	0.00E+00	
270	Future Industrial 4	681070.0	4859937.2		1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91	0.00E+00	0.00E+00	
271	Future Industrial 5	679898.8	4860067.4		1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88	0.00E+00	0.00E+00	
272	Future Industrial 6	680134.8	4860694.1		1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93	0.00E+00	0.00E+00	
273	Future Industrial 11	680253.7	4860255.2		1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.02	0.00E+00	0.00E+00	
274	Future Industrial 12	679901.2	4860511.8		1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
275	Commercial Farmer	679867.8	4860445.4		1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91	0.00E+00	0.00E+00	
276	Farmer	679277.0	4859981.5		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
277	Residence	679387.2	4860648.9		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
278	Barn	679261.9	4860574.2		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
279	Residence	680150.7	4861295.7		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
280	Residence	679939.8	4861213.4		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
281	Farmer	680855.7	4861456.9		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
282	Farmer	681386.2	4861673.3		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
283	Residence	680683.5	4861597.9		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
284	Business	680064.3	4861343.7		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
285	Farmer	679680.1	4861213.5		1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
286	Farmer	681344.8	4861792.9		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
287	Youth Centre	685644.2	4864814.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
288	Bowmanville Arena	685462.9	4864615.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
289	Bowmanville Rec Complex	684160.3	4864604.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
290	Recreation Complex	684586.6	4862406.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
291	Superdog Central	681487.7	4865723.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
292	Equestrian Centre	681567.1	4863670.7		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
293	Flea Market	678574.6	4862819.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
294	Equestrian Centre	680030.8	4867320.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
295	Courtice Community Complex	678099.3	4864629.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
296	Former Restaurant	679830.2	4860702.2		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85	0.00E+00	0.00E+00	
297	Commercial	679364.8	4861016.0	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00		
298	GM Oshawa Headquarters	676418.3	4860463.7	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00		
299	Farm A?	682972.3	4862201.9	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00		
300	Farm B?	683546.9	4861959.7	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00		
301	Farm C?	682547.5	4862321.1	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00		
302	Farm D?	683238.3	4862393.3	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00		
303	Farm E?	682512.6	4862858.0	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00		
304	Farm F?	683129.1	4863649.4	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00		
305	Bennett 1	688209.3	4862512.1	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00		
306	Bennett 2	687990.0	4863221.3	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00		
307	Bennett 3	688818.4	4862836.3	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00		
308	Bennett 4	689045.1	4863365.5	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00		
309	Bennett 5	688270.5	4863763.1	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00		
310	Bennett 6	689908.5	4863100.5	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00		
311	Bennett 7	688929.9	4864392.0	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00		
312	Bennett 8	689684.2	4863837.7	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00		
313	Soper 1	687557.9	4862512.4	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00		
314	Soper 2	687241.9	4863171.7	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00		
315	Soper 3	687023.2	4863903.8	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00		
316	Soper 4	688158.2	4865389.3	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00		
317	Soper 5	685027.3	4868253.9	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00		
318	Soper 6	687287.4	4867037.3	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00		



Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.87E-04	1.66E-03	4.72E-05	1.62E-05	5.69E-03	0.00E+00	1.44E-03		0.02	0.00E+00
					Background Concentration (ug/m <sup>3</sup> )	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75		
319	Soper 7	685683.2	4867148.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
320	Soper 8	686748.7	4865874.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
321	Bowmanville 1	687026.3	4862368.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
322	Bowmanville 2	686625.7	4863020.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
323	Bowmanville 3	683380.3	4865365.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
324	Bowmanville 4	683111.4	4867150.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
325	Bowmanville 5	682452.2	4869417.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
326	Bowmanville 6	684778.5	4864888.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
327	Bowmanville 7	684549.5	4866404.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
328	Upper Tooley 1	679944.8	4864883.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
329	Upper Tooley 2	679055.1	4863885.8		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
330	Upper Tooley 3	679714.0	4862767.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
331	Upper Tooley 4	678898.8	4861800.6		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
332	Upper Tooley 5	680353.5	4862156.5		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
333	Upper Tooley 6	679818.1	4861625.7		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
334	Robinson 1	678434.8	4860943.1		1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
335	Robinson 2	677752.6	4861240.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
336	Robinson 3	677642.2	4861787.2		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
337	Robinson 4	678532.7	4862143.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
338	Robinson 5	678005.1	4862784.9		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
339	Robinson 6	677882.7	4860587.7		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
340	F/B 1	677443.1	4867862.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
341	F/B 2	679667.4	4866611.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
342	F/B 3	678655.0	4867470.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
343	F/B 4	676191.2	4866844.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
344	F/B 5	678273.3	4866093.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
345	F/B 6	681241.2	4867098.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
346	F/B 7	682165.3	4868082.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
347	F/B 8	679366.6	4868628.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
348	F/B 9	680310.1	4869967.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
349	F/B 10	676487.3	4869291.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
350	F/B 11	676851.4	4865409.3		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
351	F/B 12	681153.3	4868682.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
352	F/B 13	675416.3	4859833.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
353	Second 1	675153.4	4860552.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
354	Second 2	675297.5	4860891.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
355	Second 3	675647.2	4860644.9		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
356	Second 4	675670.5	4860076.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
357	Second 5	676043.3	4860319.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
358	Second 6	675923.4	4859821.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
360	McLaughlin Bay 2	677310.8	4860528.2		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
361	McLaughlin Bay 3	676563.5	4860260.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
362	McLaughlin Bay 4	676699.5	4859696.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
363	McLaughlin Bay 5	677560.0	4860060.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
364	McLaughlin Bay 6	678204.5	4859832.5		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
365	Harmony Creek 1	674178.3	4861024.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
366	Harmony Creek 2	674592.0	4862605.3		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
367	Harmony Creek 3	672863.4	4862808.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
368	Harmony Creek 4	675671.6	4864469.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
369	Harmony Creek 5	672443.1	4864713.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00
370	Harmony Creek 6	674830.5	4866909.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77		0.00E+00	0.00E+00
371	Harmony Creek 7	675799.9	4868594.1		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76		0.00E+00	0.00E+00





Appendix F - 4: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.87E-04	1.66E-03	4.72E-05	1.62E-05	5.69E-03	0.00E+00	1.44E-03		0.02	0.00E+00
					Background Concentration (ug/m3)	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75		
372	Westside 1	686082.6	4862776.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
373	Westside 2	685778.7	4862137.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
374	Westside 3	685084.2	4862827.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
375	Darlington 1	680977.5	4865674.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
376	Darlington 2	680913.9	4863967.1		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
377	Darlington 3	682602.8	4863659.6		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
378	Darlington 4	682206.4	4862910.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
379	Darlington 5	683223.2	4861114.0		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
380	Darlington 6	683947.7	4862362.0		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
381	Darlington 7	685361.9	4861143.4		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78	0.00E+00	0.00E+00	
382	Bennett ECO/HH	688606.4	4862634.8		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
383	Oshawa ECO/HH	673884.9	4859128.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
384	Oshawa Creek 1	671671.2	4862793.7		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
385	Oshawa Creek 2	671668.5	4861589.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
386	Oshawa Creek 3	672820.2	4861287.2		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
387	Oshawa Creek 4	672360.3	4860262.6		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.76	0.00E+00	0.00E+00	
388	Oshawa Creek 5	673921.2	4860115.0		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
389	Oshawa Creek 6	673154.0	4859421.9		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
390	Farmer	677409.8	4861051.4		1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
391	Commercial Market	688276.3	4864698.5		1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.98E-09	2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05										
1	Campground 10	678526.8	4859996.8		20.04	0.19	0.02	60.79	1030.95	0.27	20.70	35.66	0.11	1.04		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
2	ECO 2	675490.4	4860360.1		19.61	0.08	7.91E-03	59.29	1030.40	0.18	20.61	35.56	0.05	0.43		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04
3	Recreational 5	681642.0	4860349.3		20.50	0.31	0.03	62.37	1031.54	0.33	20.76	35.71	0.19	1.68		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.13E-04
4	ECO 4	676831.5	4859840.9		19.99	0.18	0.02	60.59	1030.88	0.26	20.70	35.65	0.11	0.96		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04
5	Bow. Valley Cons. 3	685767.2	4863879.0		19.61	0.08	7.85E-03	59.28	1030.39	0.11	20.55	35.50	0.05	0.43		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04
6	ECO 6	679647.8	4859989.3		20.14	0.22	0.02	61.14	1031.08	0.33	20.76	35.72	0.13	1.18		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
7	ECO 7	681578.8	4862070.1		20.21	0.23	0.02	61.38	1031.17	0.27	20.70	35.65	0.14	1.28		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
8	ECO 8	679735.5	4861048.6		20.71	0.36	0.04	63.09	1031.81	0.44	20.87	35.82	0.22	1.97		2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04
9	ECO 9	687219.7	4864249.3		19.59	0.07	7.41E-03	59.22	1030.37	0.10	20.53	35.48	0.04	0.40		2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04
10	ECO 10	686519.0	4861987.6		19.59	0.07	7.44E-03	59.22	1030.37	0.12	20.55	35.50	0.04	0.41		2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04
11	ECO 11	679870.4	4859737.9		20.03	0.19	0.02	60.76	1030.94	0.27	20.70	35.65	0.11	1.03		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04
12	Recreational 4	681575.5	4860557.7		20.08	0.20	0.02	60.91	1031.00	0.25	20.69	35.64	0.12	1.09		2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
13	Future Industrial 9	680704.5	4859857.8		20.04	0.19	0.02	60.77	1030.95	0.29	20.72	35.68	0.11	1.03		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04
14	Future Industrial 10	680608.0	4860719.6		20.65	0.35	0.03	62.87	1031.73	0.46	20.89	35.84	0.21	1.88		2.60E-08	4.48E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04
15	Harmony Creek	673992.4	4865641.4		19.60	0.08	7.69E-03	59.26	1030.38	0.11	20.54	35.50	0.05	0.42		2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04
16	Farewell Creek	678079.2	4868822.7		19.54	0.06	6.12E-03	59.04	1030.31	0.17	20.60	35.55	0.04	0.33		2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04
17	Farmer	681378.6	4860335.0		20.59	0.33	0.03	62.69	1031.66	0.34	20.78	35.73	0.20	1.81		2.59E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04
18	Watson Farm	682883.4	4864219.7		19.95	0.17	0.02	60.47	1030.84	0.20	20.63	35.59	0.10	0.91		2.48E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
19	Racanski Farm	678929.2	4865530.2		19.75	0.12	0.01	59.77	1030.58	0.18	20.61	35.57	0.07	0.63		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
20	Zoo	687216.8	4864835.3		19.52	0.06	5.77E-03	59.00	1030.29	0.11	20.54	35.49	0.03	0.31		2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04
21	Cedar Crest Beach	686652.1	4861660.9		19.74	0.11	0.01	59.75	1030.57	0.12	20.56	35.51	0.07	0.62		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
22	Darlington Prov Park Beach	677844.6	4859718.2		20.16	0.22	0.02	61.20	1031.11	0.23	20.66	35.61	0.13	1.21		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
23	OPG 1	682258.1	4860045.0		19.95	0.17	0.02	60.47	1030.84	0.26	20.69	35.64	0.10	0.91		2.48E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
24	OPG 2	682551.4	4859889.1		19.86	0.14	0.01	60.14	1030.71	0.22	20.65	35.61	0.09	0.78		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04
25	OPG 3	682824.6	4859759.3		19.78	0.12	0.01	59.89	1030.62	0.19	20.63	35.58	0.07	0.68		2.46E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04
26	OPG 4	683021.6	4859937.3		19.84	0.14	0.01	60.08	1030.69	0.19	20.63	35.58	0.08	0.75		2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04
27	OPG 5	683318.2	4859677.8		19.69	0.10	0.01	59.58	1030.50	0.17	20.60	35.56	0.06	0.55		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04
28	OPG 6	683306.9	4860023.0		19.82	0.13	0.01	60.02	1030.67	0.18	20.62	35.57	0.08	0.73		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
29	OPG 7	683718.6	4859915.8		19.72	0.11	0.01	59.66	1030.54	0.17	20.60	35.55	0.06	0.58		2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
30	OPG 8	682702.0	4859998.6		19.92	0.16	0.02	60.37	1030.80	0.22	20.65	35.60	0.10	0.87		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
31	OPG 9	684347.7	4861184.6		19.75	0.12	0.01	59.79	1030.58	0.13	20.56	35.52	0.07	0.64		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
32	OPG 10	682157.2	4861228.2		20.12	0.21	0.02	61.07	1031.06	0.22	20.66	35.61	0.13	1.15		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
33	St. Mary's 1	684557.0	4861070.0		19.77	0.12	0.01	59.85	1030.61	0.13	20.56	35.51	0.07	0.66		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04
34	St. Mary's 2	684657.3	4861320.8		19.71	0.10	0.01	59.63	1030.52	0.13	20.57	35.52	0.06	0.57		2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
35	St. Mary's 3	684905.3	4861154.4		19.76	0.12	0.01	59.82	1030.59	0.12	20.56	35.51	0.07	0.65		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
36	Court. Subdivision 1	677328.4	4862976.1		19.77	0.12	0.01	59.85	1030.61	0.34	20.78	35.73	0.07	0.66		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04
37	Court. Subdivision 2	676187.9	4862611.1		19.67	0.09	9.45E-03	59.49	1030.47	0.17	20.60	35.55	0.06	0.51		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.06E-04
38	Court. Subdivision 3	675974.8	4863484.1		19.54	0.06	6.23E-03	59.06	1030.31	0.18	20.61	35.57	0.04	0.34		2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04
39	Court. Subdivision 4	676606.1	4863214.1		19.66	0.09	9.26E-03	59.47	1030.46	0.25	20.69	35.64	0.06	0.50		2.43E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.05E-04
40	Court. Subdivision 5	676827.1	4863591.4		19.78	0.12	0.01	59.89	1030.62	0.27	20.70	35.65	0.07	0.68		2.46E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04
41	Court. Subdivision 6	677200.4	4864074.9		19.74	0.11	0.01	59.76	1030.57	0.25	20.68	35.64	0.07	0.62		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
42	Court. Subdivision 7	677719.8	4863625.1		19.74	0.11	0.01	59.76	1030.57	0.25	20.68	35.63	0.07	0.62		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
43	Court. Subdivision 8	678271.6	4864200.6		19.72	0.11	0.01	59.68	1030.54	0.17	20.61	35.56	0.06	0.59		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
44	Court. Subdivision 9	678184.4	4863373.6		19.68	0.10	9.66E-03	59.52	1030.48	0.19	20.62	35.58	0.06	0.53		2.							

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium		
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30		0.18	1.62		1.98E-09	2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05
					19.30	58.22	1030.00	20.43	35.39	2.37E-08	4.20E-05	0.21	3.02E-03	1.81E-03		8.18E-03	3.02E-04								
55	Bow. Subdivision 10	685266.0	4863243.1		19.66	0.09	9.35E-03	59.48	1030.47	0.11	20.54	35.50	0.06	0.51	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.06E-04			
56	Osh/Court Subdivision 1	677396.8	4860977.3		20.21	0.23	0.02	61.38	1031.17	0.28	20.72	35.67	0.14	1.28	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04			
57	Osh/Court Subdivision 2	676633.5	4860816.8		19.69	0.10	9.97E-03	59.56	1030.50	0.20	20.63	35.59	0.06	0.54	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04			
58	Osh/Court Subdivision 3	676916.0	4861925.0		19.78	0.12	0.01	59.90	1030.62	0.23	20.67	35.62	0.07	0.68	2.46E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04			
59	Osh/Court Subdivision 4	676730.5	4861317.1		19.88	0.15	0.01	60.22	1030.74	0.20	20.63	35.59	0.09	0.81	2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04			
60	Osh/Court Subdivision 5	676087.2	4861392.3		19.77	0.12	0.01	59.85	1030.60	0.18	20.61	35.56	0.07	0.66	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04			
61	Osh/Court Subdivision 6	676177.1	4861722.2		19.66	0.09	9.29E-03	59.47	1030.46	0.18	20.62	35.57	0.06	0.51	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.05E-04			
62	Osh/Court Subdivision 7	675670.7	4861783.2		19.62	0.08	8.27E-03	59.33	1030.41	0.17	20.61	35.56	0.05	0.45	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
63	Osh/Court Subdivision 8	676050.8	4862055.7		19.71	0.11	0.01	59.65	1030.53	0.17	20.60	35.55	0.06	0.58	2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04			
64	Osh/Court Subdivision 9	676636.9	4862134.3		19.77	0.12	0.01	59.86	1030.61	0.20	20.63	35.59	0.07	0.66	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04			
65	Osh/Court Subdivision 10	676571.3	4861634.8		19.71	0.10	0.01	59.63	1030.52	0.19	20.63	35.58	0.06	0.57	2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04			
66	Bow. Subdivision 11	684649.2	4863182.7		19.68	0.10	9.68E-03	59.52	1030.48	0.13	20.56	35.51	0.06	0.53	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04			
67	Daycare B	685172.4	4863933.1		19.55	0.06	6.49E-03	59.09	1030.32	0.14	20.57	35.52	0.04	0.35	2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04			
68	Daycare C	685452.0	4863104.4		19.66	0.09	9.15E-03	59.45	1030.46	0.11	20.54	35.50	0.05	0.50	2.43E-08	4.28E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
69	Daycare D	685527.7	4864693.3		19.64	0.09	8.78E-03	59.40	1030.44	0.12	20.56	35.51	0.05	0.48	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
70	Daycare E	685735.4	4864790.8		19.62	0.08	8.13E-03	59.31	1030.41	0.12	20.55	35.51	0.05	0.44	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
71	Daycare F	685520.3	4864854.3		19.65	0.09	8.89E-03	59.42	1030.44	0.11	20.55	35.50	0.05	0.48	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
72	Daycare G	685441.9	4864878.0		19.64	0.09	8.67E-03	59.39	1030.43	0.12	20.55	35.50	0.05	0.47	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
73	Daycare H	686364.8	4864707.8		19.51	0.05	5.33E-03	58.94	1030.27	0.12	20.55	35.51	0.03	0.29	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04			
74	Daycare I	685721.6	4865127.3		19.61	0.08	8.06E-03	59.31	1030.40	0.11	20.54	35.50	0.05	0.44	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
75	Daycare J	678256.3	4863565.4		19.60	0.08	7.76E-03	59.27	1030.39	0.19	20.62	35.57	0.05	0.42	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
76	Daycare K	677694.1	4864043.7		19.59	0.07	7.41E-03	59.22	1030.37	0.23	20.66	35.62	0.04	0.40	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
77	Daycare L	676479.5	4862526.2		19.70	0.10	0.01	59.61	1030.51	0.21	20.64	35.59	0.06	0.56	2.44E-08	4.28E-05		0.21	3.05E-03	1.82E-03	8.20E-03	3.06E-04			
78	Daycare M	678320.9	4864763.5		19.59	0.07	7.39E-03	59.22	1030.37	0.17	20.61	35.56	0.04	0.40	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
79	Daycare N	678513.4	4865058.0		19.55	0.07	6.52E-03	59.10	1030.33	0.17	20.60	35.55	0.04	0.35	2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04			
80	Daycare O	672788.7	4863936.6		19.47	0.04	4.50E-03	58.83	1030.22	0.12	20.55	35.50	0.03	0.24	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
81	Daycare P	673952.8	4863592.5		19.50	0.05	5.07E-03	58.90	1030.25	0.12	20.55	35.50	0.03	0.28	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
82	Daycare Q	671751.8	4864887.7		19.47	0.04	4.44E-03	58.82	1030.22	0.12	20.55	35.50	0.03	0.24	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
83	Daycare R	685714.4	4864667.4		19.60	0.08	7.71E-03	59.26	1030.39	0.13	20.56	35.51	0.05	0.42	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
84	Daycare S	684177.9	4863618.2		19.77	0.12	0.01	59.86	1030.61	0.15	20.58	35.53	0.07	0.66	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04			
85	Daycare T	678423.6	4864480.4		19.59	0.07	7.34E-03	59.21	1030.37	0.16	20.60	35.55	0.04	0.40	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
86	Daycare U	685330.5	4863435.1		19.64	0.09	8.74E-03	59.40	1030.44	0.11	20.54	35.50	0.05	0.48	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
87	Daycare V	685153.2	4863236.9		19.64	0.09	8.77E-03	59.40	1030.44	0.11	20.55	35.50	0.05	0.48	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04			
88	Daycare W	672679.0	4862044.9		19.49	0.05	4.90E-03	58.88	1030.25	0.12	20.55	35.51	0.03	0.27	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
89	Daycare X	672076.5	4865285.8		19.48	0.05	4.59E-03	58.84	1030.23	0.11	20.54	35.50	0.03	0.25	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
90	Daycare Y	672638.0	4859664.4		19.49	0.05	4.92E-03	58.88	1030.25	0.13	20.57	35.52	0.03	0.27	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
91	Daycare Z	673735.9	4858958.0		19.70	0.10	0.01	59.62	1030.52	0.16	20.59	35.54	0.06	0.57	2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04			
92	Daycare AA	673121.8	4863385.9		19.50	0.05	5.13E-03	58.91	1030.26	0.12	20.55	35.50	0.03	0.28	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
93	Daycare BB	673904.8	4862282.2		19.51	0.05	5.31E-03	58.94	1030.27	0.14	20.57	35.53	0.03	0.29	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04			
94	Daycare CC	671471.6	4861795.3		19.44	0.04	3.70E-03	58.72	1030.19	0.10	20.54	35.49	0.02	0.20	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04			
95	Daycare DD	673057.3	4862625.6		19.48	0.05	4.62E-03	58.84	1030.23	0.13	20.56	35.52	0.03	0.25	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
96	Daycare EE	674917.1	4863957.2		19.52	0.06	5.72E-03	58.99	1030.29	0.12	20.56	35.51	0.03	0.31	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04			
97	Daycare FF	671356.6	4862954.4		19.46	0.04	4.20E-03	58.79	1030.21	0.12	20.55	35.50	0.03	0.23	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
98	Daycare GG	671675.5	4862705.8		19.47	0.04	4.28E-03	58.80	1030.21	0.12	20.55	35.51	0.03	0.23	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
99	Daycare HH	671604.8	4860138.1		19.48	0.05	4.57E-03	58.84	1030.23	0.12	20.55	35.50	0.03	0.25	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
100	Daycare II	670945.2	4857983.8		19.48	0.05	4.60E-03	58.84	1030.23	0.10	20.53	35.49	0.03	0.25	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
101	Daycare JJ	677514.6	4864744.1		19.48	0.05	4.69E-03	58.85	1030.23	0.22	20.65	35.61	0.03	0.26	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04			
102	Daycare KK	676519.9	4862680.1		19.62	0.08	8.23E-03	59.33	1030.41	0.22	20.66	35.61	0.05												

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18		1.62	1.98E-09		2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05
		Background Concentration (ug/m3)	19.30				58.22	1030.00		20.43	35.39								2.37E-08	4.20E-05	0.21	3.02E-03	1.81E-03	8.18E-03
109	Hospital (Children's)	676057.8	4862180.9		19.74	0.11	0.01	59.73	1030.56	0.16	20.59	35.54	0.07	0.61	2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04		
110	Hospital	671233.2	4863615.9		19.44	0.04	3.50E-03	58.69	1030.18	0.12	20.55	35.50	0.02	0.19	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04		
111	Comm. Resp. Services	676045.4	4863902.5		19.68	0.10	9.66E-03	59.52	1030.48	0.20	20.63	35.58	0.06	0.53	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04		
112	Hospital	671712.7	4862364.1		19.46	0.04	4.08E-03	58.77	1030.20	0.12	20.55	35.50	0.02	0.22	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
113	Retirement Residence A	684199.9	4864120.3		19.66	0.09	9.37E-03	59.48	1030.47	0.15	20.58	35.53	0.06	0.51	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.06E-04		
114	Retirement Residence B	685483.9	4865150.9		19.59	0.07	7.47E-03	59.23	1030.37	0.12	20.55	35.50	0.04	0.41	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
115	Retirement Residence C	686844.0	4864732.1		19.54	0.06	6.06E-03	59.04	1030.30	0.11	20.55	35.50	0.04	0.33	2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
116	Retirement Residence D	673481.7	4863343.4		19.52	0.06	5.56E-03	58.97	1030.28	0.11	20.55	35.50	0.03	0.30	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
117	Retirement Residence E	671825.2	4864399.0		19.46	0.04	4.16E-03	58.78	1030.21	0.12	20.55	35.50	0.02	0.23	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
118	Retirement Residence F	671606.3	4864536.0		19.46	0.04	4.20E-03	58.79	1030.21	0.12	20.55	35.50	0.03	0.23	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
119	Retirement Residence G	671357.1	4862958.7		19.46	0.04	4.19E-03	58.79	1030.21	0.12	20.55	35.50	0.03	0.23	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
120	Retirement Residence H	671514.0	4862262.9		19.47	0.04	4.27E-03	58.80	1030.21	0.11	20.55	35.50	0.03	0.23	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
121	Retirement Residence I	672602.2	4863075.9		19.46	0.04	4.15E-03	58.78	1030.21	0.12	20.55	35.51	0.02	0.23	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
122	Retirement Residence J	671719.1	4862893.1		19.47	0.04	4.25E-03	58.79	1030.21	0.12	20.55	35.51	0.03	0.23	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
123	Retirement Residence K	686718.0	4865648.7		19.54	0.06	6.25E-03	59.06	1030.31	0.09	20.53	35.48	0.04	0.34	2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
124	Retirement Residence L	676168.7	4865669.9		19.54	0.06	6.21E-03	59.06	1030.31	0.19	20.62	35.57	0.04	0.34	2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
125	Retirement Residence M	676118.5	4863980.7		19.70	0.10	0.01	59.61	1030.52	0.20	20.63	35.59	0.06	0.56	2.44E-08	4.28E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04		
126	Bow. Subdivision 12	684649.2	4863182.7		19.68	0.10	9.68E-03	59.52	1030.48	0.13	20.56	35.51	0.06	0.53	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04		
127	Primary School B	685384.8	4863575.3		19.64	0.09	8.79E-03	59.40	1030.44	0.11	20.54	35.50	0.05	0.48	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
128	Primary School C	685021.6	4863952.9		19.55	0.06	6.39E-03	59.08	1030.32	0.14	20.57	35.53	0.04	0.35	2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
129	Primary School D	686237.0	4864085.5		19.59	0.07	7.42E-03	59.22	1030.37	0.11	20.54	35.50	0.04	0.40	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
130	Primary School E	686719.0	4863734.7		19.59	0.07	7.42E-03	59.22	1030.37	0.09	20.52	35.48	0.04	0.40	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
131	Primary School F	686357.0	4864754.9		19.50	0.05	5.06E-03	58.90	1030.25	0.12	20.55	35.51	0.03	0.28	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.21E-03	3.04E-04		
132	Primary School G	685502.0	4865013.4		19.62	0.08	8.14E-03	59.32	1030.41	0.12	20.55	35.50	0.05	0.44	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
133	Primary School H	686726.7	4866061.5		19.53	0.06	5.96E-03	59.02	1030.30	0.10	20.53	35.48	0.04	0.32	2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
134	Primary School I	685186.2	4866568.2		19.51	0.06	5.50E-03	58.96	1030.28	0.12	20.55	35.51	0.03	0.30	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
135	Primary School J	685965.3	4866979.0		19.51	0.05	5.42E-03	58.95	1030.27	0.11	20.54	35.49	0.03	0.30	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
136	Primary School K	677709.9	4864726.5		19.55	0.06	6.47E-03	59.09	1030.32	0.21	20.64	35.60	0.04	0.35	2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
137	Primary School L	675988.3	4864270.2		19.75	0.12	0.01	59.77	1030.58	0.19	20.62	35.58	0.07	0.63	2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04		
138	Primary School M	676608.7	4862739.0		19.59	0.08	7.51E-03	59.23	1030.38	0.24	20.68	35.63	0.05	0.41	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
139	Primary School N	677222.2	4863759.1		19.83	0.14	0.01	60.05	1030.68	0.27	20.70	35.66	0.08	0.74	2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04		
140	Primary School O	678154.9	4863872.7		19.63	0.09	8.50E-03	59.37	1030.43	0.18	20.62	35.57	0.05	0.46	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
141	Court. Subdivision 12	678309.6	4863600.8		19.60	0.08	7.78E-03	59.27	1030.39	0.19	20.62	35.58	0.05	0.42	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
142	Primary School Q	677010.6	4862470.6		19.66	0.09	9.35E-03	59.48	1030.47	0.32	20.75	35.70	0.06	0.51	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.06E-04		
143	Primary School R	677431.3	4866694.7		19.57	0.07	7.04E-03	59.17	1030.35	0.19	20.62	35.58	0.04	0.38	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
144	Primary School S	675266.2	4863562.9		19.53	0.06	5.91E-03	59.02	1030.30	0.13	20.57	35.52	0.04	0.32	2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
145	Primary School T	673479.2	4860029.4		19.51	0.05	5.41E-03	58.95	1030.27	0.14	20.58	35.53	0.03	0.29	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
146	Primary School U	670856.0	4860710.6		19.44	0.04	3.58E-03	58.70	1030.18	0.11	20.54	35.49	0.02	0.19	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04		
147	Primary School V	672660.2	4863909.2		19.47	0.04	4.45E-03	58.82	1030.22	0.12	20.55	35.50	0.03	0.24	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
148	Primary School W	672735.2	4859232.9		19.66	0.09	9.18E-03	59.46	1030.46	0.14	20.58	35.53	0.06	0.50	2.43E-08	4.28E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
149	Primary School X	673575.8	4862688.6		19.48	0.05	4.66E-03	58.85	1030.23	0.13	20.56	35.52	0.03	0.25	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
150	Primary School Y	673710.3	4861969.0		19.56	0.07	6.57E-03	59.10	1030.33	0.13	20.57	35.52	0.04	0.36	2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
151	Primary School Z	672366.0	4859928.1		19.49	0.05	5.01E-03	58.90	1030.25	0.13	20.56	35.52	0.03	0.27	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
152	Primary School AA	672561.7	4866047.1		19.49	0.05	4.83E-03	58.87	1030.24	0.10	20.54	35.49	0.03	0.26	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
153	Primary School BB	675095.1	4862930.4		19.57	0.07	6.91E-03	59.15	1030.35	0.14	20.57	35.52	0.04	0.38	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
154	Primary School CC	673242.6	4865197.9		19.51	0.05	5.33E-03	58.94	1030.27	0.11	20.54	35.50	0.03	0.29	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
155	Primary School DD	674164.9	4863031.3		19.56	0.07	6.56E-03	59.10	1030.33	0.12	20.55	35.51	0.04	0.36	2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
156	Primary School EE	671905.6	4864697.8		19.47	0.																		



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.98E-09	2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05										
163	Primary School LL	673762.3	4864210.6		19.48	0.05	4.65E-03	58.85	1030.23	0.11	20.54	35.50	0.03	0.25	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
164	Primary School MM	672238.8	4864621.3		19.47	0.04	4.44E-03	58.82	1030.22	0.11	20.55	35.50	0.03	0.24	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
165	Primary School NN	673213.6	4858677.0		19.55	0.06	6.46E-03	59.09	1030.32	0.14	20.57	35.53	0.04	0.35	2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04	
166	Primary School OO	675474.8	4863221.7		19.57	0.07	6.98E-03	59.16	1030.35	0.14	20.57	35.53	0.04	0.38	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
167	Primary School PP	672441.8	4858748.6		19.61	0.08	8.05E-03	59.30	1030.40	0.13	20.57	35.52	0.05	0.44	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
168	Primary School QQ	672796.8	4864438.2		19.47	0.04	4.28E-03	58.80	1030.21	0.11	20.55	35.50	0.03	0.23	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
169	Primary School RR	671351.4	4863284.0		19.45	0.04	3.93E-03	58.75	1030.20	0.12	20.55	35.50	0.02	0.21	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
170	Primary School SS	673213.9	4862125.5		19.51	0.05	5.44E-03	58.95	1030.27	0.13	20.56	35.52	0.03	0.30	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
171	Primary School TT	671017.9	4860953.7		19.42	0.03	3.14E-03	58.64	1030.16	0.10	20.54	35.49	0.02	0.17	2.39E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04	
172	Primary School UU	670991.0	4861089.8		19.41	0.03	2.95E-03	58.62	1030.15	0.10	20.54	35.49	0.02	0.16	2.39E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04	
173	Primary School VV	674150.1	4862294.8		19.51	0.05	5.42E-03	58.95	1030.27	0.14	20.58	35.53	0.03	0.30	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
174	Primary School WW	672005.2	4861707.9		19.46	0.04	4.13E-03	58.78	1030.21	0.11	20.54	35.49	0.02	0.22	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
175	Primary School XX	684172.1	4863615.6		19.78	0.12	0.01	59.90	1030.62	0.15	20.58	35.53	0.07	0.68	2.46E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04	
176	Primary School YY	683923.3	4866636.4		19.58	0.07	7.28E-03	59.20	1030.36	0.14	20.58	35.53	0.04	0.40	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
177	Primary School ZZ	680446.0	4865770.5		19.50	0.05	5.18E-03	58.92	1030.26	0.22	20.65	35.60	0.03	0.28	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
178	Vacant School	685612.9	4864520.0		19.57	0.07	6.97E-03	59.16	1030.35	0.13	20.56	35.52	0.04	0.38	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
179	Secondary School A	686291.4	4865064.3		19.53	0.06	5.92E-03	59.02	1030.30	0.11	20.55	35.50	0.04	0.32	2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04	
180	Secondary School B	683875.0	4864741.7		19.77	0.12	0.01	59.86	1030.61	0.16	20.59	35.54	0.07	0.66	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04	
181	Secondary School C	684650.3	4866460.3		19.52	0.06	5.77E-03	59.00	1030.29	0.13	20.56	35.52	0.03	0.31	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
182	Secondary School D	678099.5	4864838.2		19.60	0.08	7.73E-03	59.26	1030.39	0.19	20.62	35.58	0.05	0.42	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
183	Secondary School E	678467.0	4863431.2		19.65	0.09	8.91E-03	59.42	1030.45	0.20	20.64	35.59	0.05	0.48	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
184	Secondary School F	674144.9	4862762.7		19.50	0.05	5.13E-03	58.91	1030.26	0.13	20.56	35.52	0.03	0.28	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
185	Secondary School G	673816.0	4864357.1		19.49	0.05	4.92E-03	58.88	1030.25	0.11	20.54	35.50	0.03	0.27	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
186	Secondary School H	673145.4	4858569.0		19.56	0.07	6.60E-03	59.11	1030.33	0.13	20.57	35.52	0.04	0.36	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
187	Secondary School I	671291.7	4863581.3		19.44	0.04	3.60E-03	58.71	1030.18	0.12	20.55	35.50	0.02	0.20	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04	
188	Secondary School J	671443.2	4861664.9		19.43	0.03	3.42E-03	58.68	1030.17	0.10	20.53	35.49	0.02	0.19	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04	
189	Secondary School K	673235.3	4860885.0		19.45	0.04	3.92E-03	58.75	1030.20	0.13	20.56	35.52	0.02	0.21	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
190	Secondary School L	684252.7	4866500.5		19.55	0.06	6.48E-03	59.09	1030.32	0.14	20.57	35.53	0.04	0.35	2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04	
191	Secondary School M	673914.1	4859551.7		19.62	0.08	8.11E-03	59.31	1030.41	0.15	20.59	35.54	0.05	0.44	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
192	Secondary School N	675051.5	4864177.2		19.52	0.06	5.71E-03	58.99	1030.29	0.13	20.56	35.52	0.03	0.31	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
193	Adult School	685276.1	4866019.8		19.56	0.07	6.74E-03	59.13	1030.34	0.12	20.55	35.51	0.04	0.37	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
194	Bow. Valley Cons. 1	685356.6	4864521.2		19.62	0.08	8.18E-03	59.32	1030.41	0.13	20.56	35.52	0.05	0.45	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
195	Bow. Valley Cons. 2	685627.7	4864167.8		19.54	0.06	6.14E-03	59.05	1030.31	0.13	20.56	35.52	0.04	0.33	2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04	
196	Bow. Valley Cons. 4	685852.7	4863640.2		19.60	0.08	7.84E-03	59.28	1030.39	0.10	20.53	35.49	0.05	0.43	2.43E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
197	Bow. Valley Cons. 5	686163.1	4863621.5		19.63	0.08	8.50E-03	59.36	1030.42	0.10	20.53	35.48	0.05	0.46	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
198	Bow. Valley Cons. 6	685931.9	4863380.6		19.61	0.08	7.92E-03	59.29	1030.40	0.10	20.53	35.49	0.05	0.43	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
199	Maple Grove 1	681688.5	4864717.0		19.59	0.07	7.39E-03	59.22	1030.37	0.26	20.69	35.64	0.04	0.40	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
200	Maple Grove 2	681768.9	4864631.8		19.62	0.08	8.15E-03	59.32	1030.41	0.26	20.69	35.64	0.05	0.44	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
201	Maple Grove 3	681894.9	4864506.8		19.61	0.08	7.87E-03	59.28	1030.39	0.25	20.69	35.64	0.05	0.43	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
202	Maple Grove 4	681974.8	4864443.2		19.65	0.09	8.97E-03	59.43	1030.45	0.25	20.68	35.64	0.05	0.49	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
203	Maple Grove 5	681942.2	4864676.7		19.59	0.08	7.56E-03	59.24	1030.38	0.25	20.68	35.63	0.05	0.41	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
204	Maple Grove 6	682053.2	4864586.2		19.63	0.09	8.57E-03	59.37	1030.43	0.24	20.68	35.63	0.05	0.47	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
205	Maple Grove 7	682168.5	4864631.3		19.64	0.09	8.82E-03	59.41	1030.44	0.24	20.67	35.63	0.05	0.48	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
206	Maple Grove 8	682261.7	4864520.9		19.69	0.10	9.95E-03	59.56	1030.50	0.23	20.67	35.62	0.06	0.54	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03			

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18		1.62	1.98E-09		2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05
					Background Concentration (ug/m3)	19.30			58.22	1030.00		20.43	35.39		2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	
217	Port Darlington 9	686867.4	4862119.7		19.58	0.07	7.08E-03	59.17	1030.35	0.11	20.55	35.50	0.04	0.39	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
218	Port Darlington 10	687190.7	4862048.8		19.56	0.07	6.67E-03	59.12	1030.33	0.11	20.54	35.50	0.04	0.36	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
219	Port Darlington 11	687524.4	4862126.8		19.55	0.06	6.33E-03	59.07	1030.32	0.10	20.54	35.49	0.04	0.34	2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04	
220	Campground 1	678646.3	4860337.7		20.21	0.23	0.02	61.37	1031.17	0.33	20.76	35.72	0.14	1.28	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
221	Campground 2	678410.2	4860148.6		20.30	0.26	0.03	61.68	1031.28	0.31	20.74	35.70	0.15	1.40	2.54E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	
222	Campground 3	678651.0	4860054.4		20.11	0.21	0.02	61.01	1031.04	0.28	20.71	35.67	0.12	1.13	2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
223	Campground 4	678725.9	4859860.7		20.07	0.20	0.02	60.87	1030.99	0.24	20.68	35.63	0.12	1.07	2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	
224	Campground 5	678511.1	4859808.6		19.86	0.14	0.01	60.16	1030.72	0.23	20.66	35.62	0.09	0.78	2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	
225	Campground 6	678869.5	4859696.0		19.98	0.17	0.02	60.56	1030.87	0.25	20.68	35.64	0.10	0.95	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	
226	Campground 7	678723.9	4860201.8		20.38	0.28	0.03	61.94	1031.38	0.32	20.75	35.71	0.17	1.51	2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	
227	Campground 8	678796.0	4860011.4		20.04	0.19	0.02	60.78	1030.95	0.27	20.71	35.66	0.11	1.04	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
228	Campground 9	678852.7	4859854.2		20.01	0.18	0.02	60.69	1030.92	0.25	20.69	35.64	0.11	1.00	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
229	Solina 1	681099.6	4861677.2		20.12	0.21	0.02	61.05	1031.05	0.32	20.75	35.71	0.13	1.15	2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
230	Solina 2	681115.7	4861857.7		20.12	0.21	0.02	61.07	1031.06	0.31	20.75	35.70	0.13	1.15	2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
231	Solina 3	680987.4	4861983.5		20.14	0.22	0.02	61.14	1031.09	0.34	20.77	35.73	0.13	1.18	2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
232	Solina 4	680965.0	4862068.1		20.07	0.20	0.02	60.88	1030.99	0.34	20.77	35.73	0.12	1.08	2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	
233	Solina 5	681021.5	4862086.7		20.10	0.21	0.02	61.00	1031.03	0.33	20.77	35.72	0.12	1.13	2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
234	Solina 6	680939.8	4862124.3		19.97	0.17	0.02	60.55	1030.87	0.34	20.78	35.73	0.10	0.94	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	
235	Solina 7	680988.2	4862183.6		20.02	0.18	0.02	60.70	1030.92	0.34	20.77	35.72	0.11	1.00	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
236	Solina 8	680984.6	4862209.8		19.98	0.17	0.02	60.56	1030.87	0.34	20.77	35.72	0.10	0.95	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	
237	Solina 9	680958.6	4862294.9		20.00	0.18	0.02	60.65	1030.90	0.34	20.77	35.72	0.11	0.98	2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
238	Solina 10	680858.0	4862324.3		20.22	0.24	0.02	61.41	1031.18	0.34	20.77	35.73	0.14	1.29	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
239	Solina 11	680990.3	4862403.5		19.98	0.18	0.02	60.58	1030.88	0.33	20.76	35.72	0.11	0.95	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	
240	Recreational 1	681545.0	4860865.0		20.05	0.19	0.02	60.82	1030.97	0.26	20.69	35.65	0.12	1.05	2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	
241	Recreational 2	681563.7	4860687.4		20.35	0.27	0.03	61.85	1031.35	0.27	20.71	35.66	0.16	1.47	2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	
242	Recreational 3	681579.7	4860610.0		20.18	0.23	0.02	61.28	1031.14	0.25	20.68	35.64	0.14	1.24	2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04	
243	Recreational 6	681876.6	4860254.4		20.42	0.29	0.03	62.09	1031.44	0.31	20.74	35.70	0.17	1.57	2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.13E-04	
244	Recreational 7	682166.9	4860324.4		20.31	0.26	0.03	61.72	1031.30	0.28	20.72	35.67	0.16	1.42	2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	
245	Darlington 1	679565.4	4861052.9		20.70	0.36	0.04	63.07	1031.80	0.40	20.83	35.79	0.22	1.96	2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04	
246	Darlington 2	679452.9	4861051.4		20.56	0.32	0.03	62.59	1031.62	0.41	20.84	35.80	0.19	1.77	2.59E-08	4.46E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	
247	Darlington 3	679130.5	4860948.8		20.57	0.33	0.03	62.61	1031.63	0.37	20.81	35.76	0.20	1.78	2.59E-08	4.46E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	
248	Darlington 4	679112.6	4860941.9		20.59	0.33	0.03	62.68	1031.66	0.37	20.80	35.75	0.20	1.81	2.59E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	
249	Darlington 5	679057.6	4860994.1		20.51	0.31	0.03	62.40	1031.55	0.37	20.80	35.76	0.19	1.69	2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04	
250	Darlington 6	679075.2	4860931.6		20.60	0.33	0.03	62.71	1031.67	0.36	20.79	35.75	0.20	1.82	2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	
251	Darlington 7	678814.3	4860843.1		20.27	0.25	0.03	61.59	1031.25	0.31	20.75	35.70	0.15	1.36	2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
252	Darlington 8	678840.4	4860777.1		20.12	0.21	0.02	61.07	1031.06	0.31	20.74	35.70	0.13	1.15	2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
253	Light Ind. 1	680000.1	4861034.1		20.23	0.24	0.02	61.45	1031.20	0.49	20.92	35.88	0.14	1.31	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
254	Light Ind. 2	680060.7	4861056.4		20.26	0.25	0.02	61.53	1031.23	0.50	20.93	35.89	0.15	1.34	2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
255	Light Ind. 3	680291.2	4861151.6		20.70	0.36	0.04	63.06	1031.80	0.49	20.93	35.88	0.22	1.96	2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04	
256	Light Ind. 4	680536.3	4861204.6		20.53	0.32	0.03	62.49	1031.59	0.47	20.90	35.86	0.19	1.73	2.58E-08	4.46E-05		0.21	3.11E-03	1.83E-03	8.26E-03	3.14E-04	
257	Light Ind. 5	680350.4	4861290.6		20.59	0.33	0.03	62.67	1031.65	0.47	20.90	35.86	0.20	1.80	2.59E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	
258	Light Ind. 6	680306.9	4861275.6		20.57	0.33	0.03	62.61	1031.63	0.48	20.91	35.87	0.20	1.78	2.59E-08	4.46E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	
259	Light Ind. 7	680267.2	4861262.4		20.63	0.34	0.03	62.81	1031.71	0.48	20.92	35.87	0.20	1.86	2.60E-08	4.48E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	
260	Light Ind. 8	680233.6	4861250.7		20.66	0.35	0.03	62.91	1031.74	0.49	20.92	35.88	0.21	1.90	2.61E-08	4.48E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	
261	Light Ind. 9	680175.3	4861227.5		20.62	0.34	0.03	62.78	1031.70	0.49	20.93	35.88	0.20	1.85	2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	
262	Light Ind. 10	680092.5	4861185.1		20.37	0.28	0.03	61.93	1031.38	0.50	20.93	35.88	0.17	1.50	2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	
263	Light Ind. 11	680071.6	4861246.6		20.39	0.28	0.03	61.97	1031.40	0.49	20.92	35.88	0.17	1.52	2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	
264	Light Ind. 12	680021.4	4861186.9		20.36	0.27	0.03	61.89	1031.36	0.49	20.92	35.88	0.16	1.49	2.56E-08	4.42E-05		0.21					

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18		1.62	1.98E-09		2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05
		Background Concentration (ug/m3)	19.30				58.22	1030.00		20.43	35.39								2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03
271	Future Industrial 5	679898.8	4860067.4		20.28	0.25	0.03	61.63	1031.27	0.35	20.78	35.74	0.15	1.38	2.54E-08	4.41E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04		
272	Future Industrial 6	680134.8	4860694.1		20.68	0.36	0.04	63.00	1031.78	0.46	20.89	35.85	0.21	1.93	2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04		
273	Future Industrial 11	680253.7	4860255.2		20.27	0.25	0.02	61.57	1031.24	0.45	20.88	35.83	0.15	1.36	2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04		
274	Future Industrial 12	679901.2	4860511.8		20.18	0.23	0.02	61.26	1031.13	0.44	20.88	35.83	0.14	1.23	2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04		
275	Commercial Farmer	679867.8	4860445.4		20.20	0.23	0.02	61.35	1031.16	0.45	20.88	35.84	0.14	1.27	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04		
276	Farmer	679277.0	4859981.5		20.13	0.21	0.02	61.09	1031.07	0.29	20.72	35.67	0.13	1.16	2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04		
277	Residence	679387.2	4860648.9		20.19	0.23	0.02	61.29	1031.14	0.36	20.80	35.75	0.14	1.24	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04		
278	Barn	679261.9	4860574.2		20.16	0.22	0.02	61.21	1031.11	0.37	20.80	35.75	0.13	1.21	2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04		
279	Residence	680150.7	4861295.7		20.52	0.31	0.03	62.42	1031.56	0.49	20.92	35.88	0.19	1.70	2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04		
280	Residence	679939.8	4861213.4		20.27	0.25	0.03	61.59	1031.25	0.48	20.91	35.87	0.15	1.36	2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04		
281	Farmer	680855.7	4861456.9		20.36	0.27	0.03	61.90	1031.37	0.38	20.81	35.77	0.16	1.49	2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04		
282	Farmer	681386.2	4861673.3		20.37	0.28	0.03	61.94	1031.38	0.29	20.72	35.67	0.17	1.50	2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04		
283	Residence	680683.5	4861597.9		20.26	0.25	0.02	61.55	1031.24	0.40	20.83	35.79	0.15	1.35	2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04		
284	Business	680064.3	4861343.7		20.36	0.27	0.03	61.89	1031.36	0.48	20.92	35.87	0.16	1.49	2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04		
285	Farmer	679680.1	4861213.5		20.41	0.29	0.03	62.06	1031.43	0.43	20.87	35.82	0.17	1.56	2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.13E-04		
286	Farmer	681344.8	4861792.9		20.15	0.22	0.02	61.16	1031.09	0.29	20.72	35.68	0.13	1.19	2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04		
287	Youth Centre	685644.2	4864814.8		19.64	0.09	8.68E-03	59.39	1030.43	0.12	20.55	35.51	0.05	0.47	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
288	Bowmanville Arena	685462.9	4864615.2		19.64	0.09	8.66E-03	59.39	1030.43	0.13	20.56	35.51	0.05	0.47	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
289	Bowmanville Rec Complex	684160.3	4864604.5		19.67	0.10	9.57E-03	59.51	1030.48	0.15	20.58	35.54	0.06	0.52	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04		
290	Recreation Complex	684586.6	4862406.3		19.63	0.09	8.60E-03	59.38	1030.43	0.13	20.56	35.52	0.05	0.47	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
291	Superdog Central	681487.7	4865723.3		19.53	0.06	6.02E-03	59.03	1030.30	0.22	20.65	35.61	0.04	0.33	2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
292	Equestrian Centre	681567.1	4863670.7		19.78	0.12	0.01	59.88	1030.62	0.28	20.71	35.67	0.07	0.67	2.46E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04		
293	Flea Market	678574.6	4862819.4		19.85	0.14	0.01	60.14	1030.71	0.24	20.67	35.62	0.09	0.77	2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04		
294	Equestrian Centre	680030.8	4867320.2		19.48	0.05	4.52E-03	58.83	1030.23	0.16	20.59	35.55	0.03	0.25	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
295	Courtice Community Comp	678099.3	4864629.8		19.62	0.08	8.32E-03	59.34	1030.42	0.19	20.62	35.58	0.05	0.45	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
296	Former Restaurant	679830.2	4860702.2		20.37	0.28	0.03	61.93	1031.38	0.40	20.83	35.78	0.17	1.50	2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04		
297	Commercial	679364.8	4861016.0		20.54	0.32	0.03	62.49	1031.59	0.41	20.84	35.80	0.19	1.73	2.58E-08	4.46E-05		0.21	3.11E-03	1.83E-03	8.26E-03	3.14E-04		
298	GM Oshawa Headquarters	676418.3	4860463.7		19.75	0.12	0.01	59.79	1030.58	0.21	20.65	35.60	0.07	0.63	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04		
299	Farm A?	682972.3	4862201.9		19.82	0.13	0.01	60.01	1030.66	0.18	20.62	35.57	0.08	0.72	2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04		
300	Farm B?	683546.9	4861959.7		19.77	0.12	0.01	59.85	1030.61	0.16	20.59	35.55	0.07	0.66	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04		
301	Farm C?	682547.5	4862321.1		19.98	0.17	0.02	60.56	1030.87	0.20	20.64	35.59	0.10	0.95	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04		
302	Farm D?	683238.3	4862393.3		19.77	0.12	0.01	59.86	1030.61	0.17	20.60	35.56	0.07	0.66	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04		
303	Farm E?	682512.6	4862858.0		19.87	0.15	0.01	60.20	1030.73	0.20	20.63	35.58	0.09	0.80	2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04		
304	Farm F?	683129.1	4863649.4		19.94	0.17	0.02	60.45	1030.83	0.18	20.61	35.57	0.10	0.90	2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04		
305	Bennett 1	688209.3	4862512.1		19.52	0.06	5.71E-03	58.99	1030.29	0.10	20.53	35.49	0.03	0.31	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
306	Bennett 2	687990.0	4863221.3		19.51	0.05	5.40E-03	58.95	1030.27	0.09	20.53	35.48	0.03	0.29	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
307	Bennett 3	688818.4	4862836.3		19.52	0.06	5.71E-03	58.99	1030.29	0.10	20.53	35.48	0.03	0.31	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
308	Bennett 4	689045.1	4863365.5		19.53	0.06	5.91E-03	59.02	1030.30	0.09	20.52	35.48	0.04	0.32	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
309	Bennett 5	688270.5	4863763.1		19.51	0.05	5.30E-03	58.93	1030.27	0.08	20.52	35.47	0.03	0.29	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
310	Bennett 6	689908.5	4863100.5		19.49	0.05	4.88E-03	58.88	1030.24	0.09	20.52	35.48	0.03	0.27	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
311	Bennett 7	688929.9	4864392.0		19.60	0.08	7.71E-03	59.26	1030.39	0.11	20.54	35.50	0.05	0.42	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
312	Bennett 8	689684.2	4863837.7		19.50	0.05	5.04E-03	58.90	1030.25	0.08	20.52	35.47	0.03	0.27	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04		
313	Soper 1	687557.9	4862512.4		19.55	0.06	6.39E-03	59.08	1030.32	0.10	20.54	35.49	0.04	0.35	2.42E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04		
314	Soper 2	687241.9	4863171.7		19.53	0.06	5.83E-03	59.01	1030.29	0.09	20.52	35.48	0.03	0.32	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
315	Soper 3	687023.2	4863903.8		19.58	0.07	7.14E-03	59.18	1030.36	0.09	20.52	35.47	0.04	0.39	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04		
316	Soper 4	688158.2	4865389.3		19.52	0.06	5.64E-03	58.98	1030.28	0.10	20.53	35.48	0.03	0.31	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
317	Soper 5	685027.3	4868253.9		19.52	0.06	5.76E-03	59.00	1030.29	0.11	20.55	35.50	0.03	0.31	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04		
318	Soper 6	687287.4	4867037.3		19.48	0.05	4.60E-03	58.84	1030.23	0.09	20.52	35.48	0.03	0.25	2.40E-08	4.24E-05								

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18		1.62	1.98E-09		2.39E-06	1.31E-03	9.05E-05	1.39E-05	6.99E-05
					Background Concentration (ug/m3)	19.30		58.22	1030.00		20.43	35.39			2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	
325	Bowmanville 5	682452.2	4869417.5		19.44	0.04	3.50E-03	58.69	1030.18	0.12	20.56	35.51	0.02	0.19	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04	
326	Bowmanville 6	684778.5	4864888.2		19.58	0.07	7.08E-03	59.17	1030.35	0.13	20.56	35.52	0.04	0.39	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
327	Bowmanville 7	684549.5	4866404.4		19.52	0.06	5.75E-03	58.99	1030.29	0.13	20.57	35.52	0.03	0.31	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
328	Upper Tooley 1	679944.8	4864883.1		19.61	0.08	7.90E-03	59.28	1030.39	0.24	20.67	35.63	0.05	0.43	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
329	Upper Tooley 2	679055.1	4863885.8		19.59	0.08	7.57E-03	59.24	1030.38	0.21	20.64	35.59	0.05	0.41	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
330	Upper Tooley 3	679714.0	4862767.4		19.84	0.14	0.01	60.09	1030.69	0.31	20.75	35.70	0.08	0.76	2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	
331	Upper Tooley 4	678898.8	4861800.6		20.13	0.21	0.02	61.09	1031.07	0.31	20.74	35.69	0.13	1.16	2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
332	Upper Tooley 5	680353.5	4862156.5		20.02	0.19	0.02	60.71	1030.93	0.37	20.80	35.76	0.11	1.01	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
333	Upper Tooley 6	679818.1	4861625.7		20.20	0.23	0.02	61.33	1031.16	0.43	20.87	35.82	0.14	1.26	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
334	Robinson 1	678434.8	4860943.1		20.12	0.21	0.02	61.07	1031.06	0.31	20.74	35.70	0.13	1.15	2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
335	Robinson 2	677752.6	4861240.6		19.98	0.17	0.02	60.56	1030.87	0.30	20.73	35.69	0.10	0.95	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	
336	Robinson 3	677642.2	4861787.2		19.80	0.13	0.01	59.96	1030.65	0.35	20.78	35.73	0.08	0.70	2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	
337	Robinson 4	678532.7	4862143.6		20.00	0.18	0.02	60.63	1030.89	0.27	20.71	35.66	0.11	0.97	2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	
338	Robinson 5	678005.1	4862784.9		19.92	0.16	0.02	60.35	1030.79	0.28	20.72	35.67	0.10	0.86	2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	
339	Robinson 6	677882.7	4860587.7		19.93	0.16	0.02	60.38	1030.80	0.27	20.70	35.65	0.10	0.88	2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	
340	F/B 1	677443.1	4867862.1		19.49	0.05	4.84E-03	58.87	1030.24	0.17	20.61	35.56	0.03	0.26	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
341	F/B 2	679667.4	4866611.4		19.57	0.07	6.98E-03	59.16	1030.35	0.17	20.61	35.56	0.04	0.38	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
342	F/B 3	678655.0	4867470.1		19.58	0.07	7.18E-03	59.19	1030.36	0.17	20.60	35.56	0.04	0.39	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
343	F/B 4	676191.2	4866844.7		19.49	0.05	4.95E-03	58.89	1030.25	0.17	20.60	35.56	0.03	0.27	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
344	F/B 5	678273.3	4866093.0		19.56	0.07	6.76E-03	59.13	1030.34	0.18	20.61	35.57	0.04	0.37	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
345	F/B 6	681241.2	4867098.8		19.49	0.05	4.95E-03	58.89	1030.25	0.17	20.60	35.56	0.03	0.27	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
346	F/B 7	682165.3	4868082.3		19.47	0.04	4.39E-03	58.81	1030.22	0.15	20.58	35.53	0.03	0.24	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
347	F/B 8	679366.6	4868628.3		19.51	0.05	5.31E-03	58.94	1030.27	0.16	20.59	35.54	0.03	0.29	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
348	F/B 9	680310.1	4869967.1		19.43	0.03	3.22E-03	58.66	1030.16	0.14	20.58	35.53	0.02	0.18	2.39E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04	
349	F/B 10	676487.3	4869291.6		19.53	0.06	5.84E-03	59.01	1030.29	0.15	20.59	35.54	0.04	0.32	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
350	F/B 11	676851.4	4865409.3		19.53	0.06	5.97E-03	59.03	1030.30	0.21	20.64	35.60	0.04	0.33	2.41E-08	4.25E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.04E-04	
351	F/B 12	681153.3	4868682.2		19.46	0.04	4.09E-03	58.77	1030.20	0.14	20.57	35.53	0.02	0.22	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
352	F/B 13	675416.3	4859833.9		19.75	0.12	0.01	59.77	1030.58	0.21	20.64	35.59	0.07	0.63	2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	
353	Second 1	675153.4	4860552.8		19.60	0.08	7.73E-03	59.26	1030.39	0.16	20.59	35.55	0.05	0.42	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
354	Second 2	675297.5	4860891.3		19.57	0.07	7.01E-03	59.17	1030.35	0.17	20.61	35.56	0.04	0.38	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
355	Second 3	675647.2	4860644.9		19.65	0.09	9.10E-03	59.45	1030.46	0.17	20.61	35.56	0.05	0.50	2.43E-08	4.28E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
356	Second 4	675670.5	4860076.5		19.67	0.09	9.45E-03	59.49	1030.47	0.19	20.62	35.58	0.06	0.51	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.06E-04	
357	Second 5	676043.3	4860319.1		19.64	0.09	8.82E-03	59.41	1030.44	0.20	20.63	35.59	0.05	0.48	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
358	Second 6	675923.4	4859821.4		19.85	0.14	0.01	60.12	1030.70	0.24	20.67	35.62	0.08	0.77	2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	
359	McLaughlin Bay 1	676714.7	4860903.8		19.76	0.12	0.01	59.82	1030.59	0.20	20.63	35.59	0.07	0.65	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	
360	McLaughlin Bay 2	677310.8	4860528.2		19.88	0.15	0.01	60.23	1030.75	0.25	20.68	35.64	0.09	0.81	2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	
361	McLaughlin Bay 3	676563.5	4860260.1		19.69	0.10	0.01	59.58	1030.50	0.23	20.66	35.61	0.06	0.55	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	
362	McLaughlin Bay 4	676699.5	4859696.6		20.34	0.27	0.03	61.80	1031.33	0.28	20.71	35.67	0.16	1.45	2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	
363	McLaughlin Bay 5	677560.0	4860060.1		20.12	0.21	0.02	61.04	1031.05	0.28	20.72	35.67	0.13	1.14	2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
364	McLaughlin Bay 6	678204.5	4859832.5		19.90	0.15	0.02	60.29	1030.77	0.24	20.67	35.62	0.09	0.84	2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	
365	Harmony Creek 1	674178.3	4861024.2		19.49	0.05	4.95E-03	58.89	1030.25	0.15	20.59	35.54	0.03	0.27	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
366	Harmony Creek 2	674592.0	4862605.3		19.52	0.06	5.60E-03	58.97	1030.28	0.13	20.57	35.52	0.03	0.30	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
367	Harmony Creek 3	672863.4	4862808.0		19.47	0.04	4.47E-03	58.82	1030.22	0.13	20.56	35.51	0.03	0.24	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
368	Harmony Creek 4	675671.6	4864469.0		19.72	0.11	0.01	59.66	1030.53	0.17	20.60	35.56	0.06	0.58	2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	
369	Harmony Creek 5	672443.1	4864713.0		19.47	0.04	4.34E-03	58.81	1030.22	0.11	20.55	35.50	0.03	0.24	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
370	Harmony Creek 6	674830.5	4866909.6		19.51	0.05	5.34E-03	58.94	1030.27	0.13	20.56	35.52	0.03	0.29	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
371	Harmony Creek 7	675799.9	4868594.1		19.52	0.06	5.66E-03	58.98	1030.28	0.15	20.58	35.53	0.03	0.31	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
372	Westside 1	686082.6	4862776.6		19.55	0.06	6.40E-03	59.08</															



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.16	0.30	0.03	4.00	1.49	0.30	0.30	0.30	0.18	1.62		1.98E-09	2.39E-06		1.31E-03	9.05E-05	1.39E-05	6.99E-05	1.10E-05
				Background Concentration (ug/m3)	19.30			58.22	1030.00		20.43	35.39			2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	
379	Darlington 5	683223.2	4861114.0		19.94	0.17	0.02	60.45	1030.83	0.17	20.60	35.56	0.10	0.90	2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	
380	Darlington 6	683947.7	4862362.0		19.77	0.12	0.01	59.86	1030.61	0.15	20.58	35.53	0.07	0.66	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04	
381	Darlington 7	685361.9	4861143.4		19.66	0.09	9.15E-03	59.45	1030.46	0.11	20.54	35.50	0.05	0.50	2.43E-08	4.28E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
382	Bennett ECO/HH	688606.4	4862634.8		19.51	0.05	5.31E-03	58.94	1030.27	0.10	20.53	35.48	0.03	0.29	2.41E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
383	Oshawa ECO/HH	673884.9	4859128.9		19.76	0.12	0.01	59.83	1030.60	0.16	20.59	35.55	0.07	0.65	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	
384	Oshawa Creek 1	671671.2	4862793.7		19.47	0.04	4.27E-03	58.80	1030.21	0.12	20.55	35.51	0.03	0.23	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
385	Oshawa Creek 2	671668.5	4861589.5		19.43	0.03	3.39E-03	58.68	1030.17	0.10	20.54	35.49	0.02	0.18	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04	
386	Oshawa Creek 3	672820.2	4861287.2		19.45	0.04	3.88E-03	58.74	1030.19	0.12	20.55	35.51	0.02	0.21	2.40E-08	4.23E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.03E-04	
387	Oshawa Creek 4	672360.3	4860262.6		19.48	0.05	4.55E-03	58.83	1030.23	0.13	20.56	35.51	0.03	0.25	2.40E-08	4.24E-05		0.21	3.03E-03	1.81E-03	8.19E-03	3.04E-04	
388	Oshawa Creek 5	673921.2	4860115.0		19.51	0.05	5.38E-03	58.95	1030.27	0.15	20.58	35.53	0.03	0.29	2.41E-08	4.25E-05		0.21	3.03E-03	1.81E-03	8.20E-03	3.04E-04	
389	Oshawa Creek 6	673154.0	4859421.9		19.61	0.08	7.88E-03	59.28	1030.39	0.14	20.58	35.53	0.05	0.43	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
390	Farmer	677409.8	4861051.4		20.16	0.22	0.02	61.20	1031.11	0.28	20.71	35.67	0.13	1.21	2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
391	Commercial Market	688276.3	4864698.5		19.58	0.07	7.12E-03	59.18	1030.36	0.09	20.53	35.48	0.04	0.39	2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	0.08	6.04E-04	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05		
1	Campground 10	678526.8	4859996.8		0.08	7.53E-04	9.75E-04	6.79E-06	2.81E-03	7.27E-04	6.04E-03	3.18E-04	6.34E-03	0.07	4.13E-04	3.03E-03	8.27E-04	3.39E-03	1.57E-03	0.05	0.22		0.01
2	ECO 2	675490.4	4860360.1		0.08	6.66E-04	4.05E-04	2.81E-06	2.78E-03	6.55E-04	5.42E-03	1.32E-04	5.25E-03	0.07	3.71E-04	3.02E-03	3.43E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
3	Recreational 5	681642.0	4860349.3		0.08	8.44E-04	1.58E-03	1.10E-05	2.84E-03	8.03E-04	6.69E-03	5.14E-04	7.48E-03	0.07	4.57E-04	3.03E-03	1.34E-03	3.62E-03	1.59E-03	0.05	0.23		0.01
4	ECO 4	676831.5	4859840.9		0.08	7.41E-04	9.02E-04	6.27E-06	2.80E-03	7.18E-04	5.96E-03	2.94E-04	6.20E-03	0.07	4.08E-04	3.03E-03	7.65E-04	3.36E-03	1.57E-03	0.05	0.22		0.01
5	Bow. Valley Cons. 3	685767.2	4863879.0		0.08	6.65E-04	4.01E-04	2.79E-06	2.78E-03	6.55E-04	5.41E-03	1.31E-04	5.25E-03	0.07	3.71E-04	3.02E-03	3.40E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
6	ECO 6	679647.8	4859989.3		0.08	7.73E-04	1.11E-03	7.71E-06	2.81E-03	7.44E-04	6.18E-03	3.61E-04	6.59E-03	0.07	4.23E-04	3.03E-03	9.39E-04	3.44E-03	1.58E-03	0.05	0.22		0.01
7	ECO 7	681578.8	4862070.1		0.08	7.87E-04	1.20E-03	8.35E-06	2.82E-03	7.55E-04	6.28E-03	3.91E-04	6.76E-03	0.07	4.29E-04	3.03E-03	1.02E-03	3.48E-03	1.58E-03	0.05	0.22		0.01
8	ECO 8	679735.5	4861048.6		0.08	8.86E-04	1.85E-03	1.29E-05	2.85E-03	8.37E-04	6.99E-03	6.03E-04	7.99E-03	0.07	4.77E-04	3.04E-03	1.57E-03	3.72E-03	1.60E-03	0.05	0.23		0.01
9	ECO 9	687219.7	4864249.3		0.08	6.62E-04	3.79E-04	2.64E-06	2.78E-03	6.52E-04	5.39E-03	1.24E-04	5.21E-03	0.07	3.70E-04	3.02E-03	3.21E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
10	ECO 10	686519.0	4861987.6		0.08	6.62E-04	3.80E-04	2.65E-06	2.78E-03	6.52E-04	5.39E-03	1.24E-04	5.21E-03	0.07	3.70E-04	3.02E-03	3.23E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
11	ECO 11	679870.4	4859737.9		0.08	7.51E-04	9.65E-04	6.71E-06	2.81E-03	7.26E-04	6.03E-03	3.15E-04	6.32E-03	0.07	4.12E-04	3.03E-03	8.18E-04	3.39E-03	1.57E-03	0.05	0.22		0.01
12	Recreational 4	681575.5	4860557.7		0.08	7.59E-04	1.02E-03	7.10E-06	2.81E-03	7.33E-04	6.09E-03	3.33E-04	6.42E-03	0.07	4.16E-04	3.03E-03	8.65E-04	3.41E-03	1.58E-03	0.05	0.22		0.01
13	Future Industrial 9	680704.5	4859857.8		0.08	7.52E-04	9.69E-04	6.74E-06	2.81E-03	7.26E-04	6.03E-03	3.16E-04	6.32E-03	0.07	4.13E-04	3.03E-03	8.21E-04	3.39E-03	1.57E-03	0.05	0.22		0.01
14	Future Industrial 10	680608.0	4860719.6		0.08	8.73E-04	1.77E-03	1.23E-05	2.84E-03	8.27E-04	6.90E-03	5.76E-04	7.84E-03	0.07	4.71E-04	3.04E-03	1.50E-03	3.69E-03	1.59E-03	0.05	0.23		0.01
15	Harmony Creek	673992.4	4865641.4		0.08	6.64E-04	3.93E-04	2.73E-06	2.78E-03	6.54E-04	5.40E-03	1.28E-04	5.23E-03	0.07	3.71E-04	3.02E-03	3.33E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
16	Farewell Creek	678079.2	4868822.7		0.08	6.52E-04	3.13E-04	2.18E-06	2.77E-03	6.44E-04	5.32E-03	1.02E-04	5.08E-03	0.07	3.65E-04	3.02E-03	2.65E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
17	Farmer	681378.6	4860335.0		0.08	8.63E-04	1.70E-03	1.18E-05	2.84E-03	8.18E-04	6.82E-03	5.54E-04	7.71E-03	0.07	4.66E-04	3.03E-03	1.44E-03	3.67E-03	1.59E-03	0.05	0.23		0.01
18	Watson Farm	682883.4	4864219.7		0.08	7.34E-04	8.55E-04	5.95E-06	2.80E-03	7.12E-04	5.91E-03	2.79E-04	6.11E-03	0.07	4.04E-04	3.03E-03	7.25E-04	3.34E-03	1.57E-03	0.05	0.22		0.01
19	Racanski Farm	678929.2	4865530.2		0.08	6.94E-04	5.90E-04	4.11E-06	2.79E-03	6.78E-04	5.62E-03	1.92E-04	5.61E-03	0.07	3.85E-04	3.02E-03	5.00E-04	3.24E-03	1.56E-03	0.04	0.22		0.01
20	Zoo	687216.8	4864835.3		0.08	6.49E-04	2.95E-04	2.05E-06	2.77E-03	6.41E-04	5.30E-03	9.62E-05	5.05E-03	0.07	3.63E-04	3.02E-03	2.50E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
21	Cedar Crest Beach	686652.1	4861660.9		0.08	6.92E-04	5.80E-04	4.04E-06	2.79E-03	6.77E-04	5.61E-03	1.89E-04	5.59E-03	0.07	3.84E-04	3.02E-03	4.92E-04	3.24E-03	1.56E-03	0.04	0.22		0.01
22	Darlington Prov Park Beach	677844.6	4859718.2		0.08	7.77E-04	1.13E-03	7.88E-06	2.81E-03	7.47E-04	6.21E-03	3.70E-04	6.63E-03	0.07	4.24E-04	3.03E-03	9.61E-04	3.45E-03	1.58E-03	0.05	0.22		0.01
23	OPG 1	682258.1	4860045.0		0.08	7.34E-04	8.56E-04	5.96E-06	2.80E-03	7.12E-04	5.91E-03	2.79E-04	6.11E-03	0.07	4.04E-04	3.03E-03	7.26E-04	3.34E-03	1.57E-03	0.05	0.22		0.01
24	OPG 2	682551.4	4859889.1		0.08	7.15E-04	7.30E-04	5.08E-06	2.79E-03	6.96E-04	5.77E-03	2.38E-04	5.87E-03	0.07	3.95E-04	3.02E-03	6.19E-04	3.30E-03	1.57E-03	0.05	0.22		0.01
25	OPG 3	682824.6	4859759.3		0.08	7.01E-04	6.36E-04	4.42E-06	2.79E-03	6.84E-04	5.67E-03	2.07E-04	5.69E-03	0.07	3.88E-04	3.02E-03	5.39E-04	3.26E-03	1.57E-03	0.05	0.22		0.01
26	OPG 4	683021.6	4859937.3		0.08	7.12E-04	7.06E-04	4.91E-06	2.79E-03	6.93E-04	5.74E-03	2.30E-04	5.83E-03	0.07	3.93E-04	3.02E-03	5.99E-04	3.29E-03	1.57E-03	0.05	0.22		0.01
27	OPG 5	683318.2	4859677.8		0.08	6.83E-04	5.16E-04	3.59E-06	2.78E-03	6.69E-04	5.54E-03	1.68E-04	5.47E-03	0.07	3.80E-04	3.02E-03	4.37E-04	3.21E-03	1.56E-03	0.04	0.22		0.01
28	OPG 6	683306.9	4860023.0		0.08	7.08E-04	6.85E-04	4.77E-06	2.79E-03	6.90E-04	5.72E-03	2.23E-04	5.79E-03	0.07	3.92E-04	3.02E-03	5.81E-04	3.28E-03	1.57E-03	0.05	0.22		0.01
29	OPG 7	683718.6	4859915.8		0.08	6.87E-04	5.47E-04	3.81E-06	2.78E-03	6.73E-04	5.57E-03	1.78E-04	5.52E-03	0.07	3.82E-04	3.02E-03	4.64E-04	3.23E-03	1.56E-03	0.04	0.22		0.01
30	OPG 8	682702.0	4859998.6		0.08	7.29E-04	8.18E-04	5.69E-06	2.80E-03	7.07E-04	5.87E-03	2.67E-04	6.04E-03	0.07	4.02E-04	3.03E-03	6.94E-04	3.33E-03	1.57E-03	0.05	0.22		0.01
31	OPG 9	684347.7	4861184.6		0.08	6.95E-04	5.96E-04	4.15E-06	2.79E-03	6.79E-04	5.62E-03	1.94E-04	5.62E-03	0.07	3.85E-04	3.02E-03	5.06E-04	3.25E-03	1.56E-03	0.05	0.22		0.01
32	OPG 10	682157.2	4861228.2		0.08	7.69E-04	1.08E-03	7.52E-06	2.81E-03	7.40E-04	6.15E-03	3.52E-04	6.54E-03	0.07	4.21E-04	3.03E-03	9.16E-04	3.43E-03	1.58E-03	0.05	0.22		0.01
33	St. Mary's 1	684557.0	4861070.0		0.08	6.98E-04	6.19E-04	4.30E-06	2.79E-03	6.82E-04	5.65E-03	2.02E-04	5.66E-03	0.07	3.87E-04	3.02E-03	5.25E-04	3.25E-03	1.57E-03	0.05	0.22		0.01
34	St. Mary's 2	684657.3	4861320.8		0.08	6.85E-04	5.35E-04	3.72E-06	2.78E-03	6.71E-04	5.56E-03	1.74E-04	5.50E-03	0.07	3.81E-04	3.02E-03	4.53E-04	3.22E-03	1.56E-03	0.04	0.22		0.01
35	St. Mary's 3	684905.3	4861154.4		0.08	6.96E-04	6.06E-04	4.22E-06	2.79E-03	6.80E-04	5.63E-03	1.98E-04	5.64E-03	0.07	3.86E-04	3.02E-03	5.14E-04	3.25E-03	1.56E-03	0.05	0.22		0.01
36	Court. Subdivision 1	677328.4	4862976.1		0.08	6.98E-04	6.19E-04	4.30E-06	2.79E-03	6.82E-04	5.65E-03	2.02E-04	5.66E-03	0.07	3.87E-04	3.02E-03	5.25E-04	3.25E-03	1.57E-03	0.05	0.22		0.01
37	Court. Subdivision 2	676187.9	4862611.1		0.08	6.78E-04	4.83E-04	3.36E-06	2.78E-03	6.65E-04	5.50E-03	1.57E-04	5.40E-03	0.07	3.77E-04	3.02E-03	4.09E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
38	Court. Subdivision 3	675974.8	4863484.1		0.08	6.53E-04	3.18E-04	2.22E-06	2.77E-03	6.44E-04	5.32E-03	1.04E-04	5.09E-03	0.07	3.65E-04	3.02E-03	2.70E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
39	Court. Subdivision 4	676606.1	4863214.1		0.08	6.76E-04	4.73E-04	3.29E-06	2.78E-03	6.64E-04	5.49E-03	1.54E-04	5.39E-03	0.07	3.76E-04	3.02E-03	4.01E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
40	Court. Subdivision 5	676827.1	4863591.4		0.08	7.01E-04	6.35E-04	4.42E-06	2.79E-03	6.84E-04	5.67E-03	2.07E-04	5.69E-03	0.07	3.88E-04	3.02E-03	5.39E-04	3.26E-03	1.57E-03	0.05	0.22		0.01
41	Court. Subdivision 6	677200.4	4864074.9		0.08	6.93E-04	5.83E-04	4.06E-06	2.79E-03	6.78E-04	5.61E-03	1.90E-04	5.59E-03	0.07	3.84E-04	3.02E-03	4.95E-04	3.24E-03	1.56E-03	0.04	0.22		0.01
42	Court. Subdivision 7	677719.8	4863625.1		0.08	6.93E-04	5.84E-04	4.06E-06	2.79E-03	6.78E-04	5.61E-03	1.90E-04	5.59E-03	0.07	3.84E-04	3.02E-03	4.95E-04	3.24E-03	1.56E-03	0.04	0.22		0.01
43	Court. Subdivision 8	678271.6	4864200.6		0.08	6.88E-04	5.53E-04	3.85E-06	2.79E-03	6.74E-04	5.58E-03	1.80E-04	5.54E-03	0.07	3.82E-04	3.02E-03	4.69E-04	3.23E-03	1.56E-03	0.04	0.22		0.01
44	Court. Subdivision 9	678184.4	4863373.6		0.08	6.79E-04	4.93E-04	3.43E-06	2.78E-03														

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	0.08	6.04E-04	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05		
55	Bow. Subdivision 10	685266.0	4863243.1		0.08	6.77E-04	4.78E-04	3.33E-06	2.78E-03	6.64E-04	5.50E-03	1.56E-04	5.39E-03	0.07	3.77E-04	3.02E-03	4.05E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
56	Osh/Court Subdivision 1	677396.8	4860977.3		0.08	7.87E-04	1.20E-03	8.36E-06	2.82E-03	7.55E-04	6.28E-03	3.92E-04	6.76E-03	0.07	4.29E-04	3.03E-03	1.02E-03	3.48E-03	1.58E-03	0.05	0.22		0.01
57	Osh/Court Subdivision 2	676633.5	4860816.8		0.08	6.82E-04	5.10E-04	3.55E-06	2.78E-03	6.68E-04	5.53E-03	1.66E-04	5.45E-03	0.07	3.79E-04	3.02E-03	4.32E-04	3.21E-03	1.56E-03	0.04	0.22		0.01
58	Osh/Court Subdivision 3	676916.0	4861925.0		0.08	7.01E-04	6.37E-04	4.43E-06	2.79E-03	6.84E-04	5.67E-03	2.08E-04	5.69E-03	0.07	3.88E-04	3.02E-03	5.40E-04	3.26E-03	1.57E-03	0.05	0.22		0.01
59	Osh/Court Subdivision 4	676730.5	4861317.1		0.08	7.20E-04	7.59E-04	5.28E-06	2.80E-03	7.00E-04	5.80E-03	2.48E-04	5.93E-03	0.07	3.97E-04	3.02E-03	6.44E-04	3.31E-03	1.57E-03	0.05	0.22		0.01
60	Osh/Court Subdivision 5	676087.2	4861392.3		0.08	6.98E-04	6.17E-04	4.29E-06	2.79E-03	6.82E-04	5.65E-03	2.01E-04	5.66E-03	0.07	3.87E-04	3.02E-03	5.23E-04	3.25E-03	1.57E-03	0.05	0.22		0.01
61	Osh/Court Subdivision 6	676177.1	4861722.2		0.08	6.76E-04	4.75E-04	3.30E-06	2.78E-03	6.64E-04	5.49E-03	1.55E-04	5.39E-03	0.07	3.77E-04	3.02E-03	4.03E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
62	Osh/Court Subdivision 7	675670.7	4861783.2		0.08	6.68E-04	4.23E-04	2.94E-06	2.78E-03	6.57E-04	5.44E-03	1.38E-04	5.29E-03	0.07	3.73E-04	3.02E-03	3.58E-04	3.18E-03	1.56E-03	0.04	0.22		0.01
63	Osh/Court Subdivision 8	676050.8	4862055.7		0.08	6.87E-04	5.43E-04	3.78E-06	2.78E-03	6.73E-04	5.57E-03	1.77E-04	5.52E-03	0.07	3.82E-04	3.02E-03	4.61E-04	3.22E-03	1.56E-03	0.04	0.22		0.01
64	Osh/Court Subdivision 9	676636.9	4862134.3		0.08	6.99E-04	6.23E-04	4.34E-06	2.79E-03	6.83E-04	5.65E-03	2.03E-04	5.67E-03	0.07	3.87E-04	3.02E-03	5.29E-04	3.26E-03	1.57E-03	0.05	0.22		0.01
65	Osh/Court Subdivision 10	676571.3	4861634.8		0.08	6.86E-04	5.36E-04	3.73E-06	2.78E-03	6.72E-04	5.56E-03	1.75E-04	5.50E-03	0.07	3.81E-04	3.02E-03	4.54E-04	3.22E-03	1.56E-03	0.04	0.22		0.01
66	Bow. Subdivision 11	684649.2	4863182.7		0.08	6.79E-04	4.95E-04	3.44E-06	2.78E-03	6.66E-04	5.51E-03	1.61E-04	5.43E-03	0.07	3.78E-04	3.02E-03	4.20E-04	3.21E-03	1.56E-03	0.04	0.22		0.01
67	Daycare B	685172.4	4863933.1		0.08	6.55E-04	3.32E-04	2.31E-06	2.77E-03	6.46E-04	5.34E-03	1.08E-04	5.12E-03	0.07	3.66E-04	3.02E-03	2.81E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
68	Daycare C	685452.0	4863104.4		0.08	6.75E-04	4.68E-04	3.25E-06	2.78E-03	6.63E-04	5.48E-03	1.52E-04	5.37E-03	0.07	3.76E-04	3.02E-03	3.96E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
69	Daycare D	685527.7	4864693.3		0.08	6.72E-04	4.49E-04	3.12E-06	2.78E-03	6.61E-04	5.46E-03	1.46E-04	5.34E-03	0.07	3.75E-04	3.02E-03	3.81E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
70	Daycare E	685735.4	4864790.8		0.08	6.67E-04	4.15E-04	2.89E-06	2.78E-03	6.56E-04	5.43E-03	1.35E-04	5.28E-03	0.07	3.72E-04	3.02E-03	3.52E-04	3.18E-03	1.56E-03	0.04	0.22		0.01
71	Daycare F	685520.3	4864854.3		0.08	6.73E-04	4.54E-04	3.16E-06	2.78E-03	6.61E-04	5.47E-03	1.48E-04	5.35E-03	0.07	3.75E-04	3.02E-03	3.85E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
72	Daycare G	685441.9	4864878.0		0.08	6.72E-04	4.43E-04	3.08E-06	2.78E-03	6.60E-04	5.46E-03	1.44E-04	5.33E-03	0.07	3.74E-04	3.02E-03	3.76E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
73	Daycare H	686364.8	4864707.8		0.08	6.46E-04	2.72E-04	1.89E-06	2.77E-03	6.38E-04	5.27E-03	8.88E-05	5.00E-03	0.07	3.62E-04	3.02E-03	2.31E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
74	Daycare I	685721.6	4865127.3		0.08	6.67E-04	4.12E-04	2.87E-06	2.78E-03	6.56E-04	5.42E-03	1.34E-04	5.27E-03	0.07	3.72E-04	3.02E-03	3.49E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
75	Daycare J	678256.3	4863565.4		0.08	6.64E-04	3.97E-04	2.76E-06	2.78E-03	6.54E-04	5.41E-03	1.29E-04	5.24E-03	0.07	3.71E-04	3.02E-03	3.36E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
76	Daycare K	677694.1	4864043.7		0.08	6.62E-04	3.79E-04	2.63E-06	2.78E-03	6.52E-04	5.39E-03	1.23E-04	5.21E-03	0.07	3.70E-04	3.02E-03	3.21E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
77	Daycare L	676479.5	4862526.2		0.08	6.84E-04	5.26E-04	3.66E-06	2.78E-03	6.70E-04	5.55E-03	1.71E-04	5.48E-03	0.07	3.80E-04	3.02E-03	4.46E-04	3.22E-03	1.56E-03	0.04	0.22		0.01
78	Daycare M	678320.9	4864763.5		0.08	6.62E-04	3.78E-04	2.63E-06	2.78E-03	6.52E-04	5.39E-03	1.23E-04	5.20E-03	0.07	3.69E-04	3.02E-03	3.20E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
79	Daycare N	678513.4	4865058.0		0.08	6.55E-04	3.33E-04	2.32E-06	2.77E-03	6.46E-04	5.34E-03	1.09E-04	5.12E-03	0.07	3.66E-04	3.02E-03	2.82E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
80	Daycare O	672788.7	4863936.6		0.08	6.39E-04	2.30E-04	1.60E-06	2.77E-03	6.33E-04	5.23E-03	7.49E-05	4.92E-03	0.07	3.59E-04	3.02E-03	1.95E-04	3.10E-03	1.56E-03	0.04	0.21		0.01
81	Daycare P	673952.8	4863592.5		0.08	6.44E-04	2.59E-04	1.80E-06	2.77E-03	6.37E-04	5.26E-03	8.45E-05	4.98E-03	0.07	3.61E-04	3.02E-03	2.20E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
82	Daycare Q	671751.8	4864887.7		0.08	6.39E-04	2.27E-04	1.58E-06	2.77E-03	6.33E-04	5.22E-03	7.40E-05	4.92E-03	0.07	3.58E-04	3.02E-03	1.92E-04	3.10E-03	1.56E-03	0.04	0.21		0.01
83	Daycare R	685714.4	4864667.4		0.08	6.64E-04	3.94E-04	2.74E-06	2.78E-03	6.54E-04	5.40E-03	1.28E-04	5.23E-03	0.07	3.71E-04	3.02E-03	3.34E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
84	Daycare S	684177.9	4863618.2		0.08	6.99E-04	6.24E-04	4.34E-06	2.79E-03	6.83E-04	5.65E-03	2.03E-04	5.67E-03	0.07	3.87E-04	3.02E-03	5.29E-04	3.26E-03	1.57E-03	0.05	0.22		0.01
85	Daycare T	678423.6	4864480.4		0.08	6.61E-04	3.75E-04	2.61E-06	2.78E-03	6.51E-04	5.38E-03	1.22E-04	5.20E-03	0.07	3.69E-04	3.02E-03	3.18E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
86	Daycare U	685330.5	4863435.1		0.08	6.72E-04	4.46E-04	3.11E-06	2.78E-03	6.60E-04	5.46E-03	1.46E-04	5.33E-03	0.07	3.74E-04	3.02E-03	3.79E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
87	Daycare V	685153.2	4863236.9		0.08	6.72E-04	4.48E-04	3.12E-06	2.78E-03	6.61E-04	5.46E-03	1.46E-04	5.34E-03	0.07	3.75E-04	3.02E-03	3.80E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
88	Daycare W	672679.0	4862044.9		0.08	6.42E-04	2.51E-04	1.74E-06	2.77E-03	6.36E-04	5.25E-03	8.17E-05	4.96E-03	0.07	3.60E-04	3.02E-03	2.12E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
89	Daycare X	672076.5	4865285.8		0.08	6.40E-04	2.34E-04	1.63E-06	2.77E-03	6.34E-04	5.23E-03	7.65E-05	4.93E-03	0.07	3.59E-04	3.02E-03	1.99E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
90	Daycare Y	672638.0	4859664.4		0.08	6.42E-04	2.52E-04	1.75E-06	2.77E-03	6.36E-04	5.25E-03	8.21E-05	4.97E-03	0.07	3.60E-04	3.02E-03	2.13E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
91	Daycare Z	673735.9	4858958.0		0.08	6.85E-04	5.32E-04	3.70E-06	2.78E-03	6.71E-04	5.55E-03	1.73E-04	5.50E-03	0.07	3.81E-04	3.02E-03	4.51E-04	3.22E-03	1.56E-03	0.04	0.22		0.01
92	Daycare AA	673121.8	4863385.9		0.08	6.44E-04	2.62E-04	1.82E-06	2.77E-03	6.37E-04	5.26E-03	8.55E-05	4.99E-03	0.07	3.61E-04	3.02E-03	2.22E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
93	Daycare BB	673904.8	4862282.2		0.08	6.45E-04	2.72E-04	1.89E-06	2.77E-03	6.38E-04	5.27E-03	8.86E-05	5.00E-03	0.07	3.62E-04	3.02E-03	2.30E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
94	Daycare CC	671471.6	4861795.3		0.08	6.33E-04	1.89E-04	1.32E-06	2.77E-03	6.28E-04	5.18E-03	6.17E-05	4.85E-03	0.07	3.56E-04	3.02E-03	1.60E-04	3.09E-03	1.55E-03	0.04	0.21		0.01
95	Daycare DD	673057.3	4862625.6		0.08	6.40E-04	2.36E-04	1.64E-06	2.77E-03	6.34E-04	5.23E-03	7.69E-05	4.94E-03	0.07	3.59E-04	3.02E-03	2.00E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
96	Daycare EE	674917.1	4863957.2		0.08	6.49E-04	2.92E-04	2.03E-06	2.77E-03	6.41E-04	5.29E-03	9.53E-05	5.04E-03	0.07	3.63E-04	3.02E-03	2.48E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
97	Daycare FF	671356.6	4862954.4		0.08	6.37E-04	2.15E-04	1.49E-06	2.77E-03	6.31E-04	5.21E-03	7.00E-05	4.89E-03	0.07	3.58E-04	3.02E-03	1.82E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
98	Daycare GG	671675.5	4862705.8		0.08	6.37E-04	2.19E-04	1.52E-06	2.77E														

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	0.08	6.04E-04	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05		
109	Hospital (Children's)	676057.8	4862180.9		0.08	6.91E-04	5.72E-04	3.98E-06	2.79E-03	6.76E-04	5.60E-03	1.86E-04	5.57E-03	0.07	3.84E-04	3.02E-03	4.85E-04	3.24E-03	1.56E-03	0.04	0.22		0.01
110	Hospital	671233.2	4863615.9		0.08	6.31E-04	1.79E-04	1.25E-06	2.77E-03	6.27E-04	5.17E-03	5.84E-05	4.83E-03	0.07	3.55E-04	3.02E-03	1.52E-04	3.09E-03	1.55E-03	0.04	0.21		0.01
111	Comm. Resp. Services	676045.4	4863902.5		0.08	6.79E-04	4.94E-04	3.43E-06	2.78E-03	6.66E-04	5.51E-03	1.61E-04	5.42E-03	0.07	3.78E-04	3.02E-03	4.19E-04	3.21E-03	1.56E-03	0.04	0.22		0.01
112	Hospital	671712.7	4862364.1		0.08	6.36E-04	2.08E-04	1.45E-06	2.77E-03	6.30E-04	5.20E-03	6.79E-05	4.88E-03	0.07	3.57E-04	3.02E-03	1.77E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
113	Retirement Residence A	684199.9	4864120.3		0.08	6.77E-04	4.79E-04	3.33E-06	2.78E-03	6.64E-04	5.50E-03	1.56E-04	5.40E-03	0.07	3.77E-04	3.02E-03	4.06E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
114	Retirement Residence B	685483.9	4865150.9		0.08	6.62E-04	3.82E-04	2.66E-06	2.78E-03	6.52E-04	5.39E-03	1.24E-04	5.21E-03	0.07	3.70E-04	3.02E-03	3.24E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
115	Retirement Residence C	686844.0	4864732.1		0.08	6.51E-04	3.10E-04	2.16E-06	2.77E-03	6.43E-04	5.31E-03	1.01E-04	5.08E-03	0.07	3.65E-04	3.02E-03	2.63E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
116	Retirement Residence D	673481.7	4863343.4		0.08	6.47E-04	2.84E-04	1.98E-06	2.77E-03	6.40E-04	5.29E-03	9.27E-05	5.03E-03	0.07	3.63E-04	3.02E-03	2.41E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
117	Retirement Residence E	671825.2	4864399.0		0.08	6.36E-04	2.12E-04	1.48E-06	2.77E-03	6.31E-04	5.21E-03	6.93E-05	4.89E-03	0.07	3.57E-04	3.02E-03	1.80E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
118	Retirement Residence F	671606.3	4864536.0		0.08	6.37E-04	2.15E-04	1.49E-06	2.77E-03	6.31E-04	5.21E-03	7.01E-05	4.90E-03	0.07	3.58E-04	3.02E-03	1.82E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
119	Retirement Residence G	671357.1	4862958.7		0.08	6.37E-04	2.14E-04	1.49E-06	2.77E-03	6.31E-04	5.21E-03	6.99E-05	4.89E-03	0.07	3.58E-04	3.02E-03	1.82E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
120	Retirement Residence H	671514.0	4862262.9		0.08	6.37E-04	2.18E-04	1.52E-06	2.77E-03	6.32E-04	5.21E-03	7.12E-05	4.90E-03	0.07	3.58E-04	3.02E-03	1.85E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
121	Retirement Residence I	672602.2	4863075.9		0.08	6.36E-04	2.12E-04	1.47E-06	2.77E-03	6.31E-04	5.21E-03	6.91E-05	4.89E-03	0.07	3.57E-04	3.02E-03	1.80E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
122	Retirement Residence J	671719.1	4862893.1		0.08	6.37E-04	2.17E-04	1.51E-06	2.77E-03	6.32E-04	5.21E-03	7.09E-05	4.90E-03	0.07	3.58E-04	3.02E-03	1.84E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
123	Retirement Residence K	686718.0	4865648.7		0.08	6.53E-04	3.20E-04	2.22E-06	2.77E-03	6.44E-04	5.32E-03	1.04E-04	5.09E-03	0.07	3.65E-04	3.02E-03	2.71E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
124	Retirement Residence L	676168.7	4865669.9		0.08	6.52E-04	3.17E-04	2.21E-06	2.77E-03	6.44E-04	5.32E-03	1.03E-04	5.09E-03	0.07	3.65E-04	3.02E-03	2.69E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
125	Retirement Residence M	676118.5	4863980.7		0.08	6.84E-04	5.28E-04	3.67E-06	2.78E-03	6.71E-04	5.55E-03	1.72E-04	5.49E-03	0.07	3.80E-04	3.02E-03	4.47E-04	3.22E-03	1.56E-03	0.04	0.22		0.01
126	Bow. Subdivision 12	684649.2	4863182.7		0.08	6.79E-04	4.95E-04	3.44E-06	2.78E-03	6.66E-04	5.51E-03	1.61E-04	5.43E-03	0.07	3.78E-04	3.02E-03	4.20E-04	3.21E-03	1.56E-03	0.04	0.22		0.01
127	Primary School B	685384.8	4863575.3		0.08	6.72E-04	4.49E-04	3.13E-06	2.78E-03	6.61E-04	5.46E-03	1.47E-04	5.34E-03	0.07	3.75E-04	3.02E-03	3.81E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
128	Primary School C	685021.6	4863952.9		0.08	6.54E-04	3.26E-04	2.27E-06	2.77E-03	6.45E-04	5.33E-03	1.06E-04	5.11E-03	0.07	3.66E-04	3.02E-03	2.77E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
129	Primary School D	686237.0	4864085.5		0.08	6.62E-04	3.79E-04	2.64E-06	2.78E-03	6.52E-04	5.39E-03	1.24E-04	5.21E-03	0.07	3.70E-04	3.02E-03	3.22E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
130	Primary School E	686719.0	4863734.7		0.08	6.62E-04	3.79E-04	2.64E-06	2.78E-03	6.52E-04	5.39E-03	1.24E-04	5.21E-03	0.07	3.70E-04	3.02E-03	3.22E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
131	Primary School F	686357.0	4864754.9		0.08	6.43E-04	2.59E-04	1.80E-06	2.77E-03	6.37E-04	5.26E-03	8.43E-05	4.98E-03	0.07	3.61E-04	3.02E-03	2.19E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
132	Primary School G	685502.0	4865013.4		0.08	6.67E-04	4.16E-04	2.89E-06	2.78E-03	6.56E-04	5.43E-03	1.36E-04	5.28E-03	0.07	3.72E-04	3.02E-03	3.53E-04	3.18E-03	1.56E-03	0.04	0.22		0.01
133	Primary School H	686726.7	4866061.5		0.08	6.50E-04	3.04E-04	2.12E-06	2.77E-03	6.42E-04	5.31E-03	9.93E-05	5.06E-03	0.07	3.64E-04	3.02E-03	2.58E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
134	Primary School I	685186.2	4866568.2		0.08	6.47E-04	2.81E-04	1.96E-06	2.77E-03	6.40E-04	5.28E-03	9.17E-05	5.02E-03	0.07	3.62E-04	3.02E-03	2.38E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
135	Primary School J	685965.3	4866979.0		0.08	6.46E-04	2.77E-04	1.93E-06	2.77E-03	6.39E-04	5.28E-03	9.04E-05	5.01E-03	0.07	3.62E-04	3.02E-03	2.35E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
136	Primary School K	677709.9	4864726.5		0.08	6.54E-04	3.31E-04	2.30E-06	2.77E-03	6.46E-04	5.34E-03	1.08E-04	5.11E-03	0.07	3.66E-04	3.02E-03	2.80E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
137	Primary School L	675988.3	4864270.2		0.08	6.94E-04	5.89E-04	4.10E-06	2.79E-03	6.78E-04	5.62E-03	1.92E-04	5.60E-03	0.07	3.85E-04	3.02E-03	4.99E-04	3.24E-03	1.56E-03	0.04	0.22		0.01
138	Primary School M	676608.7	4862739.0		0.08	6.63E-04	3.84E-04	2.67E-06	2.78E-03	6.52E-04	5.39E-03	1.25E-04	5.22E-03	0.07	3.70E-04	3.02E-03	3.25E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
139	Primary School N	677222.2	4863759.1		0.08	7.10E-04	6.96E-04	4.84E-06	2.79E-03	6.92E-04	5.73E-03	2.27E-04	5.81E-03	0.07	3.93E-04	3.02E-03	5.90E-04	3.28E-03	1.57E-03	0.05	0.22		0.01
140	Primary School O	678154.9	4863872.7		0.08	6.70E-04	4.35E-04	3.02E-06	2.78E-03	6.59E-04	5.45E-03	1.42E-04	5.31E-03	0.07	3.74E-04	3.02E-03	3.68E-04	3.18E-03	1.56E-03	0.04	0.22		0.01
141	Court. Subdivision 12	678309.6	4863600.8		0.08	6.65E-04	3.97E-04	2.77E-06	2.78E-03	6.54E-04	5.41E-03	1.30E-04	5.24E-03	0.07	3.71E-04	3.02E-03	3.37E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
142	Primary School Q	677010.6	4862470.6		0.08	6.77E-04	4.78E-04	3.33E-06	2.78E-03	6.64E-04	5.50E-03	1.56E-04	5.39E-03	0.07	3.77E-04	3.02E-03	4.05E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
143	Primary School R	677431.3	4866694.7		0.08	6.59E-04	3.60E-04	2.50E-06	2.78E-03	6.49E-04	5.37E-03	1.17E-04	5.17E-03	0.07	3.68E-04	3.02E-03	3.05E-04	3.15E-03	1.56E-03	0.04	0.22		0.01
144	Primary School S	675266.2	4863562.9		0.08	6.50E-04	3.02E-04	2.10E-06	2.77E-03	6.42E-04	5.30E-03	9.86E-05	5.06E-03	0.07	3.64E-04	3.02E-03	2.56E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
145	Primary School T	673479.2	4860029.4		0.08	6.46E-04	2.76E-04	1.92E-06	2.77E-03	6.39E-04	5.28E-03	9.01E-05	5.01E-03	0.07	3.62E-04	3.02E-03	2.34E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
146	Primary School U	670856.0	4860710.6		0.08	6.32E-04	1.83E-04	1.27E-06	2.77E-03	6.27E-04	5.18E-03	5.96E-05	4.83E-03	0.07	3.55E-04	3.02E-03	1.55E-04	3.09E-03	1.55E-03	0.04	0.21		0.01
147	Primary School V	672660.2	4863909.2		0.08	6.39E-04	2.27E-04	1.58E-06	2.77E-03	6.33E-04	5.22E-03	7.41E-05	4.92E-03	0.07	3.58E-04	3.02E-03	1.93E-04	3.10E-03	1.56E-03	0.04	0.21		0.01
148	Primary School W	672735.2	4859232.9		0.08	6.75E-04	4.69E-04	3.26E-06	2.78E-03	6.63E-04	5.49E-03	1.53E-04	5.38E-03	0.07	3.76E-04	3.02E-03	3.98E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
149	Primary School X	673575.8	4862688.6		0.08	6.40E-04	2.38E-04	1.66E-06	2.77E-03	6.34E-04	5.24E-03	7.76E-05	4.94E-03	0.07	3.59E-04	3.02E-03	2.02E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
150	Primary School Y	673710.3	4861969.0		0.08	6.55E-04	3.36E-04	2.33E-06	2.77E-03	6.46E-04	5.34E-03	1.09E-04	5.12E-03	0.07	3.66E-04	3.02E-03	2.84E-04	3.15E-03	1.56E-03	0.04	0.21		0.01
151	Primary School Z	672366.0	4859928.1		0.08	6.43E-04	2.56E-04	1.78E-06	2.77E-03	6.36E-04	5.25E-03	8.36E-05	4.97E-03	0.07	3.61E-04	3.02E-03	2.17E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
152	Primary School AA	672561.7	4866047.1		0.08	6.42E-04	2.47E-04	1.7															



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	0.08	6.04E-04	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05		
163	Primary School LL	673762.3	4864210.6		0.08	6.40E-04	2.37E-04	1.65E-06	2.77E-03	6.34E-04	5.23E-03	7.74E-05	4.94E-03	0.07	3.59E-04	3.02E-03	2.01E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
164	Primary School MM	672238.8	4864621.3		0.08	6.39E-04	2.27E-04	1.58E-06	2.77E-03	6.33E-04	5.22E-03	7.40E-05	4.92E-03	0.07	3.58E-04	3.02E-03	1.92E-04	3.10E-03	1.56E-03	0.04	0.21		0.01
165	Primary School NN	673213.6	4858677.0		0.08	6.54E-04	3.30E-04	2.30E-06	2.77E-03	6.46E-04	5.34E-03	1.08E-04	5.11E-03	0.07	3.66E-04	3.02E-03	2.80E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
166	Primary School OO	675474.8	4863221.7		0.08	6.58E-04	3.57E-04	2.48E-06	2.78E-03	6.49E-04	5.36E-03	1.16E-04	5.16E-03	0.07	3.68E-04	3.02E-03	3.03E-04	3.15E-03	1.56E-03	0.04	0.22		0.01
167	Primary School PP	672441.8	4858748.6		0.08	6.67E-04	4.12E-04	2.86E-06	2.78E-03	6.56E-04	5.42E-03	1.34E-04	5.27E-03	0.07	3.72E-04	3.02E-03	3.49E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
168	Primary School QQ	672796.8	4864438.2		0.08	6.37E-04	2.19E-04	1.52E-06	2.77E-03	6.32E-04	5.21E-03	7.14E-05	4.90E-03	0.07	3.58E-04	3.02E-03	1.86E-04	3.10E-03	1.56E-03	0.04	0.21		0.01
169	Primary School RR	671351.4	4863284.0		0.08	6.35E-04	2.01E-04	1.40E-06	2.77E-03	6.29E-04	5.19E-03	6.55E-05	4.87E-03	0.07	3.57E-04	3.02E-03	1.70E-04	3.09E-03	1.55E-03	0.04	0.21		0.01
170	Primary School SS	673213.9	4862125.5		0.08	6.46E-04	2.78E-04	1.93E-06	2.77E-03	6.39E-04	5.28E-03	9.06E-05	5.01E-03	0.07	3.62E-04	3.02E-03	2.36E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
171	Primary School TT	671017.9	4860953.7		0.08	6.29E-04	1.60E-04	1.11E-06	2.77E-03	6.24E-04	5.15E-03	5.23E-05	4.79E-03	0.07	3.54E-04	3.02E-03	1.36E-04	3.08E-03	1.55E-03	0.04	0.21		0.01
172	Primary School UU	670991.0	4861089.8		0.08	6.27E-04	1.51E-04	1.05E-06	2.77E-03	6.23E-04	5.14E-03	4.92E-05	4.77E-03	0.07	3.53E-04	3.02E-03	1.28E-04	3.07E-03	1.55E-03	0.04	0.21		0.01
173	Primary School VV	674150.1	4862294.8		0.08	6.46E-04	2.77E-04	1.93E-06	2.77E-03	6.39E-04	5.28E-03	9.04E-05	5.01E-03	0.07	3.62E-04	3.02E-03	2.35E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
174	Primary School WW	672005.2	4861707.9		0.08	6.36E-04	2.11E-04	1.47E-06	2.77E-03	6.31E-04	5.21E-03	6.88E-05	4.89E-03	0.07	3.57E-04	3.02E-03	1.79E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
175	Primary School XX	684172.1	4863615.6		0.08	7.01E-04	6.36E-04	4.43E-06	2.79E-03	6.84E-04	5.67E-03	2.07E-04	5.69E-03	0.07	3.88E-04	3.02E-03	5.39E-04	3.26E-03	1.57E-03	0.05	0.22		0.01
176	Primary School YY	683923.3	4866636.4		0.08	6.61E-04	3.72E-04	2.59E-06	2.78E-03	6.51E-04	5.38E-03	1.21E-04	5.19E-03	0.07	3.69E-04	3.02E-03	3.16E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
177	Primary School ZZ	680446.0	4865770.5		0.08	6.44E-04	2.65E-04	1.84E-06	2.77E-03	6.37E-04	5.26E-03	8.63E-05	4.99E-03	0.07	3.61E-04	3.02E-03	2.24E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
178	Vacant School	685612.9	4864520.0		0.08	6.58E-04	3.56E-04	2.48E-06	2.78E-03	6.49E-04	5.36E-03	1.16E-04	5.16E-03	0.07	3.68E-04	3.02E-03	3.02E-04	3.15E-03	1.56E-03	0.04	0.22		0.01
179	Secondary School A	686291.4	4865064.3		0.08	6.50E-04	3.03E-04	2.10E-06	2.77E-03	6.42E-04	5.31E-03	9.87E-05	5.06E-03	0.07	3.64E-04	3.02E-03	2.57E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
180	Secondary School B	683875.0	4864741.7		0.08	6.99E-04	6.21E-04	4.32E-06	2.79E-03	6.82E-04	5.65E-03	2.03E-04	5.66E-03	0.07	3.87E-04	3.02E-03	5.27E-04	3.25E-03	1.57E-03	0.05	0.22		0.01
181	Secondary School C	684650.3	4866460.3		0.08	6.49E-04	2.95E-04	2.05E-06	2.77E-03	6.41E-04	5.30E-03	9.62E-05	5.05E-03	0.07	3.63E-04	3.02E-03	2.50E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
182	Secondary School D	678099.5	4864838.2		0.08	6.64E-04	3.95E-04	2.75E-06	2.78E-03	6.54E-04	5.41E-03	1.29E-04	5.24E-03	0.07	3.71E-04	3.02E-03	3.35E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
183	Secondary School E	678467.0	4863431.2		0.08	6.73E-04	4.55E-04	3.17E-06	2.78E-03	6.61E-04	5.47E-03	1.48E-04	5.35E-03	0.07	3.75E-04	3.02E-03	3.86E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
184	Secondary School F	674144.9	4862762.7		0.08	6.44E-04	2.62E-04	1.82E-06	2.77E-03	6.37E-04	5.26E-03	8.54E-05	4.98E-03	0.07	3.61E-04	3.02E-03	2.22E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
185	Secondary School G	673816.0	4864357.1		0.08	6.42E-04	2.52E-04	1.75E-06	2.77E-03	6.36E-04	5.25E-03	8.20E-05	4.96E-03	0.07	3.60E-04	3.02E-03	2.13E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
186	Secondary School H	673145.4	4858569.0		0.08	6.55E-04	3.38E-04	2.35E-06	2.77E-03	6.47E-04	5.34E-03	1.10E-04	5.13E-03	0.07	3.67E-04	3.02E-03	2.86E-04	3.15E-03	1.56E-03	0.04	0.21		0.01
187	Secondary School I	671291.7	4863581.3		0.08	6.32E-04	1.84E-04	1.28E-06	2.77E-03	6.27E-04	5.18E-03	6.00E-05	4.84E-03	0.07	3.55E-04	3.02E-03	1.56E-04	3.09E-03	1.55E-03	0.04	0.21		0.01
188	Secondary School J	671443.2	4861664.9		0.08	6.31E-04	1.75E-04	1.22E-06	2.77E-03	6.26E-04	5.17E-03	5.70E-05	4.82E-03	0.07	3.55E-04	3.02E-03	1.48E-04	3.08E-03	1.55E-03	0.04	0.21		0.01
189	Secondary School K	673235.3	4860885.0		0.08	6.35E-04	2.00E-04	1.39E-06	2.77E-03	6.29E-04	5.19E-03	6.54E-05	4.87E-03	0.07	3.57E-04	3.02E-03	1.70E-04	3.09E-03	1.55E-03	0.04	0.21		0.01
190	Secondary School L	684252.7	4866500.5		0.08	6.54E-04	3.31E-04	2.30E-06	2.77E-03	6.46E-04	5.34E-03	1.08E-04	5.12E-03	0.07	3.66E-04	3.02E-03	2.81E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
191	Secondary School M	673914.1	4859551.7		0.08	6.67E-04	4.15E-04	2.88E-06	2.78E-03	6.56E-04	5.43E-03	1.35E-04	5.27E-03	0.07	3.72E-04	3.02E-03	3.52E-04	3.18E-03	1.56E-03	0.04	0.22		0.01
192	Secondary School N	675051.5	4864177.2		0.08	6.49E-04	2.92E-04	2.03E-06	2.77E-03	6.41E-04	5.29E-03	9.52E-05	5.04E-03	0.07	3.63E-04	3.02E-03	2.47E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
193	Adult School	685276.1	4866019.8		0.08	6.57E-04	3.44E-04	2.40E-06	2.78E-03	6.47E-04	5.35E-03	1.12E-04	5.14E-03	0.07	3.67E-04	3.02E-03	2.92E-04	3.15E-03	1.56E-03	0.04	0.22		0.01
194	Bow. Valley Cons. 1	685356.6	4864521.2		0.08	6.68E-04	4.18E-04	2.91E-06	2.78E-03	6.57E-04	5.43E-03	1.36E-04	5.28E-03	0.07	3.72E-04	3.02E-03	3.54E-04	3.18E-03	1.56E-03	0.04	0.22		0.01
195	Bow. Valley Cons. 2	685627.7	4864167.8		0.08	6.52E-04	3.14E-04	2.18E-06	2.77E-03	6.44E-04	5.32E-03	1.02E-04	5.08E-03	0.07	3.65E-04	3.02E-03	2.66E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
196	Bow. Valley Cons. 4	685852.7	4863640.2		0.08	6.65E-04	4.01E-04	2.79E-06	2.78E-03	6.55E-04	5.41E-03	1.31E-04	5.25E-03	0.07	3.71E-04	3.02E-03	3.40E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
197	Bow. Valley Cons. 5	686163.1	4863621.5		0.08	6.70E-04	4.34E-04	3.02E-06	2.78E-03	6.59E-04	5.45E-03	1.42E-04	5.31E-03	0.07	3.74E-04	3.02E-03	3.68E-04	3.18E-03	1.56E-03	0.04	0.22		0.01
198	Bow. Valley Cons. 6	685931.9	4863380.6		0.08	6.66E-04	4.05E-04	2.82E-06	2.78E-03	6.55E-04	5.42E-03	1.32E-04	5.26E-03	0.07	3.71E-04	3.02E-03	3.43E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
199	Maple Grove 1	681688.5	4864717.0		0.08	6.62E-04	3.78E-04	2.63E-06	2.78E-03	6.52E-04	5.39E-03	1.23E-04	5.20E-03	0.07	3.69E-04	3.02E-03	3.20E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
200	Maple Grove 2	681768.9	4864631.8		0.08	6.67E-04	4.16E-04	2.90E-06	2.78E-03	6.57E-04	5.43E-03	1.36E-04	5.28E-03	0.07	3.72E-04	3.02E-03	3.53E-04	3.18E-03	1.56E-03	0.04	0.22		0.01
201	Maple Grove 3	681894.9	4864506.8		0.08	6.65E-04	4.02E-04	2.80E-06	2.78E-03	6.55E-04	5.41E-03	1.31E-04	5.25E-03	0.07	3.71E-04	3.02E-03	3.41E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
202	Maple Grove 4	681974.8	4864443.2		0.08	6.74E-04	4.58E-04	3.19E-06	2.78E-03	6.62E-04	5.47E-03	1.49E-04	5.36E-03	0.07	3.75E-04	3.02E-03	3.89E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
203	Maple Grove 5	681942.2	4864676.7		0.08	6.63E-04	3.86E-04	2.69E-06	2.78E-03	6.53E-04	5.40E-03	1.26E-04	5.22E-03	0.07	3.70E-04	3.02E-03	3.27E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
204	Maple Grove 6	682053.2	4864586.2		0.08	6.71E-04	4.38E-04	3.05E-06	2.78E-03	6.59E-04	5.45E-03	1.43E-04	5.32E-03	0.07	3.74E-04	3.02E-03	3.72E-04	3.18E-03	1.56E-03	0.04	0.22		0.01
205	Maple Grove 7	682168.5	4864631.3		0.08	6.73E-04	4.51E-04	3.14E-06	2.78E-03	6.61E-04	5.47E-03	1.47E-04	5.34E-03	0.07	3.75E-04	3.02E-03	3.82E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
206	Maple Grove 8	682261.7	4864520.9		0.08	6.82E-04																	

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	0.08	6.04E-04	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05		
217	Port Darlington 9	686867.4	4862119.7		0.08	6.59E-04	3.62E-04	2.52E-06	2.78E-03	6.50E-04	5.37E-03	1.18E-04	5.17E-03	0.07	3.68E-04	3.02E-03	3.07E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
218	Port Darlington 10	687190.7	4862048.8		0.08	6.56E-04	3.41E-04	2.37E-06	2.77E-03	6.47E-04	5.35E-03	1.11E-04	5.13E-03	0.07	3.67E-04	3.02E-03	2.89E-04	3.15E-03	1.56E-03	0.04	0.22		0.01
219	Port Darlington 11	687524.4	4862126.8		0.08	6.53E-04	3.24E-04	2.25E-06	2.77E-03	6.45E-04	5.33E-03	1.06E-04	5.10E-03	0.07	3.66E-04	3.02E-03	2.75E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
220	Campground 1	678646.3	4860337.7		0.08	7.86E-04	1.20E-03	8.33E-06	2.82E-03	7.55E-04	6.28E-03	3.91E-04	6.76E-03	0.07	4.29E-04	3.03E-03	1.02E-03	3.48E-03	1.58E-03	0.05	0.22		0.01
221	Campground 2	678410.2	4860148.6		0.08	8.04E-04	1.31E-03	9.14E-06	2.82E-03	7.70E-04	6.40E-03	4.28E-04	6.98E-03	0.07	4.38E-04	3.03E-03	1.11E-03	3.52E-03	1.58E-03	0.05	0.22		0.01
222	Campground 3	678651.0	4860054.4		0.08	7.66E-04	1.06E-03	7.38E-06	2.81E-03	7.38E-04	6.13E-03	3.46E-04	6.50E-03	0.07	4.19E-04	3.03E-03	8.99E-04	3.42E-03	1.58E-03	0.05	0.22		0.01
223	Campground 4	678725.9	4859860.7		0.08	7.57E-04	1.01E-03	7.01E-06	2.81E-03	7.31E-04	6.07E-03	3.29E-04	6.40E-03	0.07	4.15E-04	3.03E-03	8.54E-04	3.40E-03	1.57E-03	0.05	0.22		0.01
224	Campground 5	678511.1	4859808.6		0.08	7.16E-04	7.35E-04	5.12E-06	2.79E-03	6.97E-04	5.78E-03	2.40E-04	5.88E-03	0.07	3.95E-04	3.02E-03	6.23E-04	3.30E-03	1.57E-03	0.05	0.22		0.01
225	Campground 6	678869.5	4859696.0		0.08	7.40E-04	8.90E-04	6.19E-06	2.80E-03	7.16E-04	5.94E-03	2.90E-04	6.17E-03	0.07	4.07E-04	3.03E-03	7.55E-04	3.36E-03	1.57E-03	0.05	0.22		0.01
226	Campground 7	678723.9	4860201.8		0.08	8.19E-04	1.41E-03	9.84E-06	2.83E-03	7.82E-04	6.51E-03	4.61E-04	7.17E-03	0.07	4.45E-04	3.03E-03	1.20E-03	3.56E-03	1.59E-03	0.05	0.23		0.01
227	Campground 8	678796.0	4860011.4		0.08	7.52E-04	9.73E-04	6.77E-06	2.81E-03	7.27E-04	6.03E-03	3.17E-04	6.33E-03	0.07	4.13E-04	3.03E-03	8.25E-04	3.39E-03	1.57E-03	0.05	0.22		0.01
228	Campground 9	678852.7	4859854.2		0.08	7.47E-04	9.40E-04	6.54E-06	2.80E-03	7.22E-04	6.00E-03	3.06E-04	6.27E-03	0.07	4.10E-04	3.03E-03	7.97E-04	3.38E-03	1.57E-03	0.05	0.22		0.01
229	Solina 1	681099.6	4861677.2		0.08	7.68E-04	1.08E-03	7.48E-06	2.81E-03	7.40E-04	6.15E-03	3.51E-04	6.52E-03	0.07	4.20E-04	3.03E-03	9.12E-04	3.43E-03	1.58E-03	0.05	0.22		0.01
230	Solina 2	681115.7	4861857.7		0.08	7.69E-04	1.08E-03	7.53E-06	2.81E-03	7.40E-04	6.15E-03	3.53E-04	6.54E-03	0.07	4.21E-04	3.03E-03	9.17E-04	3.43E-03	1.58E-03	0.05	0.22		0.01
231	Solina 3	680987.4	4861983.5		0.08	7.73E-04	1.11E-03	7.72E-06	2.81E-03	7.44E-04	6.18E-03	3.62E-04	6.59E-03	0.07	4.23E-04	3.03E-03	9.41E-04	3.44E-03	1.58E-03	0.05	0.22		0.01
232	Solina 4	680965.0	4862068.1		0.08	7.58E-04	1.01E-03	7.04E-06	2.81E-03	7.32E-04	6.08E-03	3.30E-04	6.41E-03	0.07	4.16E-04	3.03E-03	8.58E-04	3.40E-03	1.58E-03	0.05	0.22		0.01
233	Solina 5	681021.5	4862086.7		0.08	7.65E-04	1.06E-03	7.35E-06	2.81E-03	7.37E-04	6.12E-03	3.44E-04	6.49E-03	0.07	4.19E-04	3.03E-03	8.96E-04	3.42E-03	1.58E-03	0.05	0.22		0.01
234	Solina 6	680939.8	4862124.3		0.08	7.39E-04	8.87E-04	6.17E-06	2.80E-03	7.16E-04	5.94E-03	2.89E-04	6.17E-03	0.07	4.07E-04	3.03E-03	7.52E-04	3.36E-03	1.57E-03	0.05	0.22		0.01
235	Solina 7	680988.2	4862183.6		0.08	7.47E-04	9.40E-04	6.54E-06	2.80E-03	7.23E-04	6.00E-03	3.07E-04	6.27E-03	0.07	4.10E-04	3.03E-03	7.97E-04	3.38E-03	1.57E-03	0.05	0.22		0.01
236	Solina 8	680984.6	4862209.8		0.08	7.39E-04	8.89E-04	6.19E-06	2.80E-03	7.16E-04	5.94E-03	2.90E-04	6.17E-03	0.07	4.07E-04	3.03E-03	7.54E-04	3.36E-03	1.57E-03	0.05	0.22		0.01
237	Solina 9	680958.6	4862294.9		0.08	7.45E-04	9.25E-04	6.43E-06	2.80E-03	7.21E-04	5.98E-03	3.02E-04	6.24E-03	0.07	4.09E-04	3.03E-03	7.84E-04	3.37E-03	1.57E-03	0.05	0.22		0.01
238	Solina 10	680858.0	4862324.3		0.08	7.88E-04	1.21E-03	8.42E-06	2.82E-03	7.57E-04	6.29E-03	3.95E-04	6.78E-03	0.07	4.30E-04	3.03E-03	1.03E-03	3.48E-03	1.58E-03	0.05	0.22		0.01
239	Solina 11	680990.3	4862403.5		0.08	7.40E-04	8.96E-04	6.23E-06	2.80E-03	7.17E-04	5.95E-03	2.92E-04	6.19E-03	0.07	4.07E-04	3.03E-03	7.60E-04	3.36E-03	1.57E-03	0.05	0.22		0.01
240	Recreational 1	681545.0	4860865.0		0.08	7.54E-04	9.88E-04	6.87E-06	2.81E-03	7.29E-04	6.05E-03	3.22E-04	6.36E-03	0.07	4.14E-04	3.03E-03	8.38E-04	3.39E-03	1.57E-03	0.05	0.22		0.01
241	Recreational 2	681563.7	4860687.4		0.08	8.14E-04	1.38E-03	9.59E-06	2.83E-03	7.78E-04	6.48E-03	4.50E-04	7.10E-03	0.07	4.42E-04	3.03E-03	1.17E-03	3.54E-03	1.58E-03	0.05	0.23		0.01
242	Recreational 3	681579.7	4860610.0		0.08	7.81E-04	1.16E-03	8.09E-06	2.82E-03	7.51E-04	6.24E-03	3.79E-04	6.69E-03	0.07	4.27E-04	3.03E-03	9.86E-04	3.46E-03	1.58E-03	0.05	0.22		0.01
243	Recreational 6	681876.6	4860254.4		0.08	8.28E-04	1.47E-03	1.02E-05	2.83E-03	7.89E-04	6.58E-03	4.80E-04	7.27E-03	0.07	4.49E-04	3.03E-03	1.25E-03	3.58E-03	1.59E-03	0.05	0.23		0.01
244	Recreational 7	682166.9	4860324.4		0.08	8.06E-04	1.33E-03	9.25E-06	2.82E-03	7.72E-04	6.42E-03	4.34E-04	7.01E-03	0.07	4.39E-04	3.03E-03	1.13E-03	3.53E-03	1.58E-03	0.05	0.22		0.01
245	Darlington 1	679565.4	4861052.9		0.08	8.85E-04	1.84E-03	1.28E-05	2.85E-03	8.36E-04	6.98E-03	6.01E-04	7.98E-03	0.07	4.76E-04	3.04E-03	1.56E-03	3.72E-03	1.60E-03	0.05	0.23		0.01
246	Darlington 2	679452.9	4861051.4		0.08	8.57E-04	1.66E-03	1.15E-05	2.84E-03	8.13E-04	6.78E-03	5.41E-04	7.63E-03	0.07	4.63E-04	3.03E-03	1.41E-03	3.65E-03	1.59E-03	0.05	0.23		0.01
247	Darlington 3	679130.5	4860948.8		0.08	8.58E-04	1.67E-03	1.16E-05	2.84E-03	8.14E-04	6.79E-03	5.44E-04	7.65E-03	0.07	4.63E-04	3.03E-03	1.41E-03	3.66E-03	1.59E-03	0.05	0.23		0.01
248	Darlington 4	679112.6	4860941.9		0.08	8.62E-04	1.69E-03	1.18E-05	2.84E-03	8.18E-04	6.82E-03	5.53E-04	7.70E-03	0.07	4.65E-04	3.03E-03	1.44E-03	3.67E-03	1.59E-03	0.05	0.23		0.01
249	Darlington 5	679057.6	4860994.1		0.08	8.46E-04	1.59E-03	1.10E-05	2.84E-03	8.04E-04	6.70E-03	5.18E-04	7.49E-03	0.07	4.58E-04	3.03E-03	1.35E-03	3.62E-03	1.59E-03	0.05	0.23		0.01
250	Darlington 6	679075.2	4860931.6		0.08	8.64E-04	1.71E-03	1.19E-05	2.84E-03	8.19E-04	6.83E-03	5.56E-04	7.72E-03	0.07	4.66E-04	3.03E-03	1.45E-03	3.67E-03	1.59E-03	0.05	0.23		0.01
251	Darlington 7	678814.3	4860843.1		0.08	7.99E-04	1.28E-03	8.91E-06	2.82E-03	7.65E-04	6.37E-03	4.18E-04	6.91E-03	0.07	4.35E-04	3.03E-03	1.09E-03	3.51E-03	1.58E-03	0.05	0.22		0.01
252	Darlington 8	678840.4	4860777.1		0.08	7.69E-04	1.08E-03	7.53E-06	2.81E-03	7.41E-04	6.15E-03	3.53E-04	6.54E-03	0.07	4.21E-04	3.03E-03	9.18E-04	3.43E-03	1.58E-03	0.05	0.22		0.01
253	Light Ind. 1	680000.1	4861034.1		0.08	7.91E-04	1.23E-03	8.53E-06	2.82E-03	7.58E-04	6.31E-03	4.00E-04	6.81E-03	0.07	4.31E-04	3.03E-03	1.04E-03	3.49E-03	1.58E-03	0.05	0.22		0.01
254	Light Ind. 2	680060.7	4861056.4		0.08	7.96E-04	1.26E-03	8.75E-06	2.82E-03	7.63E-04	6.34E-03	4.10E-04	6.87E-03	0.07	4.34E-04	3.03E-03	1.07E-03	3.50E-03	1.58E-03	0.05	0.22		0.01
255	Light Ind. 3	680291.2	4861151.6		0.08	8.84E-04	1.84E-03	1.28E-05	2.85E-03	8.36E-04	6.98E-03	6.00E-04	7.97E-03	0.07	4.76E-04	3.04E-03	1.56E-03	3.72E-03	1.60E-03	0.05	0.23		0.01
256	Light Ind. 4	680536.3	4861204.6		0.08	8.51E-04	1.62E-03	1.13E-05	2.84E-03	8.08E-04	6.74E-03	5.29E-04	7.56E-03	0.07	4.60E-04	3.03E-03	1.37E-03	3.64E-03	1.59E-03	0.05	0.23		0.01
257	Light Ind. 5	680350.4	4861290.6		0.08	8.61E-04	1.69E-03	1.18E-05	2.84E-03	8.17E-04	6.81E-03	5.51E-04	7.69E-03	0.07	4.65E-04	3.03E-03	1.43E-03	3.66E-03	1.59E-03	0.05	0.23		0.01
258	Light Ind. 6	680306.9	4861275.6		0.08	8.58E-04	1.67E-03	1.16E-05	2.84E-03	8.14E-04	6.79E-03	5.45E-04	7.65E-03	0.07	4.64E-04	3.03E-03	1.42E-03	3.66E-03	1.59E-03	0.05	0.23		0.01
259	Light Ind. 7	680267.2	4861262.4		0.08	8.70E-04	1.74E-03	1.21E-05	2.84E-03	8.24E-04	6.87E-03	5.69E-04	7.79E-03	0.07	4.69E-04	3.04E-03	1.48E-03	3.68E-03	1.59E-03	0.05	0.23		0.01
260	Light Ind. 8	680233.6	4861250.7		0.08</																		

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	0.08	6.04E-04	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05		
271	Future Industrial 5	679898.8	4860067.4		0.08	8.01E-04	1.29E-03	9.00E-06	2.82E-03	7.67E-04	6.38E-03	4.22E-04	6.94E-03	0.07	4.36E-04	3.03E-03	1.10E-03	3.51E-03	1.58E-03	0.05	0.22		0.01
272	Future Industrial 6	680134.8	4860694.1		0.08	8.80E-04	1.82E-03	1.26E-05	2.85E-03	8.33E-04	6.95E-03	5.92E-04	7.93E-03	0.07	4.74E-04	3.04E-03	1.54E-03	3.71E-03	1.60E-03	0.05	0.23		0.01
273	Future Industrial 11	680253.7	4860255.2		0.08	7.98E-04	1.27E-03	8.85E-06	2.82E-03	7.64E-04	6.36E-03	4.15E-04	6.90E-03	0.07	4.35E-04	3.03E-03	1.08E-03	3.50E-03	1.58E-03	0.05	0.22		0.01
274	Future Industrial 12	679901.2	4860511.8		0.08	7.80E-04	1.15E-03	8.02E-06	2.81E-03	7.49E-04	6.23E-03	3.76E-04	6.67E-03	0.07	4.26E-04	3.03E-03	9.78E-04	3.46E-03	1.58E-03	0.05	0.22		0.01
275	Commercial Farmer	679867.8	4860445.4		0.08	7.85E-04	1.19E-03	8.27E-06	2.82E-03	7.54E-04	6.27E-03	3.88E-04	6.74E-03	0.07	4.29E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.05	0.22		0.01
276	Farmer	679277.0	4859981.5		0.08	7.70E-04	1.09E-03	7.59E-06	2.81E-03	7.41E-04	6.16E-03	3.56E-04	6.55E-03	0.07	4.21E-04	3.03E-03	9.25E-04	3.43E-03	1.58E-03	0.05	0.22		0.01
277	Residence	679387.2	4860648.9		0.08	7.81E-04	1.17E-03	8.11E-06	2.82E-03	7.51E-04	6.24E-03	3.80E-04	6.70E-03	0.07	4.27E-04	3.03E-03	9.88E-04	3.46E-03	1.58E-03	0.05	0.22		0.01
278	Barn	679261.9	4860574.2		0.08	7.77E-04	1.13E-03	7.90E-06	2.81E-03	7.47E-04	6.21E-03	3.70E-04	6.64E-03	0.07	4.25E-04	3.03E-03	9.62E-04	3.45E-03	1.58E-03	0.05	0.22		0.01
279	Residence	680150.7	4861295.7		0.08	8.47E-04	1.60E-03	1.11E-05	2.84E-03	8.05E-04	6.71E-03	5.21E-04	7.51E-03	0.07	4.58E-04	3.03E-03	1.35E-03	3.63E-03	1.59E-03	0.05	0.23		0.01
280	Residence	679939.8	4861213.4		0.08	7.99E-04	1.28E-03	8.89E-06	2.82E-03	7.65E-04	6.37E-03	4.17E-04	6.91E-03	0.07	4.35E-04	3.03E-03	1.08E-03	3.51E-03	1.58E-03	0.05	0.22		0.01
281	Farmer	680855.7	4861456.9		0.08	8.17E-04	1.40E-03	9.72E-06	2.83E-03	7.80E-04	6.49E-03	4.55E-04	7.13E-03	0.07	4.44E-04	3.03E-03	1.18E-03	3.55E-03	1.58E-03	0.05	0.23		0.01
282	Farmer	681386.2	4861673.3		0.08	8.19E-04	1.41E-03	9.82E-06	2.83E-03	7.82E-04	6.51E-03	4.61E-04	7.16E-03	0.07	4.45E-04	3.03E-03	1.20E-03	3.56E-03	1.59E-03	0.05	0.23		0.01
283	Residence	680683.5	4861597.9		0.08	7.97E-04	1.27E-03	8.80E-06	2.82E-03	7.63E-04	6.35E-03	4.13E-04	6.88E-03	0.07	4.34E-04	3.03E-03	1.07E-03	3.50E-03	1.58E-03	0.05	0.22		0.01
284	Business	680064.3	4861343.7		0.08	8.16E-04	1.40E-03	9.70E-06	2.83E-03	7.80E-04	6.49E-03	4.55E-04	7.13E-03	0.07	4.44E-04	3.03E-03	1.18E-03	3.55E-03	1.58E-03	0.05	0.23		0.01
285	Farmer	679680.1	4861213.5		0.08	8.26E-04	1.46E-03	1.02E-05	2.83E-03	7.88E-04	6.56E-03	4.76E-04	7.25E-03	0.07	4.48E-04	3.03E-03	1.24E-03	3.58E-03	1.59E-03	0.05	0.23		0.01
286	Farmer	681344.8	4861792.9		0.08	7.74E-04	1.12E-03	7.78E-06	2.81E-03	7.45E-04	6.19E-03	3.65E-04	6.61E-03	0.07	4.23E-04	3.03E-03	9.48E-04	3.44E-03	1.58E-03	0.05	0.22		0.01
287	Youth Centre	685644.2	4864814.8		0.08	6.72E-04	4.44E-04	3.09E-06	2.78E-03	6.60E-04	5.46E-03	1.45E-04	5.33E-03	0.07	3.74E-04	3.02E-03	3.76E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
288	Bowmanville Arena	685462.9	4864615.2		0.08	6.71E-04	4.43E-04	3.08E-06	2.78E-03	6.60E-04	5.46E-03	1.44E-04	5.33E-03	0.07	3.74E-04	3.02E-03	3.75E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
289	Bowmanville Rec Complex	684160.3	4864604.5		0.08	6.79E-04	4.89E-04	3.40E-06	2.78E-03	6.66E-04	5.51E-03	1.60E-04	5.41E-03	0.07	3.78E-04	3.02E-03	4.15E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
290	Recreation Complex	684586.6	4862406.3		0.08	6.71E-04	4.39E-04	3.06E-06	2.78E-03	6.59E-04	5.45E-03	1.43E-04	5.32E-03	0.07	3.74E-04	3.02E-03	3.73E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
291	Superdog Central	681487.7	4865723.3		0.08	6.51E-04	3.08E-04	2.14E-06	2.77E-03	6.43E-04	5.31E-03	1.00E-04	5.07E-03	0.07	3.64E-04	3.02E-03	2.61E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
292	Equestrian Centre	681567.1	4863670.7		0.08	7.00E-04	6.32E-04	4.40E-06	2.79E-03	6.84E-04	5.66E-03	2.06E-04	5.69E-03	0.07	3.88E-04	3.02E-03	5.36E-04	3.26E-03	1.57E-03	0.05	0.22		0.01
293	Flea Market	678574.6	4862819.4		0.08	7.15E-04	7.27E-04	5.06E-06	2.79E-03	6.96E-04	5.77E-03	2.37E-04	5.87E-03	0.07	3.95E-04	3.02E-03	6.17E-04	3.30E-03	1.57E-03	0.05	0.22		0.01
294	Equestrian Centre	680030.8	4867320.2		0.08	6.39E-04	2.31E-04	1.61E-06	2.77E-03	6.33E-04	5.23E-03	7.53E-05	4.93E-03	0.07	3.59E-04	3.02E-03	1.96E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
295	Courtice Community Comp	678099.3	4864629.8		0.08	6.69E-04	4.25E-04	2.96E-06	2.78E-03	6.58E-04	5.44E-03	1.39E-04	5.29E-03	0.07	3.73E-04	3.02E-03	3.60E-04	3.18E-03	1.56E-03	0.04	0.22		0.01
296	Former Restaurant	679830.2	4860702.2		0.08	8.19E-04	1.41E-03	9.80E-06	2.83E-03	7.82E-04	6.51E-03	4.59E-04	7.16E-03	0.07	4.45E-04	3.03E-03	1.19E-03	3.56E-03	1.59E-03	0.05	0.23		0.01
297	Commercial	679364.8	4861016.0		0.08	8.51E-04	1.62E-03	1.13E-05	2.84E-03	8.09E-04	6.74E-03	5.30E-04	7.56E-03	0.07	4.60E-04	3.03E-03	1.38E-03	3.64E-03	1.59E-03	0.05	0.23		0.01
298	GM Oshawa Headquarters	676418.3	4860463.7		0.08	6.95E-04	5.95E-04	4.14E-06	2.79E-03	6.79E-04	5.62E-03	1.94E-04	5.62E-03	0.07	3.85E-04	3.02E-03	5.05E-04	3.24E-03	1.56E-03	0.05	0.22		0.01
299	Farm A?	682972.3	4862201.9		0.08	7.07E-04	6.79E-04	4.73E-06	2.79E-03	6.90E-04	5.71E-03	2.22E-04	5.77E-03	0.07	3.91E-04	3.02E-03	5.76E-04	3.28E-03	1.57E-03	0.05	0.22		0.01
300	Farm B?	683546.9	4861959.7		0.08	6.99E-04	6.21E-04	4.32E-06	2.79E-03	6.82E-04	5.65E-03	2.02E-04	5.66E-03	0.07	3.87E-04	3.02E-03	5.26E-04	3.25E-03	1.57E-03	0.05	0.22		0.01
301	Farm C?	682547.5	4862321.1		0.08	7.40E-04	8.90E-04	6.19E-06	2.80E-03	7.16E-04	5.94E-03	2.90E-04	6.17E-03	0.07	4.07E-04	3.03E-03	7.54E-04	3.36E-03	1.57E-03	0.05	0.22		0.01
302	Farm D?	683238.3	4862393.3		0.08	6.99E-04	6.23E-04	4.33E-06	2.79E-03	6.83E-04	5.65E-03	2.03E-04	5.67E-03	0.07	3.87E-04	3.02E-03	5.28E-04	3.26E-03	1.57E-03	0.05	0.22		0.01
303	Farm E?	682512.6	4862858.0		0.08	7.18E-04	7.50E-04	5.22E-06	2.79E-03	6.99E-04	5.79E-03	2.45E-04	5.91E-03	0.07	3.97E-04	3.02E-03	6.36E-04	3.30E-03	1.57E-03	0.05	0.22		0.01
304	Farm F?	683129.1	4863649.4		0.08	7.33E-04	8.46E-04	5.88E-06	2.80E-03	7.11E-04	5.90E-03	2.76E-04	6.09E-03	0.07	4.04E-04	3.03E-03	7.17E-04	3.34E-03	1.57E-03	0.05	0.22		0.01
305	Bennett 1	688209.3	4862512.1		0.08	6.49E-04	2.92E-04	2.03E-06	2.77E-03	6.41E-04	5.29E-03	9.52E-05	5.04E-03	0.07	3.63E-04	3.02E-03	2.48E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
306	Bennett 2	687990.0	4863221.3		0.08	6.46E-04	2.76E-04	1.92E-06	2.77E-03	6.39E-04	5.28E-03	9.00E-05	5.01E-03	0.07	3.62E-04	3.02E-03	2.34E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
307	Bennett 3	688818.4	4862836.3		0.08	6.49E-04	2.92E-04	2.03E-06	2.77E-03	6.41E-04	5.29E-03	9.52E-05	5.04E-03	0.07	3.63E-04	3.02E-03	2.48E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
308	Bennett 4	689045.1	4863365.5		0.08	6.50E-04	3.02E-04	2.10E-06	2.77E-03	6.42E-04	5.30E-03	9.84E-05	5.06E-03	0.07	3.64E-04	3.02E-03	2.56E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
309	Bennett 5	688270.5	4863763.1		0.08	6.45E-04	2.71E-04	1.89E-06	2.77E-03	6.38E-04	5.27E-03	8.84E-05	5.00E-03	0.07	3.62E-04	3.02E-03	2.30E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
310	Bennett 6	689908.5	4863100.5		0.08	6.42E-04	2.50E-04	1.74E-06	2.77E-03	6.36E-04	5.25E-03	8.14E-05	4.96E-03	0.07	3.60E-04	3.02E-03	2.12E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
311	Bennett 7	688929.9	4864392.0		0.08	6.64E-04	3.94E-04	2.74E-06	2.78E-03	6.54E-04	5.40E-03	1.29E-04	5.24E-03	0.07	3.71E-04	3.02E-03	3.34E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
312	Bennett 8	689684.2	4863837.7		0.08	6.43E-04	2.58E-04	1.79E-06	2.77E-03	6.37E-04	5.26E-03	8.40E-05	4.98E-03	0.07	3.61E-04	3.02E-03	2.18E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
313	Soper 1	687557.9	4862512.4		0.08	6.54E-04	3.27E-04	2.27E-06	2.77E-03	6.45E-04	5.33E-03	1.07E-04	5.11E-03	0.07	3.66E-04	3.02E-03	2.77E-04	3.14E-03	1.56E-03	0.04	0.21		0.01
314	Soper 2	687241.9	4863171.7		0.08	6.49E-04	2.98E-04	2.07E-06	2.77E-03	6.42E-04													

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)																	
		(m)	(m)		5.06E-03	2.31E-04	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05	6.59E-03	0.02		6.76E-05
					0.08	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.04	0.21		0.01
325	Bowmanville 5	682452.2	4869417.5		0.08	6.31E-04	1.79E-04	1.25E-06	2.77E-03	6.27E-04	5.17E-03	5.84E-05	4.83E-03	0.07	3.55E-04	3.02E-03	1.52E-04	3.09E-03	1.55E-03	0.04	0.21		0.01
326	Bowmanville 6	684778.5	4864888.2		0.08	6.59E-04	3.62E-04	2.52E-06	2.78E-03	6.50E-04	5.37E-03	1.18E-04	5.17E-03	0.07	3.68E-04	3.02E-03	3.07E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
327	Bowmanville 7	684549.5	4866404.4		0.08	6.49E-04	2.94E-04	2.04E-06	2.77E-03	6.41E-04	5.30E-03	9.58E-05	5.04E-03	0.07	3.63E-04	3.02E-03	2.49E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
328	Upper Tooley 1	679944.8	4864883.1		0.08	6.66E-04	4.04E-04	2.81E-06	2.78E-03	6.55E-04	5.42E-03	1.32E-04	5.25E-03	0.07	3.71E-04	3.02E-03	3.42E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
329	Upper Tooley 2	679055.1	4863885.8		0.08	6.63E-04	3.87E-04	2.69E-06	2.78E-03	6.53E-04	5.40E-03	1.26E-04	5.22E-03	0.07	3.70E-04	3.02E-03	3.28E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
330	Upper Tooley 3	679714.0	4862767.4		0.08	7.12E-04	7.10E-04	4.94E-06	2.79E-03	6.93E-04	5.75E-03	2.31E-04	5.83E-03	0.07	3.94E-04	3.02E-03	6.02E-04	3.29E-03	1.57E-03	0.05	0.22		0.01
331	Upper Tooley 4	678898.8	4861800.6		0.08	7.70E-04	1.09E-03	7.59E-06	2.81E-03	7.42E-04	6.16E-03	3.56E-04	6.56E-03	0.07	4.21E-04	3.03E-03	9.25E-04	3.43E-03	1.58E-03	0.05	0.22		0.01
332	Upper Tooley 5	680353.5	4862156.5		0.08	7.48E-04	9.46E-04	6.58E-06	2.80E-03	7.23E-04	6.00E-03	3.08E-04	6.28E-03	0.07	4.11E-04	3.03E-03	8.02E-04	3.38E-03	1.57E-03	0.05	0.22		0.01
333	Upper Tooley 6	679818.1	4861625.7		0.08	7.84E-04	1.18E-03	8.23E-06	2.82E-03	7.53E-04	6.26E-03	3.86E-04	6.73E-03	0.07	4.28E-04	3.03E-03	1.00E-03	3.47E-03	1.58E-03	0.05	0.22		0.01
334	Robinson 1	678434.8	4860943.1		0.08	7.69E-04	1.08E-03	7.53E-06	2.81E-03	7.41E-04	6.15E-03	3.53E-04	6.54E-03	0.07	4.21E-04	3.03E-03	9.18E-04	3.43E-03	1.58E-03	0.05	0.22		0.01
335	Robinson 2	677752.6	4861240.6		0.08	7.39E-04	8.87E-04	6.17E-06	2.80E-03	7.16E-04	5.94E-03	2.89E-04	6.17E-03	0.07	4.07E-04	3.03E-03	7.52E-04	3.36E-03	1.57E-03	0.05	0.22		0.01
336	Robinson 3	677642.2	4861787.2		0.08	7.05E-04	6.60E-04	4.59E-06	2.79E-03	6.87E-04	5.69E-03	2.15E-04	5.74E-03	0.07	3.90E-04	3.02E-03	5.60E-04	3.27E-03	1.57E-03	0.05	0.22		0.01
337	Robinson 4	678532.7	4862143.6		0.08	7.43E-04	9.14E-04	6.36E-06	2.80E-03	7.19E-04	5.97E-03	2.98E-04	6.22E-03	0.07	4.08E-04	3.03E-03	7.75E-04	3.37E-03	1.57E-03	0.05	0.22		0.01
338	Robinson 5	678005.1	4862784.9		0.08	7.27E-04	8.10E-04	5.63E-06	2.80E-03	7.06E-04	5.86E-03	2.64E-04	6.02E-03	0.07	4.01E-04	3.03E-03	6.87E-04	3.33E-03	1.57E-03	0.05	0.22		0.01
339	Robinson 6	677882.7	4860587.7		0.08	7.29E-04	8.22E-04	5.72E-06	2.80E-03	7.08E-04	5.87E-03	2.68E-04	6.05E-03	0.07	4.02E-04	3.03E-03	6.97E-04	3.33E-03	1.57E-03	0.05	0.22		0.01
340	F/B 1	677443.1	4867862.1		0.08	6.42E-04	2.47E-04	1.72E-06	2.77E-03	6.35E-04	5.25E-03	8.07E-05	4.96E-03	0.07	3.60E-04	3.02E-03	2.10E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
341	F/B 2	679667.4	4866611.4		0.08	6.58E-04	3.57E-04	2.48E-06	2.78E-03	6.49E-04	5.36E-03	1.16E-04	5.16E-03	0.07	3.68E-04	3.02E-03	3.02E-04	3.15E-03	1.56E-03	0.04	0.22		0.01
342	F/B 3	678655.0	4867470.1		0.08	6.60E-04	3.67E-04	2.55E-06	2.78E-03	6.50E-04	5.38E-03	1.20E-04	5.18E-03	0.07	3.69E-04	3.02E-03	3.11E-04	3.16E-03	1.56E-03	0.04	0.22		0.01
343	F/B 4	676191.2	4866844.7		0.08	6.43E-04	2.53E-04	1.76E-06	2.77E-03	6.36E-04	5.25E-03	8.26E-05	4.97E-03	0.07	3.60E-04	3.02E-03	2.15E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
344	F/B 5	678273.3	4866093.0		0.08	6.57E-04	3.45E-04	2.40E-06	2.78E-03	6.48E-04	5.35E-03	1.13E-04	5.14E-03	0.07	3.67E-04	3.02E-03	2.93E-04	3.15E-03	1.56E-03	0.04	0.22		0.01
345	F/B 6	681241.2	4867098.8		0.08	6.43E-04	2.53E-04	1.76E-06	2.77E-03	6.36E-04	5.25E-03	8.25E-05	4.97E-03	0.07	3.60E-04	3.02E-03	2.15E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
346	F/B 7	682165.3	4868082.3		0.08	6.38E-04	2.24E-04	1.56E-06	2.77E-03	6.32E-04	5.22E-03	7.32E-05	4.91E-03	0.07	3.58E-04	3.02E-03	1.90E-04	3.10E-03	1.56E-03	0.04	0.21		0.01
347	F/B 8	679366.6	4868628.3		0.08	6.45E-04	2.71E-04	1.89E-06	2.77E-03	6.38E-04	5.27E-03	8.85E-05	5.00E-03	0.07	3.62E-04	3.02E-03	2.30E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
348	F/B 9	680310.1	4869967.1		0.08	6.29E-04	1.65E-04	1.15E-06	2.77E-03	6.25E-04	5.16E-03	5.37E-05	4.80E-03	0.07	3.54E-04	3.02E-03	1.40E-04	3.08E-03	1.55E-03	0.04	0.21		0.01
349	F/B 10	676487.3	4869291.6		0.08	6.50E-04	2.99E-04	2.08E-06	2.77E-03	6.42E-04	5.30E-03	9.73E-05	5.05E-03	0.07	3.64E-04	3.02E-03	2.53E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
350	F/B 11	676851.4	4865409.3		0.08	6.51E-04	3.05E-04	2.12E-06	2.77E-03	6.43E-04	5.31E-03	9.96E-05	5.07E-03	0.07	3.64E-04	3.02E-03	2.59E-04	3.13E-03	1.56E-03	0.04	0.21		0.01
351	F/B 12	681153.3	4868682.2		0.08	6.36E-04	2.09E-04	1.46E-06	2.77E-03	6.30E-04	5.20E-03	6.82E-05	4.88E-03	0.07	3.57E-04	3.02E-03	1.77E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
352	F/B 13	675416.3	4859833.9		0.08	6.94E-04	5.90E-04	4.10E-06	2.79E-03	6.78E-04	5.62E-03	1.92E-04	5.61E-03	0.07	3.85E-04	3.02E-03	5.00E-04	3.24E-03	1.56E-03	0.04	0.22		0.01
353	Second 1	675153.4	4860552.8		0.08	6.64E-04	3.95E-04	2.75E-06	2.78E-03	6.54E-04	5.41E-03	1.29E-04	5.24E-03	0.07	3.71E-04	3.02E-03	3.35E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
354	Second 2	675297.5	4860891.3		0.08	6.59E-04	3.59E-04	2.49E-06	2.78E-03	6.49E-04	5.37E-03	1.17E-04	5.17E-03	0.07	3.68E-04	3.02E-03	3.04E-04	3.15E-03	1.56E-03	0.04	0.22		0.01
355	Second 3	675647.2	4860644.9		0.08	6.75E-04	4.65E-04	3.24E-06	2.78E-03	6.63E-04	5.48E-03	1.52E-04	5.37E-03	0.07	3.76E-04	3.02E-03	3.94E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
356	Second 4	675670.5	4860076.5		0.08	6.78E-04	4.83E-04	3.36E-06	2.78E-03	6.65E-04	5.50E-03	1.58E-04	5.40E-03	0.07	3.77E-04	3.02E-03	4.10E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
357	Second 5	676043.3	4860319.1		0.08	6.73E-04	4.51E-04	3.14E-06	2.78E-03	6.61E-04	5.47E-03	1.47E-04	5.34E-03	0.07	3.75E-04	3.02E-03	3.82E-04	3.19E-03	1.56E-03	0.04	0.22		0.01
358	Second 6	675923.4	4859821.4		0.08	7.14E-04	7.20E-04	5.01E-06	2.79E-03	6.95E-04	5.76E-03	2.35E-04	5.85E-03	0.07	3.94E-04	3.02E-03	6.11E-04	3.29E-03	1.57E-03	0.05	0.22		0.01
359	McLaughlin Bay 1	676714.7	4860903.8		0.08	6.96E-04	6.06E-04	4.22E-06	2.79E-03	6.80E-04	5.64E-03	1.98E-04	5.64E-03	0.07	3.86E-04	3.02E-03	5.14E-04	3.25E-03	1.56E-03	0.05	0.22		0.01
360	McLaughlin Bay 2	677310.8	4860528.2		0.08	7.20E-04	7.63E-04	5.31E-06	2.80E-03	7.00E-04	5.81E-03	2.49E-04	5.93E-03	0.07	3.98E-04	3.02E-03	6.47E-04	3.31E-03	1.57E-03	0.05	0.22		0.01
361	McLaughlin Bay 3	676563.5	4860260.1		0.08	6.83E-04	5.15E-04	3.58E-06	2.78E-03	6.69E-04	5.54E-03	1.68E-04	5.46E-03	0.07	3.79E-04	3.02E-03	4.37E-04	3.21E-03	1.56E-03	0.04	0.22		0.01
362	McLaughlin Bay 4	676699.5	4859696.6		0.08	8.11E-04	1.36E-03	9.47E-06	2.82E-03	7.76E-04	6.46E-03	4.44E-04	7.07E-03	0.07	4.41E-04	3.03E-03	1.15E-03	3.54E-03	1.58E-03	0.05	0.23		0.01
363	McLaughlin Bay 5	677560.0	4860060.																				



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.06E-03	2.31E-04	1.52E-03	1.06E-05	7.43E-05	1.91E-04	1.65E-03	4.96E-04	2.88E-03	1.52E-03	1.11E-04	1.59E-05	1.29E-03	5.81E-04	3.84E-05	6.59E-03	0.02		6.76E-05
				Background Concentration (ug/m3)	0.08	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.04	0.21		0.01
379	Darlington 5	683223.2	4861114.0		0.08	7.33E-04	8.46E-04	5.88E-06	2.80E-03	7.11E-04	5.90E-03	2.76E-04	6.09E-03	0.07	4.04E-04	3.03E-03	7.17E-04	3.34E-03	1.57E-03	0.05	0.22		0.01
380	Darlington 6	683947.7	4862362.0		0.08	6.99E-04	6.22E-04	4.33E-06	2.79E-03	6.82E-04	5.65E-03	2.03E-04	5.67E-03	0.07	3.87E-04	3.02E-03	5.27E-04	3.25E-03	1.57E-03	0.05	0.22		0.01
381	Darlington 7	685361.9	4861143.4		0.08	6.75E-04	4.67E-04	3.25E-06	2.78E-03	6.63E-04	5.48E-03	1.52E-04	5.37E-03	0.07	3.76E-04	3.02E-03	3.96E-04	3.20E-03	1.56E-03	0.04	0.22		0.01
382	Bennett ECO/HH	688606.4	4862634.8		0.08	6.45E-04	2.72E-04	1.89E-06	2.77E-03	6.38E-04	5.27E-03	8.85E-05	5.00E-03	0.07	3.62E-04	3.02E-03	2.30E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
383	Oshawa ECO/HH	673884.9	4859128.9		0.08	6.97E-04	6.10E-04	4.25E-06	2.79E-03	6.81E-04	5.64E-03	1.99E-04	5.64E-03	0.07	3.86E-04	3.02E-03	5.17E-04	3.25E-03	1.56E-03	0.05	0.22		0.01
384	Oshawa Creek 1	671671.2	4862793.7		0.08	6.37E-04	2.18E-04	1.52E-06	2.77E-03	6.32E-04	5.21E-03	7.12E-05	4.90E-03	0.07	3.58E-04	3.02E-03	1.85E-04	3.10E-03	1.55E-03	0.04	0.21		0.01
385	Oshawa Creek 2	671668.5	4861589.5		0.08	6.30E-04	1.73E-04	1.20E-06	2.77E-03	6.26E-04	5.16E-03	5.64E-05	4.82E-03	0.07	3.55E-04	3.02E-03	1.47E-04	3.08E-03	1.55E-03	0.04	0.21		0.01
386	Oshawa Creek 3	672820.2	4861287.2		0.08	6.34E-04	1.98E-04	1.38E-06	2.77E-03	6.29E-04	5.19E-03	6.46E-05	4.86E-03	0.07	3.56E-04	3.02E-03	1.68E-04	3.09E-03	1.55E-03	0.04	0.21		0.01
387	Oshawa Creek 4	672360.3	4860262.6		0.08	6.40E-04	2.33E-04	1.62E-06	2.77E-03	6.33E-04	5.23E-03	7.59E-05	4.93E-03	0.07	3.59E-04	3.02E-03	1.97E-04	3.11E-03	1.56E-03	0.04	0.21		0.01
388	Oshawa Creek 5	673921.2	4860115.0		0.08	6.46E-04	2.75E-04	1.91E-06	2.77E-03	6.39E-04	5.28E-03	8.97E-05	5.01E-03	0.07	3.62E-04	3.02E-03	2.33E-04	3.12E-03	1.56E-03	0.04	0.21		0.01
389	Oshawa Creek 6	673154.0	4859421.9		0.08	6.65E-04	4.03E-04	2.80E-06	2.78E-03	6.55E-04	5.41E-03	1.31E-04	5.25E-03	0.07	3.71E-04	3.02E-03	3.42E-04	3.17E-03	1.56E-03	0.04	0.22		0.01
390	Farmer	677409.8	4861051.4		0.08	7.76E-04	1.13E-03	7.87E-06	2.81E-03	7.47E-04	6.21E-03	3.69E-04	6.63E-03	0.07	4.24E-04	3.03E-03	9.60E-04	3.45E-03	1.58E-03	0.05	0.22		0.01
391	Commercial Market	688276.3	4864698.5		0.08	6.59E-04	3.64E-04	2.53E-06	2.78E-03	6.50E-04	5.37E-03	1.19E-04	5.18E-03	0.07	3.68E-04	3.02E-03	3.08E-04	3.16E-03	1.56E-03	0.04	0.22		0.01



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	
					Updated Facility Contaminant Emission Rate (g/s)	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06	6.81E-06	1.70E-06		4.47E-06	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07
					Background Concentration (ug/m3)		0.05				8.76E-04	6.25E-05			3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04
1	Campground 10	678526.8	4859996.8		1.09E-06	0.05	3.69E-06	1.11E-06	2.18E-06	8.81E-04	6.36E-05	2.87E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04		
2	ECO 2	675490.4	4860360.1		4.53E-07	0.05	1.53E-06	4.60E-07	9.06E-07	8.78E-04	6.29E-05	1.19E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
3	Recreational 5	681642.0	4860349.3		1.77E-06	0.05	5.96E-06	1.79E-06	3.53E-06	8.83E-04	6.42E-05	4.64E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04		
4	ECO 4	676831.5	4859840.9		1.01E-06	0.05	3.41E-06	1.03E-06	2.02E-06	8.80E-04	6.35E-05	2.65E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04		
5	Bow. Valley Cons. 3	685767.2	4863879.0		4.49E-07	0.05	1.52E-06	4.57E-07	8.99E-07	8.78E-04	6.29E-05	1.18E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
6	ECO 6	679647.8	4859989.3		1.24E-06	0.05	4.19E-06	1.26E-06	2.48E-06	8.81E-04	6.37E-05	3.26E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04		
7	ECO 7	681578.8	4862070.1		1.34E-06	0.05	4.54E-06	1.37E-06	2.69E-06	8.82E-04	6.38E-05	3.53E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04		
8	ECO 8	679735.5	4861048.6		2.07E-06	0.05	6.99E-06	2.10E-06	4.14E-06	8.85E-04	6.46E-05	5.44E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04		
9	ECO 9	687219.7	4864249.3		4.24E-07	0.05	1.43E-06	4.31E-07	8.48E-07	8.78E-04	6.29E-05	1.11E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
10	ECO 10	686519.0	4861987.6		4.26E-07	0.05	1.44E-06	4.33E-07	8.52E-07	8.78E-04	6.29E-05	1.12E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
11	ECO 11	679870.4	4859737.9		1.08E-06	0.05	3.65E-06	1.10E-06	2.16E-06	8.81E-04	6.36E-05	2.84E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04		
12	Recreational 4	681575.5	4860557.7		1.14E-06	0.05	3.86E-06	1.16E-06	2.29E-06	8.81E-04	6.36E-05	3.00E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04		
13	Future Industrial 9	680704.5	4859857.8		1.08E-06	0.05	3.66E-06	1.10E-06	2.17E-06	8.81E-04	6.36E-05	2.85E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04		
14	Future Industrial 10	680608.0	4860719.6		1.98E-06	0.05	6.68E-06	2.01E-06	3.96E-06	8.84E-04	6.45E-05	5.20E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04		
15	Harmony Creek	673992.4	4865641.4		4.40E-07	0.05	1.48E-06	4.47E-07	8.80E-07	8.78E-04	6.29E-05	1.16E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
16	Farewell Creek	678079.2	4868822.7		3.50E-07	0.05	1.18E-06	3.56E-07	7.01E-07	8.78E-04	6.28E-05	9.20E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
17	Farmer	681378.6	4860335.0		1.90E-06	0.05	6.42E-06	1.93E-06	3.80E-06	8.84E-04	6.44E-05	5.00E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04		
18	Watson Farm	682883.4	4864219.7		9.57E-07	0.05	3.23E-06	9.72E-07	1.91E-06	8.80E-04	6.34E-05	2.51E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04		
19	Racanski Farm	678929.2	4865530.2		6.61E-07	0.05	2.23E-06	6.71E-07	1.32E-06	8.79E-04	6.31E-05	1.74E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
20	Zoo	687216.8	4864835.3		3.30E-07	0.05	1.11E-06	3.36E-07	6.60E-07	8.78E-04	6.28E-05	8.67E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
21	Cedar Crest Beach	686652.1	4861660.9		6.50E-07	0.05	2.19E-06	6.60E-07	1.30E-06	8.79E-04	6.31E-05	1.71E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
22	Darlington Prov Park Beach	677844.6	4859718.2		1.27E-06	0.05	4.28E-06	1.29E-06	2.54E-06	8.81E-04	6.37E-05	3.33E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04		
23	OPG 1	682258.1	4860045.0		9.58E-07	0.05	3.24E-06	9.74E-07	1.92E-06	8.80E-04	6.34E-05	2.52E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04		
24	OPG 2	682551.4	4859889.1		8.18E-07	0.05	2.76E-06	8.31E-07	1.64E-06	8.80E-04	6.33E-05	2.15E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04		
25	OPG 3	682824.6	4859759.3		7.12E-07	0.05	2.40E-06	7.23E-07	1.42E-06	8.79E-04	6.32E-05	1.87E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
26	OPG 4	683021.6	4859937.3		7.91E-07	0.05	2.67E-06	8.04E-07	1.58E-06	8.79E-04	6.33E-05	2.08E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04		
27	OPG 5	683318.2	4859677.8		5.77E-07	0.05	1.95E-06	5.87E-07	1.15E-06	8.79E-04	6.31E-05	1.52E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04		
28	OPG 6	683306.9	4860023.0		7.67E-07	0.05	2.59E-06	7.79E-07	1.53E-06	8.79E-04	6.32E-05	2.01E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04		
29	OPG 7	683718.6	4859915.8		6.13E-07	0.05	2.07E-06	6.22E-07	1.23E-06	8.79E-04	6.31E-05	1.61E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04		
30	OPG 8	682702.0	4859998.6		9.16E-07	0.05	3.09E-06	9.31E-07	1.83E-06	8.80E-04	6.34E-05	2.41E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04		
31	OPG 9	684347.7	4861184.6		6.68E-07	0.05	2.25E-06	6.79E-07	1.34E-06	8.79E-04	6.31E-05	1.75E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
32	OPG 10	682157.2	4861228.2		1.21E-06	0.05	4.08E-06	1.23E-06	2.42E-06	8.81E-04	6.37E-05	3.18E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04		
33	St. Mary's 1	684557.0	4861070.0		6.93E-07	0.05	2.34E-06	7.04E-07	1.39E-06	8.79E-04	6.32E-05	1.82E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
34	St. Mary's 2	684657.3	4861320.8		5.99E-07	0.05	2.02E-06	6.08E-07	1.20E-06	8.79E-04	6.31E-05	1.57E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04		
35	St. Mary's 3	684905.3	4861154.4		6.78E-07	0.05	2.29E-06	6.89E-07	1.36E-06	8.79E-04	6.32E-05	1.78E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
36	Court. Subdivision 1	677328.4	4862976.1		6.93E-07	0.05	2.34E-06	7.04E-07	1.39E-06	8.79E-04	6.32E-05	1.82E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
37	Court. Subdivision 2	676187.9	4862611.1		5.41E-07	0.05	1.82E-06	5.49E-07	1.08E-06	8.78E-04	6.30E-05	1.42E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04		
38	Court. Subdivision 3	675974.8	4863484.1		3.57E-07	0.05	1.20E-06	3.62E-07	7.13E-07	8.78E-04	6.28E-05	9.37E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
39	Court. Subdivision 4	676606.1	4863214.1		5.30E-07	0.05	1.79E-06	5.39E-07	1.06E-06	8.78E-04	6.30E-05	1.39E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05									

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06	6.81E-06	1.70E-06		4.47E-06	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07
		Background Concentration (ug/m3)			0.05						8.76E-04	6.25E-05				3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05
55	Bow. Subdivision 10	685266.0	4863243.1		5.35E-07	0.05	1.81E-06	5.44E-07	1.07E-06	8.78E-04	6.30E-05	1.41E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
56	Osh/Court Subdivision 1	677396.8	4860977.3		1.34E-06	0.05	4.54E-06	1.37E-06	2.69E-06	8.82E-04	6.38E-05	3.53E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	
57	Osh/Court Subdivision 2	676633.5	4860816.8		5.71E-07	0.05	1.93E-06	5.80E-07	1.14E-06	8.79E-04	6.31E-05	1.50E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
58	Osh/Court Subdivision 3	676916.0	4861925.0		7.13E-07	0.05	2.41E-06	7.25E-07	1.43E-06	8.79E-04	6.32E-05	1.87E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
59	Osh/Court Subdivision 4	676730.5	4861317.1		8.50E-07	0.05	2.87E-06	8.64E-07	1.70E-06	8.80E-04	6.33E-05	2.23E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	
60	Osh/Court Subdivision 5	676087.2	4861392.3		6.91E-07	0.05	2.33E-06	7.02E-07	1.38E-06	8.79E-04	6.32E-05	1.81E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
61	Osh/Court Subdivision 6	676177.1	4861722.2		5.32E-07	0.05	1.80E-06	5.40E-07	1.06E-06	8.78E-04	6.30E-05	1.40E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
62	Osh/Court Subdivision 7	675670.7	4861783.2		4.73E-07	0.05	1.60E-06	4.81E-07	9.46E-07	8.78E-04	6.30E-05	1.24E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
63	Osh/Court Subdivision 8	676050.8	4862055.7		6.08E-07	0.05	2.05E-06	6.18E-07	1.22E-06	8.79E-04	6.31E-05	1.60E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
64	Osh/Court Subdivision 9	676636.9	4862134.3		6.98E-07	0.05	2.36E-06	7.09E-07	1.40E-06	8.79E-04	6.32E-05	1.83E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
65	Osh/Court Subdivision 10	676571.3	4861634.8		6.00E-07	0.05	2.03E-06	6.10E-07	1.20E-06	8.79E-04	6.31E-05	1.58E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
66	Bow. Subdivision 11	684649.2	4863182.7		5.54E-07	0.05	1.87E-06	5.63E-07	1.11E-06	8.78E-04	6.30E-05	1.46E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
67	Daycare B	685172.4	4863933.1		3.71E-07	0.05	1.25E-06	3.77E-07	7.43E-07	8.78E-04	6.29E-05	9.75E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
68	Daycare C	685452.0	4863104.4		5.23E-07	0.05	1.77E-06	5.32E-07	1.05E-06	8.78E-04	6.30E-05	1.37E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
69	Daycare D	685527.7	4864693.3		5.03E-07	0.05	1.70E-06	5.11E-07	1.01E-06	8.78E-04	6.30E-05	1.32E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
70	Daycare E	685735.4	4864790.8		4.65E-07	0.05	1.57E-06	4.73E-07	9.30E-07	8.78E-04	6.29E-05	1.22E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
71	Daycare F	685520.3	4864854.3		5.09E-07	0.05	1.72E-06	5.17E-07	1.02E-06	8.78E-04	6.30E-05	1.34E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
72	Daycare G	685441.9	4864878.0		4.96E-07	0.05	1.67E-06	5.04E-07	9.92E-07	8.78E-04	6.30E-05	1.30E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
73	Daycare H	686364.8	4864707.8		3.05E-07	0.05	1.03E-06	3.10E-07	6.10E-07	8.77E-04	6.28E-05	8.01E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
74	Daycare I	685721.6	4865127.3		4.61E-07	0.05	1.56E-06	4.69E-07	9.22E-07	8.78E-04	6.29E-05	1.21E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
75	Daycare J	678256.3	4863565.4		4.44E-07	0.05	1.50E-06	4.51E-07	8.88E-07	8.78E-04	6.29E-05	1.17E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
76	Daycare K	677694.1	4864043.7		4.24E-07	0.05	1.43E-06	4.31E-07	8.48E-07	8.78E-04	6.29E-05	1.11E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
77	Daycare L	676479.5	4862526.2		5.89E-07	0.05	1.99E-06	5.98E-07	1.18E-06	8.78E-04	6.31E-05	1.55E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
78	Daycare M	678320.9	4864763.5		4.23E-07	0.05	1.43E-06	4.29E-07	8.45E-07	8.78E-04	6.29E-05	1.11E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
79	Daycare N	678513.4	4865058.0		3.73E-07	0.05	1.26E-06	3.79E-07	7.46E-07	8.78E-04	6.29E-05	9.80E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
80	Daycare O	672788.7	4863936.6		2.57E-07	0.05	8.68E-07	2.61E-07	5.14E-07	8.77E-04	6.27E-05	6.76E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
81	Daycare P	673952.8	4863592.5		2.90E-07	0.05	9.80E-07	2.95E-07	5.81E-07	8.77E-04	6.28E-05	7.62E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
82	Daycare Q	671751.8	4864887.7		2.54E-07	0.05	8.58E-07	2.58E-07	5.08E-07	8.77E-04	6.27E-05	6.68E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
83	Daycare R	685714.4	4864667.4		4.41E-07	0.05	1.49E-06	4.48E-07	8.82E-07	8.78E-04	6.29E-05	1.16E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
84	Daycare S	684177.9	4863618.2		6.98E-07	0.05	2.36E-06	7.09E-07	1.40E-06	8.79E-04	6.32E-05	1.83E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
85	Daycare T	678423.6	4864480.4		4.20E-07	0.05	1.42E-06	4.27E-07	8.40E-07	8.78E-04	6.29E-05	1.10E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
86	Daycare U	685330.5	4863435.1		5.00E-07	0.05	1.69E-06	5.08E-07	1.00E-06	8.78E-04	6.30E-05	1.31E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
87	Daycare V	685153.2	4863236.9		5.02E-07	0.05	1.69E-06	5.10E-07	1.00E-06	8.78E-04	6.30E-05	1.32E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
88	Daycare W	672679.0	4862044.9		2.81E-07	0.05	9.47E-07	2.85E-07	5.61E-07	8.77E-04	6.28E-05	7.37E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
89	Daycare X	672076.5	4865285.8		2.63E-07	0.05	8.86E-07	2.67E-07	5.25E-07	8.77E-04	6.27E-05	6.90E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
90	Daycare Y	672638.0	4859664.4		2.82E-07	0.05	9.51E-07	2.86E-07	5.64E-07	8.77E-04	6.28E-05	7.40E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
91	Daycare Z	673735.9	4858958.0		5.96E-07	0.05	2.01E-06	6.05E-07	1.19E-06	8.79E-04	6.31E-05	1.56E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
92	Daycare AA	673121.8	4863385.9		2.94E-07	0.05	9.91E-07	2.98E-07	5.87E-07	8.77E-04	6.28E-05	7.71E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
93	Daycare BB																								

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06	6.81E-06	1.70E-06		4.47E-06	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07
		Background Concentration (ug/m3)			0.05						8.76E-04	6.25E-05				3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05
109	Hospital (Children's)	676057.8	4862180.9		6.40E-07	0.05	2.16E-06	6.50E-07	1.28E-06	8.79E-04	6.31E-05	1.68E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
110	Hospital	671233.2	4863615.9		2.01E-07	0.05	6.77E-07	2.04E-07	4.01E-07	8.77E-04	6.27E-05	5.27E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
111	Comm. Resp. Services	676045.4	4863902.5		5.53E-07	0.05	1.87E-06	5.62E-07	1.11E-06	8.78E-04	6.30E-05	1.45E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
112	Hospital	671712.7	4862364.1		2.33E-07	0.05	7.87E-07	2.37E-07	4.66E-07	8.77E-04	6.27E-05	6.13E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
113	Retirement Residence A	684199.9	4864120.3		5.36E-07	0.05	1.81E-06	5.45E-07	1.07E-06	8.78E-04	6.30E-05	1.41E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
114	Retirement Residence B	685483.9	4865150.9		4.27E-07	0.05	1.44E-06	4.34E-07	8.55E-07	8.78E-04	6.29E-05	1.12E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
115	Retirement Residence C	686844.0	4864732.1		3.47E-07	0.05	1.17E-06	3.53E-07	6.94E-07	8.78E-04	6.28E-05	9.11E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
116	Retirement Residence D	673481.7	4863343.4		3.18E-07	0.05	1.07E-06	3.23E-07	6.36E-07	8.78E-04	6.28E-05	8.36E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
117	Retirement Residence E	671825.2	4864399.0		2.38E-07	0.05	8.03E-07	2.42E-07	4.76E-07	8.77E-04	6.27E-05	6.25E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
118	Retirement Residence F	671606.3	4864536.0		2.41E-07	0.05	8.12E-07	2.44E-07	4.81E-07	8.77E-04	6.27E-05	6.32E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
119	Retirement Residence G	671357.1	4862958.7		2.40E-07	0.05	8.10E-07	2.44E-07	4.80E-07	8.77E-04	6.27E-05	6.30E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
120	Retirement Residence H	671514.0	4862262.9		2.44E-07	0.05	8.25E-07	2.48E-07	4.89E-07	8.77E-04	6.27E-05	6.42E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
121	Retirement Residence I	672602.2	4863075.9		2.37E-07	0.05	8.01E-07	2.41E-07	4.75E-07	8.77E-04	6.27E-05	6.23E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
122	Retirement Residence J	671719.1	4862893.1		2.43E-07	0.05	8.22E-07	2.47E-07	4.87E-07	8.77E-04	6.27E-05	6.40E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
123	Retirement Residence K	686718.0	4865648.7		3.58E-07	0.05	1.21E-06	3.64E-07	7.16E-07	8.78E-04	6.28E-05	9.40E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
124	Retirement Residence L	676168.7	4865669.9		3.55E-07	0.05	1.20E-06	3.61E-07	7.10E-07	8.78E-04	6.28E-05	9.33E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
125	Retirement Residence M	676118.5	4863980.7		5.91E-07	0.05	1.99E-06	6.00E-07	1.18E-06	8.79E-04	6.31E-05	1.55E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
126	Bow. Subdivision 12	684649.2	4863182.7		5.54E-07	0.05	1.87E-06	5.63E-07	1.11E-06	8.78E-04	6.30E-05	1.46E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
127	Primary School B	685384.8	4863575.3		5.03E-07	0.05	1.70E-06	5.11E-07	1.01E-06	8.78E-04	6.30E-05	1.32E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
128	Primary School C	685021.6	4863952.9		3.65E-07	0.05	1.23E-06	3.71E-07	7.31E-07	8.78E-04	6.28E-05	9.60E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
129	Primary School D	686237.0	4864085.5		4.25E-07	0.05	1.43E-06	4.31E-07	8.49E-07	8.78E-04	6.29E-05	1.12E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
130	Primary School E	686719.0	4863734.7		4.25E-07	0.05	1.43E-06	4.32E-07	8.50E-07	8.78E-04	6.29E-05	1.12E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
131	Primary School F	686357.0	4864754.9		2.89E-07	0.05	9.77E-07	2.94E-07	5.79E-07	8.77E-04	6.29E-05	7.60E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
132	Primary School G	685502.0	4865013.4		4.66E-07	0.05	1.57E-06	4.73E-07	9.31E-07	8.78E-04	6.29E-05	1.22E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
133	Primary School H	686726.7	4866061.5		3.41E-07	0.05	1.15E-06	3.46E-07	6.82E-07	8.78E-04	6.28E-05	8.95E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
134	Primary School I	685186.2	4866568.2		3.15E-07	0.05	1.06E-06	3.20E-07	6.30E-07	8.78E-04	6.28E-05	8.27E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
135	Primary School J	685965.3	4866979.0		3.10E-07	0.05	1.05E-06	3.15E-07	6.21E-07	8.78E-04	6.28E-05	8.15E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
136	Primary School K	677709.9	4864726.5		3.70E-07	0.05	1.25E-06	3.76E-07	7.41E-07	8.78E-04	6.29E-05	9.73E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
137	Primary School L	675988.3	4864270.2		6.60E-07	0.05	2.23E-06	6.70E-07	1.32E-06	8.79E-04	6.31E-05	1.73E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
138	Primary School M	676608.7	4862739.0		4.30E-07	0.05	1.45E-06	4.37E-07	8.60E-07	8.78E-04	6.29E-05	1.13E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
139	Primary School N	677222.2	4863759.1		7.79E-07	0.05	2.63E-06	7.92E-07	1.56E-06	8.79E-04	6.33E-05	2.05E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	
140	Primary School O	678154.9	4863872.7		4.87E-07	0.05	1.64E-06	4.94E-07	9.73E-07	8.78E-04	6.30E-05	1.28E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
141	Court. Subdivision 12	678309.6	4863600.8		4.45E-07	0.05	1.50E-06	4.52E-07	8.90E-07	8.78E-04	6.29E-05	1.17E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
142	Primary School Q	677010.6	4862470.6		5.35E-07	0.05	1.81E-06	5.44E-07	1.07E-06	8.78E-04	6.30E-05	1.41E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
143	Primary School R	677431.3	4866694.7		4.03E-07	0.05	1.36E-06	4.09E-07	8.06E-07	8.78E-04	6.29E-05	1.06E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
144	Primary School S	675266.2	4863562.9		3.38E-07	0.05	1.14E-06	3.44E-07	6.77E-07	8.78E-04	6.28E-05	8.89E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
145	Primary School T	673479.2	4860029.4		3.09E-07	0.05	1.04E-06	3.14E-07	6.19E-07	8.77E-04	6.28E-05	8.13E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
146	Primary School U	670856.0	4860710.6		2.05E-07	0.05	6.91E-07	2.08E-07	4.09E-07	8.77E-04	6.27E-05	5.38E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
1																									



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06	6.81E-06	1.70E-06		4.47E-06	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07
		Background Concentration (ug/m3)			0.05						8.76E-04	6.25E-05				3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05
163	Primary School LL	673762.3	4864210.6		2.66E-07	0.05	8.97E-07	2.70E-07	5.32E-07	8.77E-04	6.27E-05	6.98E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
164	Primary School MM	672238.8	4864621.3		2.54E-07	0.05	8.57E-07	2.58E-07	5.08E-07	8.77E-04	6.27E-05	6.67E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
165	Primary School NN	673213.6	4858677.0		3.70E-07	0.05	1.25E-06	3.76E-07	7.40E-07	8.78E-04	6.28E-05	9.71E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
166	Primary School OO	675474.8	4863221.7		4.00E-07	0.05	1.35E-06	4.06E-07	7.99E-07	8.78E-04	6.29E-05	1.05E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
167	Primary School PP	672441.8	4858748.6		4.61E-07	0.05	1.56E-06	4.68E-07	9.22E-07	8.78E-04	6.29E-05	1.21E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
168	Primary School QQ	672796.8	4864438.2		2.45E-07	0.05	8.27E-07	2.49E-07	4.90E-07	8.77E-04	6.27E-05	6.44E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
169	Primary School RR	671351.4	4863284.0		2.25E-07	0.05	7.59E-07	2.28E-07	4.50E-07	8.77E-04	6.27E-05	5.91E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
170	Primary School SS	673213.9	4862125.5		3.11E-07	0.05	1.05E-06	3.16E-07	6.22E-07	8.78E-04	6.28E-05	8.18E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
171	Primary School TT	671017.9	4860953.7		1.79E-07	0.05	6.06E-07	1.82E-07	3.59E-07	8.77E-04	6.27E-05	4.71E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
172	Primary School UU	670991.0	4861089.8		1.69E-07	0.05	5.70E-07	1.72E-07	3.38E-07	8.77E-04	6.26E-05	4.43E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
173	Primary School VV	674150.1	4862294.8		3.10E-07	0.05	1.05E-06	3.15E-07	6.21E-07	8.78E-04	6.28E-05	8.15E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
174	Primary School WW	672005.2	4861707.9		2.36E-07	0.05	7.98E-07	2.40E-07	4.73E-07	8.77E-04	6.27E-05	6.21E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
175	Primary School XX	684172.1	4863615.6		7.12E-07	0.05	2.40E-06	7.24E-07	1.42E-06	8.79E-04	6.32E-05	1.87E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
176	Primary School YY	683923.3	4866636.4		4.17E-07	0.05	1.41E-06	4.24E-07	8.34E-07	8.78E-04	6.29E-05	1.09E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
177	Primary School ZZ	680446.0	4865770.5		2.96E-07	0.05	1.00E-06	3.01E-07	5.93E-07	8.77E-04	6.28E-05	7.78E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
178	Vacant School	685612.9	4864520.0		3.99E-07	0.05	1.35E-06	4.05E-07	7.98E-07	8.78E-04	6.29E-05	1.05E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
179	Secondary School A	686291.4	4865064.3		3.39E-07	0.05	1.14E-06	3.44E-07	6.78E-07	8.78E-04	6.28E-05	8.90E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
180	Secondary School B	683875.0	4864741.7		6.95E-07	0.05	2.35E-06	7.06E-07	1.39E-06	8.79E-04	6.32E-05	1.83E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
181	Secondary School C	684650.3	4866460.3		3.30E-07	0.05	1.11E-06	3.36E-07	6.61E-07	8.78E-04	6.28E-05	8.68E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
182	Secondary School D	678099.5	4864838.2		4.43E-07	0.05	1.49E-06	4.50E-07	8.85E-07	8.78E-04	6.29E-05	1.16E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
183	Secondary School E	678467.0	4863431.2		5.10E-07	0.05	1.72E-06	5.18E-07	1.02E-06	8.78E-04	6.30E-05	1.34E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
184	Secondary School F	674144.9	4862762.7		2.93E-07	0.05	9.90E-07	2.98E-07	5.87E-07	8.77E-04	6.28E-05	7.70E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
185	Secondary School G	673816.0	4864357.1		2.82E-07	0.05	9.51E-07	2.86E-07	5.63E-07	8.77E-04	6.32E-05	7.40E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
186	Secondary School H	673145.4	4858569.0		3.78E-07	0.05	1.28E-06	3.84E-07	7.56E-07	8.78E-04	6.29E-05	9.93E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
187	Secondary School I	671291.7	4863581.3		2.06E-07	0.05	6.96E-07	2.09E-07	4.12E-07	8.77E-04	6.27E-05	5.42E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
188	Secondary School J	671443.2	4861664.9		1.96E-07	0.05	6.61E-07	1.99E-07	3.92E-07	8.77E-04	6.27E-05	5.14E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
189	Secondary School K	673235.3	4860885.0		2.24E-07	0.05	7.58E-07	2.28E-07	4.49E-07	8.77E-04	6.27E-05	5.90E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
190	Secondary School L	684252.7	4866500.5		3.71E-07	0.05	1.25E-06	3.77E-07	7.41E-07	8.78E-04	6.29E-05	9.73E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
191	Secondary School M	673914.1	4859551.7		4.64E-07	0.05	1.57E-06	4.72E-07	9.28E-07	8.78E-04	6.29E-05	1.22E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
192	Secondary School N	675051.5	4864177.2		3.27E-07	0.05	1.10E-06	3.32E-07	6.53E-07	8.78E-04	6.28E-05	8.58E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
193	Adult School	685276.1	4866019.8		3.86E-07	0.05	1.30E-06	3.92E-07	7.71E-07	8.78E-04	6.29E-05	1.01E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
194	Bow. Valley Cons. 1	685356.6	4864521.2		4.68E-07	0.05	1.58E-06	4.75E-07	9.36E-07	8.78E-04	6.29E-05	1.23E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
195	Bow. Valley Cons. 2	685627.7	4864167.8		3.52E-07	0.05	1.19E-06	3.57E-07	7.03E-07	8.78E-04	6.28E-05	9.23E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
196	Bow. Valley Cons. 4	685852.7	4863640.2		4.48E-07	0.05	1.51E-06	4.56E-07	8.97E-07	8.78E-04	6.29E-05	1.18E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
197	Bow. Valley Cons. 5	686163.1	4863621.5		4.86E-07	0.05	1.64E-06	4.94E-07	9.72E-07	8.78E-04	6.30E-05	1.28E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
198	Bow. Valley Cons. 6	685931.9	4863380.6		4.53E-07	0.05	1.53E-06	4.60E-07	9.06E-07	8.78E-04	6.29E-05	1.19E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
199	Maple Grove 1	681688.5	4864717.0		4.23E-07	0.05	1.43E-06	4.30E-07	8.46E-07	8.78E-04	6.29E-05	1.11E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
200	Maple Grove 2	681768.9	4864631.8		4.66E-07	0.05	1.57E-06	4.74E-07	9.32E-07	8.78E-04	6.29E-05	1.22E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
201	Maple Grove 3	681894.9	4864506.8		4.50E-07	0.05	1.52E-06	4.58E-07	9.01E-07	8.78E-04	6.29E-05	1.18E-06													

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06	6.81E-06	1.70E-06		4.47E-06	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07
		Background Concentration (ug/m3)			0.05						8.76E-04	6.25E-05				3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05
217	Port Darlington 9	686867.4	4862119.7		4.05E-07	0.05	1.37E-06	4.12E-07	8.11E-07	8.78E-04	6.29E-05	1.06E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
218	Port Darlington 10	687190.7	4862048.8		3.82E-07	0.05	1.29E-06	3.88E-07	7.63E-07	8.78E-04	6.29E-05	1.00E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
219	Port Darlington 11	687524.4	4862126.8		3.62E-07	0.05	1.22E-06	3.68E-07	7.25E-07	8.78E-04	6.28E-05	9.52E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
220	Campground 1	678646.3	4860337.7		1.34E-06	0.05	4.53E-06	1.36E-06	2.68E-06	8.82E-04	6.38E-05	3.52E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	
221	Campground 2	678410.2	4860148.6		1.47E-06	0.05	4.96E-06	1.49E-06	2.94E-06	8.82E-04	6.40E-05	3.86E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	
222	Campground 3	678651.0	4860054.4		1.19E-06	0.05	4.01E-06	1.21E-06	2.38E-06	8.81E-04	6.37E-05	3.12E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	
223	Campground 4	678725.9	4859860.7		1.13E-06	0.05	3.81E-06	1.15E-06	2.26E-06	8.81E-04	6.36E-05	2.96E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	
224	Campground 5	678511.1	4859808.6		8.23E-07	0.05	2.78E-06	8.36E-07	1.65E-06	8.80E-04	6.33E-05	2.16E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	
225	Campground 6	678869.5	4859696.0		9.97E-07	0.05	3.36E-06	1.01E-06	1.99E-06	8.80E-04	6.35E-05	2.62E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	
226	Campground 7	678723.9	4860201.8		1.58E-06	0.05	5.35E-06	1.61E-06	3.17E-06	8.83E-04	6.41E-05	4.16E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	
227	Campground 8	678796.0	4860011.4		1.09E-06	0.05	3.68E-06	1.11E-06	2.18E-06	8.81E-04	6.36E-05	2.86E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	
228	Campground 9	678852.7	4859854.2		1.05E-06	0.05	3.55E-06	1.07E-06	2.10E-06	8.80E-04	6.35E-05	2.76E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	
229	Solina 1	681099.6	4861677.2		1.20E-06	0.05	4.06E-06	1.22E-06	2.41E-06	8.81E-04	6.37E-05	3.16E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	
230	Solina 2	681115.7	4861857.7		1.21E-06	0.05	4.09E-06	1.23E-06	2.42E-06	8.81E-04	6.37E-05	3.18E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	
231	Solina 3	680987.4	4861983.5		1.24E-06	0.05	4.20E-06	1.26E-06	2.49E-06	8.81E-04	6.37E-05	3.27E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	
232	Solina 4	680965.0	4862068.1		1.13E-06	0.05	3.82E-06	1.15E-06	2.27E-06	8.81E-04	6.36E-05	2.98E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	
233	Solina 5	681021.5	4862086.7		1.18E-06	0.05	3.99E-06	1.20E-06	2.37E-06	8.81E-04	6.37E-05	3.11E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	
234	Solina 6	680939.8	4862124.3		9.93E-07	0.05	3.35E-06	1.01E-06	1.99E-06	8.80E-04	6.35E-05	2.61E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	
235	Solina 7	680988.2	4862183.6		1.05E-06	0.05	3.55E-06	1.07E-06	2.11E-06	8.80E-04	6.35E-05	2.76E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	
236	Solina 8	680984.6	4862209.8		9.95E-07	0.05	3.36E-06	1.01E-06	1.99E-06	8.80E-04	6.35E-05	2.61E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	
237	Solina 9	680958.6	4862294.9		1.04E-06	0.05	3.49E-06	1.05E-06	2.07E-06	8.80E-04	6.35E-05	2.72E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	
238	Solina 10	680858.0	4862324.3		1.36E-06	0.05	4.58E-06	1.38E-06	2.71E-06	8.82E-04	6.38E-05	3.56E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	
239	Solina 11	680990.3	4862403.5		1.00E-06	0.05	3.39E-06	1.02E-06	2.01E-06	8.80E-04	6.35E-05	2.63E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	
240	Recreational 1	681545.0	4860865.0		1.11E-06	0.05	3.73E-06	1.12E-06	2.21E-06	8.81E-04	6.36E-05	2.91E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	
241	Recreational 2	681563.7	4860687.4		1.54E-06	0.05	5.21E-06	1.57E-06	3.09E-06	8.82E-04	6.40E-05	4.06E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	
242	Recreational 3	681579.7	4860610.0		1.30E-06	0.05	4.39E-06	1.32E-06	2.60E-06	8.81E-04	6.38E-05	3.42E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	
243	Recreational 6	681876.6	4860254.4		1.65E-06	0.05	5.56E-06	1.67E-06	3.29E-06	8.83E-04	6.41E-05	4.33E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	
244	Recreational 7	682166.9	4860324.4		1.49E-06	0.05	5.03E-06	1.51E-06	2.98E-06	8.82E-04	6.40E-05	3.91E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	
245	Darlington 1	679565.4	4861052.9		2.06E-06	0.05	6.96E-06	2.10E-06	4.13E-06	8.85E-04	6.45E-05	5.42E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	
246	Darlington 2	679452.9	4861051.4		1.86E-06	0.05	6.27E-06	1.89E-06	3.72E-06	8.84E-04	6.43E-05	4.88E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.79E-05	1.36E-04	
247	Darlington 3	679130.5	4860948.8		1.87E-06	0.05	6.30E-06	1.90E-06	3.73E-06	8.84E-04	6.43E-05	4.91E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.79E-05	1.36E-04	
248	Darlington 4	679112.6	4860941.9		1.90E-06	0.05	6.40E-06	1.93E-06	3.80E-06	8.84E-04	6.44E-05	4.98E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	
249	Darlington 5	679057.6	4860994.1		1.78E-06	0.05	6.00E-06	1.81E-06	3.55E-06	8.83E-04	6.43E-05	4.67E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	
250	Darlington 6	679075.2	4860931.6		1.91E-06	0.05	6.45E-06	1.94E-06	3.82E-06	8.84E-04	6.44E-05	5.02E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	
251	Darlington 7	678814.3	4860843.1		1.43E-06	0.05	4.84E-06	1.46E-06	2.87E-06	8.82E-04	6.39E-05	3.77E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	
252	Darlington 8	678840.4	4860777.1		1.21E-06	0.05	4.09E-06	1.23E-06	2.42E-06	8.81E-04	6.37E-05	3.18E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	
253	Light Ind. 1	680000.1	4861034.1		1.37E-06	0.05	4.63E-06	1.39E-06	2.74E-06	8.82E-04	6.39E-05	3.60E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	
254	Light Ind. 2	680060.7	4861056.4		1.41E-06	0.05	4.75E-06	1.43E-06	2.82E-06	8.82E-04	6.39E-05	3.70E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05		

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06	6.81E-06	1.70E-06		4.47E-06	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07
		Background Concentration (ug/m3)	0.05								8.76E-04	6.25E-05				3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05
271	Future Industrial 5	679898.8	4860067.4		1.45E-06	0.05	4.89E-06	1.47E-06	2.90E-06	8.82E-04	6.39E-05	3.80E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	
272	Future Industrial 6	680134.8	4860694.1		2.03E-06	0.05	6.86E-06	2.07E-06	4.07E-06	8.84E-04	6.45E-05	5.34E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	
273	Future Industrial 11	680253.7	4860255.2		1.42E-06	0.05	4.81E-06	1.45E-06	2.85E-06	8.82E-04	6.39E-05	3.74E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	
274	Future Industrial 12	679901.2	4860511.8		1.29E-06	0.05	4.36E-06	1.31E-06	2.58E-06	8.81E-04	6.38E-05	3.39E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	
275	Commercial Farmer	679867.8	4860445.4		1.33E-06	0.05	4.49E-06	1.35E-06	2.66E-06	8.82E-04	6.38E-05	3.50E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	
276	Farmer	679277.0	4859981.5		1.22E-06	0.05	4.12E-06	1.24E-06	2.44E-06	8.81E-04	6.37E-05	3.21E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	
277	Residence	679387.2	4860648.9		1.30E-06	0.05	4.40E-06	1.33E-06	2.61E-06	8.81E-04	6.38E-05	3.43E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	
278	Barn	679261.9	4860574.2		1.27E-06	0.05	4.29E-06	1.29E-06	2.54E-06	8.81E-04	6.38E-05	3.34E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	
279	Residence	680150.7	4861295.7		1.79E-06	0.05	6.04E-06	1.82E-06	3.58E-06	8.83E-04	6.43E-05	4.70E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	
280	Residence	679939.8	4861213.4		1.43E-06	0.05	4.83E-06	1.45E-06	2.86E-06	8.82E-04	6.39E-05	3.76E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	
281	Farmer	680855.7	4861456.9		1.56E-06	0.05	5.28E-06	1.59E-06	3.13E-06	8.83E-04	6.40E-05	4.11E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	
282	Farmer	681386.2	4861673.3		1.58E-06	0.05	5.34E-06	1.61E-06	3.16E-06	8.83E-04	6.41E-05	4.15E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	
283	Residence	680683.5	4861597.9		1.42E-06	0.05	4.78E-06	1.44E-06	2.83E-06	8.82E-04	6.39E-05	3.72E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	
284	Business	680064.3	4861343.7		1.56E-06	0.05	5.27E-06	1.59E-06	3.12E-06	8.83E-04	6.40E-05	4.10E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	
285	Farmer	679680.1	4861213.5		1.63E-06	0.05	5.52E-06	1.66E-06	3.27E-06	8.83E-04	6.41E-05	4.29E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	
286	Farmer	681344.8	4861792.9		1.25E-06	0.05	4.23E-06	1.27E-06	2.50E-06	8.81E-04	6.37E-05	3.29E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	
287	Youth Centre	685644.2	4864814.8		4.97E-07	0.05	1.68E-06	5.05E-07	9.93E-07	8.78E-04	6.30E-05	1.30E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
288	Bowmanville Arena	685462.9	4864615.2		4.96E-07	0.05	1.67E-06	5.03E-07	9.91E-07	8.78E-04	6.30E-05	1.30E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
289	Bowmanville Rec Complex	684160.3	4864604.5		5.48E-07	0.05	1.85E-06	5.56E-07	1.10E-06	8.78E-04	6.30E-05	1.44E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	
290	Recreation Complex	684586.6	4862406.3		4.92E-07	0.05	1.66E-06	5.00E-07	9.84E-07	8.78E-04	6.30E-05	1.29E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
291	Superdog Central	681487.7	4865723.3		3.44E-07	0.05	1.16E-06	3.50E-07	6.89E-07	8.78E-04	6.28E-05	9.05E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
292	Equestrian Centre	681567.1	4863670.7		7.08E-07	0.05	2.39E-06	7.19E-07	1.42E-06	8.79E-04	6.32E-05	1.86E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
293	Flea Market	678574.6	4862819.4		8.14E-07	0.05	2.75E-06	8.27E-07	1.63E-06	8.80E-04	6.31E-05	2.14E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	
294	Equestrian Centre	680030.8	4867320.2		2.59E-07	0.05	8.73E-07	2.63E-07	5.17E-07	8.77E-04	6.27E-05	6.80E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04	
295	Courtice Community Comp	678099.3	4864629.8		4.76E-07	0.05	1.61E-06	4.83E-07	9.52E-07	8.78E-04	6.30E-05	1.25E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	
296	Former Restaurant	679830.2	4860702.2		1.58E-06	0.05	5.32E-06	1.60E-06	3.15E-06	8.83E-04	6.41E-05	4.14E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	
297	Commercial	679364.8	4861016.0		1.82E-06	0.05	6.14E-06	1.85E-06	3.64E-06	8.84E-04	6.43E-05	4.78E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	
298	GM Oshawa Headquarters	676418.3	4860463.7		6.67E-07	0.05	2.25E-06	6.77E-07	1.33E-06	8.79E-04	6.31E-05	1.75E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
299	Farm A?	682972.3	4862201.9		7.60E-07	0.05	2.57E-06	7.73E-07	1.52E-06	8.79E-04	6.32E-05	2.00E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
300	Farm B?	683546.9	4861959.7		6.95E-07	0.05	2.35E-06	7.06E-07	1.39E-06	8.79E-04	6.32E-05	1.83E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
301	Farm C?	682547.5	4862321.1		9.96E-07	0.05	3.36E-06	1.01E-06	1.99E-06	8.80E-04	6.35E-05	2.62E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	
302	Farm D?	683238.3	4862393.3		6.97E-07	0.05	2.35E-06	7.08E-07	1.39E-06	8.79E-04	6.32E-05	1.83E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	
303	Farm E?	682512.6	4862858.0		8.40E-07	0.05	2.84E-06	8.53E-07	1.68E-06	8.80E-04	6.33E-05	2.21E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	
304	Farm F?	683129.1	4863649.4		9.47E-07	0.05	3.20E-06	9.62E-07	1.89E-06	8.80E-04	6.34E-05	2.49E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	
305	Bennett 1	688209.3	4862512.1		3.27E-07	0.05	1.10E-06	3.32E-07	6.54E-07	8.78E-04	6.28E-05	8.59E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
306	Bennett 2	687990.0	4863221.3		3.09E-07	0.05	1.04E-06	3.14E-07	6.18E-07	8.77E-04	6.28E-05	8.12E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
307	Bennett 3	688818.4	4862836.3		3.27E-07	0.05	1.10E-06	3.32E-07	6.54E-07	8.78E-04	6.28E-05	8.59E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04	
308	Bennett 4	689045.1	4863365.5		3.38E-07	0.05	1.14E-06	3.43E-07	6.76E-07	8.78E-04	6.28E-05	8.88E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04	
309	Bennett 5	688270.5																							

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	
					Updated Facility Contaminant Emission Rate (g/s)	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06	6.81E-06	1.70E-06		4.47E-06	4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07
					Background Concentration (ug/m3)		0.05				8.76E-04	6.25E-05			3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.07E-05	6.77E-05	1.35E-04
325	Bowmanville 5	682452.2	4869417.5		2.00E-07	0.05	6.76E-07	2.04E-07	4.01E-07	8.77E-04	6.27E-05	5.26E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
326	Bowmanville 6	684778.5	4864888.2		4.05E-07	0.05	1.37E-06	4.11E-07	8.10E-07	8.78E-04	6.29E-05	1.06E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
327	Bowmanville 7	684549.5	4866404.4		3.29E-07	0.05	1.11E-06	3.34E-07	6.58E-07	8.78E-04	6.28E-05	8.64E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
328	Upper Tooley 1	679944.8	4864883.1		4.52E-07	0.05	1.53E-06	4.59E-07	9.04E-07	8.78E-04	6.29E-05	1.19E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
329	Upper Tooley 2	679055.1	4863885.8		4.33E-07	0.05	1.46E-06	4.40E-07	8.67E-07	8.78E-04	6.29E-05	1.14E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
330	Upper Tooley 3	679714.0	4862767.4		7.94E-07	0.05	2.68E-06	8.07E-07	1.59E-06	8.79E-04	6.33E-05	2.09E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04		
331	Upper Tooley 4	678898.8	4861800.6		1.22E-06	0.05	4.12E-06	1.24E-06	2.44E-06	8.81E-04	6.37E-05	3.21E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04		
332	Upper Tooley 5	680353.5	4862156.5		1.06E-06	0.05	3.57E-06	1.08E-06	2.12E-06	8.80E-04	6.35E-05	2.78E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04		
333	Upper Tooley 6	679818.1	4861625.7		1.32E-06	0.05	4.47E-06	1.35E-06	2.65E-06	8.82E-04	6.38E-05	3.48E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04		
334	Robinson 1	678434.8	4860943.1		1.21E-06	0.05	4.09E-06	1.23E-06	2.43E-06	8.81E-04	6.37E-05	3.19E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04		
335	Robinson 2	677752.6	4861240.6		9.93E-07	0.05	3.35E-06	1.01E-06	1.99E-06	8.80E-04	6.35E-05	2.61E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04		
336	Robinson 3	677642.2	4861787.2		7.39E-07	0.05	2.50E-06	7.51E-07	1.48E-06	8.79E-04	6.32E-05	1.94E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
337	Robinson 4	678532.7	4862143.6		1.02E-06	0.05	3.45E-06	1.04E-06	2.05E-06	8.80E-04	6.35E-05	2.69E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04		
338	Robinson 5	678005.1	4862784.9		9.07E-07	0.05	3.06E-06	9.21E-07	1.81E-06	8.80E-04	6.34E-05	2.38E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04		
339	Robinson 6	677882.7	4860587.7		9.20E-07	0.05	3.11E-06	9.35E-07	1.84E-06	8.80E-04	6.34E-05	2.42E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04		
340	F/B 1	677443.1	4867862.1		2.77E-07	0.05	9.35E-07	2.81E-07	5.54E-07	8.77E-04	6.28E-05	7.27E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
341	F/B 2	679667.4	4866611.4		3.99E-07	0.05	1.35E-06	4.06E-07	7.98E-07	8.78E-04	6.29E-05	1.05E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
342	F/B 3	678655.0	4867470.1		4.11E-07	0.05	1.39E-06	4.18E-07	8.22E-07	8.78E-04	6.29E-05	1.08E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
343	F/B 4	676191.2	4866844.7		2.83E-07	0.05	9.57E-07	2.88E-07	5.67E-07	8.77E-04	6.28E-05	7.45E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
344	F/B 5	678273.3	4866093.0		3.87E-07	0.05	1.31E-06	3.93E-07	7.73E-07	8.78E-04	6.29E-05	1.02E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
345	F/B 6	681241.2	4867098.8		2.83E-07	0.05	9.56E-07	2.88E-07	5.67E-07	8.77E-04	6.28E-05	7.44E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
346	F/B 7	682165.3	4868082.3		2.51E-07	0.05	8.48E-07	2.55E-07	5.02E-07	8.77E-04	6.27E-05	6.60E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
347	F/B 8	679366.6	4868628.3		3.04E-07	0.05	1.03E-06	3.09E-07	6.07E-07	8.77E-04	6.28E-05	7.98E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04		
348	F/B 9	680310.1	4869967.1		1.84E-07	0.05	6.23E-07	1.87E-07	3.69E-07	8.77E-04	6.27E-05	4.85E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
349	F/B 10	676487.3	4869291.6		3.34E-07	0.05	1.13E-06	3.40E-07	6.68E-07	8.78E-04	6.28E-05	8.78E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
350	F/B 11	676851.4	4865409.3		3.42E-07	0.05	1.15E-06	3.47E-07	6.84E-07	8.78E-04	6.28E-05	8.98E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.78E-05	1.36E-04		
351	F/B 12	681153.3	4868682.2		2.34E-07	0.05	7.91E-07	2.38E-07	4.68E-07	8.77E-04	6.27E-05	6.15E-07	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04		
352	F/B 13	675416.3	4859833.9		6.60E-07	0.05	2.23E-06	6.71E-07	1.32E-06	8.79E-04	6.31E-05	1.73E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
353	Second 1	675153.4	4860552.8		4.43E-07	0.05	1.49E-06	4.50E-07	8.85E-07	8.78E-04	6.29E-05	1.16E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
354	Second 2	675297.5	4860891.3		4.01E-07	0.05	1.35E-06	4.08E-07	8.03E-07	8.78E-04	6.29E-05	1.05E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
355	Second 3	675647.2	4860644.9		5.21E-07	0.05	1.76E-06	5.29E-07	1.04E-06	8.78E-04	6.30E-05	1.37E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04		
356	Second 4	675670.5	4860076.5		5.41E-07	0.05	1.83E-06	5.50E-07	1.08E-06	8.78E-04	6.30E-05	1.42E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04		
357	Second 5	676043.3	4860319.1		5.05E-07	0.05	1.70E-06	5.13E-07	1.01E-06	8.78E-04	6.30E-05	1.33E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04		
358	Second 6	675923.4	4859821.4		8.07E-07	0.05	2.72E-06	8.20E-07	1.61E-06	8.79E-04	6.33E-05	2.12E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04		
359	McLaughlin Bay 1	676714.7	4860903.8		6.79E-07	0.05	2.29E-06	6.90E-07	1.36E-06	8.79E-04	6.32E-05	1.78E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04		
360	McLaughlin Bay 2	677310.8	4860528.2		8.54E-07	0.05	2.88E-06	8.68E-07	1.71E-06	8.80E-04	6.33E-05	2.24E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04		
361	McLaughlin Bay 3	676563.5	4860260.1		5.77E-07	0.05	1.95E-06	5.86E-07	1.15E-06	8.79E-04	6.31E-05	1.52E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04		
362	McLaughlin Bay 4	676699.5	4859696.6		1.52E-06	0.05	5.15E-06	1.55E-06	3.05E-06	8.82E-04	6.40E-05	4.00E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04		
363	McLaughlin Bay 5	677560.0	4860060.1		1.20E-06	0.05	4.05E-06	1.22E-06	2.40E-06	8.81E-04	6.37E-05	3.15E-06	3.09E-												



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.70E-06	1.70E-06	5.74E-06	1.73E-06	3.40E-06	6.81E-06	1.70E-06	4.47E-06		4.79E-07	6.15E-07	1.34E-07	4.96E-08	1.27E-07	3.34E-08	9.13E-07	6.25E-07	1.36E-06	1.14E-07	2.88E-07
		Background Concentration (ug/m3)	0.05							8.76E-04	6.25E-05				3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05
379	Darlington 5	683223.2	4861114.0		9.47E-07	0.05	3.20E-06	9.62E-07	1.89E-06	8.80E-04	6.34E-05	2.49E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04
380	Darlington 6	683947.7	4862362.0		6.96E-07	0.05	2.35E-06	7.07E-07	1.39E-06	8.79E-04	6.32E-05	1.83E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04
381	Darlington 7	685361.9	4861143.4		5.23E-07	0.05	1.77E-06	5.32E-07	1.05E-06	8.78E-04	6.30E-05	1.37E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04
382	Bennett ECO/HH	688606.4	4862634.8		3.04E-07	0.05	1.03E-06	3.09E-07	6.08E-07	8.77E-04	6.28E-05	7.99E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04
383	Oshawa ECO/HH	673884.9	4859128.9		6.83E-07	0.05	2.31E-06	6.94E-07	1.37E-06	8.79E-04	6.32E-05	1.79E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04
384	Oshawa Creek 1	671671.2	4862793.7		2.44E-07	0.05	8.25E-07	2.48E-07	4.89E-07	8.77E-04	6.27E-05	6.42E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04
385	Oshawa Creek 2	671668.5	4861589.5		1.94E-07	0.05	6.54E-07	1.97E-07	3.88E-07	8.77E-04	6.27E-05	5.09E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04
386	Oshawa Creek 3	672820.2	4861287.2		2.22E-07	0.05	7.49E-07	2.26E-07	4.44E-07	8.77E-04	6.27E-05	5.83E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04
387	Oshawa Creek 4	672360.3	4860262.6		2.60E-07	0.05	8.79E-07	2.65E-07	5.21E-07	8.77E-04	6.27E-05	6.84E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.09E-05	6.77E-05	1.35E-04
388	Oshawa Creek 5	673921.2	4860115.0		3.08E-07	0.05	1.04E-06	3.13E-07	6.16E-07	8.77E-04	6.28E-05	8.09E-07		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.10E-05	6.77E-05	1.36E-04
389	Oshawa Creek 6	673154.0	4859421.9		4.51E-07	0.05	1.52E-06	4.58E-07	9.02E-07	8.78E-04	6.29E-05	1.19E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04
390	Farmer	677409.8	4861051.4		1.27E-06	0.05	4.28E-06	1.29E-06	2.53E-06	8.81E-04	6.37E-05	3.33E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04
391	Commercial Market	688276.3	4864698.5		4.07E-07	0.05	1.37E-06	4.14E-07	8.14E-07	8.78E-04	6.29E-05	1.07E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.36E-03	1.35E-04	9.64E-05	1.35E-04	8.86E-07	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00
1	Campground 10	678526.8	4859996.8		1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.68E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.64E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
2	ECO 2	675490.4	4860360.1		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.36E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.75E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
3	Recreational 5	681642.0	4860349.3		1.47E-03	1.35E-04	9.65E-05	1.35E-04	9.19E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.07E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
4	ECO 4	676831.5	4859840.9		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.25E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.14E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.34E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.73E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
6	ECO 6	679647.8	4859989.3		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.45E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.54E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
7	ECO 7	681578.8	4862070.1		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.99E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.17E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
8	ECO 8	679735.5	4861048.6		1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.08E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.26E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00
9	ECO 9	687219.7	4864249.3		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.21E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.58E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
10	ECO 10	686519.0	4861987.6		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.22E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.59E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
11	ECO 11	679870.4	4859737.9		1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.62E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.57E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
12	Recreational 4	681575.5	4860557.7		1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.95E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.94E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
13	Future Industrial 9	680704.5	4859857.8		1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.64E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.59E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
14	Future Industrial 10	680608.0	4860719.6		1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.03E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.20E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
15	Harmony Creek	673992.4	4865641.4		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.29E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.67E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
16	Farewell Creek	678079.2	4868822.7		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.82E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.13E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
17	Farmer	681378.6	4860335.0		1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.90E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.16E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
18	Watson Farm	682883.4	4864219.7		1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.98E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.82E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
19	Racanski Farm	678929.2	4865530.2		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.44E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.02E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
20	Zoo	687216.8	4864835.3		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.72E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.01E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.38E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.95E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.60E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.71E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
23	OPG 1	682258.1	4860045.0		1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.99E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.83E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
24	OPG 2	682551.4	4859889.1		1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.25E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.97E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
25	OPG 3	682824.6	4859759.3		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.70E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.32E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
26	OPG 4	683021.6	4859937.3		1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.12E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.81E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
27	OPG 5	683318.2	4859677.8		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.00E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.51E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
28	OPG 6	683306.9	4860023.0		1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.99E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.66E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
29	OPG 7	683718.6	4859915.8		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.19E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.72E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
30	OPG 8	682702.0	4859998.6		1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.77E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.57E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
31	OPG 9	684347.7	4861184.6		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.48E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.06E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
32	OPG 10	682157.2	4861228.2		1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.30E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.35E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
33	St. Mary's 1	684557.0	4861070.0		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.60E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.21E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
34	St. Mary's 2	684657.3	4861320.8		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.11E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.64E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
35	St. Mary's 3	684905.3	4861154.4		1.40E-03	1.35E-04	9.65E-0																			

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene				
					Updated Facility Contaminant Emission Rate (g/s)																									
					Background Concentration (ug/m3)	1.36E-03	1.35E-04	9.64E-05	1.35E-04		6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00			
55	Bow. Subdivision 10	685266.0	4863243.1		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.79E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.25E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
56	Osh/Court Subdivision 1	677396.8	4860977.3		1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.00E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.17E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00				
57	Osh/Court Subdivision 2	676633.5	4860816.8		1.40E-03	1.35E-04	9.65E-05	1.35E-04	2.97E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.47E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
58	Osh/Court Subdivision 3	676916.0	4861925.0		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.71E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.33E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
59	Osh/Court Subdivision 4	676730.5	4861317.1		1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.17E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00				
60	Osh/Court Subdivision 5	676087.2	4861392.3		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.60E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.20E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
61	Osh/Court Subdivision 6	676177.1	4861722.2		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.77E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.23E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
62	Osh/Court Subdivision 7	675670.7	4861783.2		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.46E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.88E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
63	Osh/Court Subdivision 8	676050.8	4862055.7		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.17E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.70E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
64	Osh/Court Subdivision 9	676636.9	4862134.3		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.63E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.24E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
65	Osh/Court Subdivision 10	676571.3	4861634.8		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.12E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.65E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
66	Bow. Subdivision 11	684649.2	4863182.7		1.40E-03	1.35E-04	9.65E-05	1.35E-04	2.88E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.37E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
67	Daycare B	685172.4	4863933.1		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.93E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.26E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
68	Daycare C	685452.0	4863104.4		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.72E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.18E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
69	Daycare D	685527.7	4864693.3		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.06E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
70	Daycare E	685735.4	4864790.8		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.83E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
71	Daycare F	685520.3	4864854.3		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.65E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.09E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
72	Daycare G	685441.9	4864878.0		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.58E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.01E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
73	Daycare H	686364.8	4864707.8		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.59E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.85E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
74	Daycare I	685721.6	4865127.3		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.40E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.80E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
75	Daycare J	678256.3	4863565.4		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.31E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.70E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
76	Daycare K	677694.1	4864043.7		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.21E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.58E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
77	Daycare L	676479.5	4862526.2		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.06E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.58E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
78	Daycare M	678320.9	4864763.5		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.20E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.57E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
79	Daycare N	678513.4	4865058.0		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.94E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.27E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
80	Daycare O	672788.7	4863936.6		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.34E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.56E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
81	Daycare P	673952.8	4863592.5		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.51E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.76E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
82	Daycare Q	671751.8	4864887.7		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.32E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.54E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
83	Daycare R	685714.4	4864667.4		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.30E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.68E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
84	Daycare S	684177.9	4863618.2		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.63E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.24E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
85	Daycare T	678423.6	4864480.4		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.18E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.55E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
86	Daycare U	685330.5	4863435.1		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.60E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.04E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
87	Daycare V	685153.2	4863236.9		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.61E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.05E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00				
88	Daycare W	672679.0	4862044.9		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.46E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.70E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.							

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	9.86E-05	0.00E+00	1.25E-07	0.00E+00	8.86E-07	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05
109	Hospital (Children's)	676057.8	4862180.9		1.40E-03	1.35E-04	9.64E-05	1.35E-04	3.33E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.89E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
110	Hospital	671233.2	4863615.9		1.37E-03	1.35E-04	9.64E-05	1.35E-04	1.04E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.22E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
111	Comm. Resp. Services	676045.4	4863902.5		1.40E-03	1.35E-04	9.65E-05	1.35E-04	2.88E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.36E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
112	Hospital	671712.7	4862364.1		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.21E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.42E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
113	Retirement Residence A	684199.9	4864120.3		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.79E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.26E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
114	Retirement Residence B	685483.9	4865150.9		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.22E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.60E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
115	Retirement Residence C	686844.0	4864732.1		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.81E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.11E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
116	Retirement Residence D	673481.7	4863343.4		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.66E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.93E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
117	Retirement Residence E	671825.2	4864399.0		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.24E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.45E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
118	Retirement Residence F	671606.3	4864536.0		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.25E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.46E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
119	Retirement Residence G	671357.1	4862958.7		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.25E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.46E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
120	Retirement Residence H	671514.0	4862262.9		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.27E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.49E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
121	Retirement Residence I	672602.2	4863075.9		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.24E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.44E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
122	Retirement Residence J	671719.1	4862893.1		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.27E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.48E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
123	Retirement Residence K	686718.0	4865648.7		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.86E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.18E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
124	Retirement Residence L	676168.7	4865669.9		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.85E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.16E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
125	Retirement Residence M	676118.5	4863980.7		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.07E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.59E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7		1.40E-03	1.35E-04	9.65E-05	1.35E-04	2.88E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.37E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
127	Primary School B	685384.8	4863575.3		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.06E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
128	Primary School C	685021.6	4863952.9		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.90E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.22E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
129	Primary School D	686237.0	4864085.5		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.21E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.58E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
130	Primary School E	686719.0	4863734.7		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.21E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.58E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
131	Primary School F	686357.0	4864754.9		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.51E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.76E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
132	Primary School G	685502.0	4865013.4		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.83E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
133	Primary School H	686726.7	4866061.5		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.77E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.07E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
134	Primary School I	685186.2	4866568.2		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.64E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.91E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
135	Primary School J	685965.3	4866979.0		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.89E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
136	Primary School K	677709.9	4864726.5		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.93E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.25E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
137	Primary School L	675988.3	4864270.2		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.43E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.01E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
138	Primary School M	676608.7	4862739.0		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.24E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.61E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
139	Primary School N	677222.2	4863759.1		1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.05E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.73E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
140	Primary School O	678154.9	4863872.7		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.53E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02												



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene		
					Updated Facility Contaminant Emission Rate (g/s)	9.86E-05	0.00E+00	1.25E-07	0.00E+00	8.86E-07	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00
					Background Concentration (ug/m3)	1.36E-03	1.35E-04	9.64E-05	1.35E-04	1.38E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.62E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
163	Primary School LL	673762.3	4864210.6		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.38E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.62E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
164	Primary School MM	672238.8	4864621.3		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.32E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.54E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
165	Primary School NN	673213.6	4858677.0		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.92E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.25E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
166	Primary School OO	675474.8	4863221.7		1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.08E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.43E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
167	Primary School PP	672441.8	4858748.6		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.40E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.80E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
168	Primary School QQ	672796.8	4864438.2		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.28E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.49E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
169	Primary School RR	671351.4	4863284.0		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.17E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.37E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
170	Primary School SS	673213.9	4862125.5		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.89E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
171	Primary School TT	671017.9	4860953.7		1.37E-03	1.35E-04	9.64E-05	1.35E-04	9.34E-08	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.09E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
172	Primary School UU	670991.0	4861089.8		1.37E-03	1.35E-04	9.64E-05	1.35E-04	8.79E-08	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.03E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
173	Primary School VV	674150.1	4862294.8		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.89E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
174	Primary School WW	672005.2	4861707.9		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.23E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.44E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
175	Primary School XX	684172.1	4863615.6		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.71E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.33E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
176	Primary School YY	683923.3	4866636.4		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.17E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.53E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
177	Primary School ZZ	680446.0	4865770.5		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.54E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.80E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
178	Vacant School	685612.9	4864520.0		1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.08E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.42E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
179	Secondary School A	686291.4	4865064.3		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.76E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.06E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
180	Secondary School B	683875.0	4864741.7		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.23E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
181	Secondary School C	684650.3	4866460.3		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.72E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.01E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
182	Secondary School D	678099.5	4864838.2		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.30E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.69E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
183	Secondary School E	678467.0	4863431.2		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.65E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.10E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
184	Secondary School F	674144.9	4862762.7		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.53E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.78E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
185	Secondary School G	673816.0	4864357.1		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.47E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.71E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
186	Secondary School H	673145.4	4858569.0		1.39E-03	1.35E-04	9.64E-05	1.35E-04	1.97E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.30E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
187	Secondary School I	671291.7	4863581.3		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.07E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.25E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
188	Secondary School J	671443.2	4861664.9		1.37E-03	1.35E-04	9.64E-05	1.35E-04	1.02E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.19E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
189	Secondary School K	673235.3	4860885.0		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.17E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.36E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
190	Secondary School L	684252.7	4866500.5		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.93E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.25E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
191	Secondary School M	673914.1	4859551.7		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.82E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
192	Secondary School N	675051.5	4864177.2		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.70E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.99E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
193	Adult School	685276.1	4866019.8		1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.01E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.34E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
194	Bow. Valley Cons. 1	685356.6	4864521.2		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.43E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.84E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
195	Bow. Valley Cons. 2	685627.7	4864167.8		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.83E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.14E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00		
196	Bow. Valley Cons. 4	685852.7	4863640.2		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.33																			

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	9.86E-05	0.00E+00	1.25E-07	0.00E+00	8.86E-07	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05
217	Port Darlington 9	686867.4	4862119.7		1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.11E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.46E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
218	Port Darlington 10	687190.7	4862048.8		1.39E-03	1.35E-04	9.64E-05	1.35E-04	1.99E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.32E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
219	Port Darlington 11	687524.4	4862126.8		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.89E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.20E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
220	Campground 1	678646.3	4860337.7		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.98E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.15E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
221	Campground 2	678410.2	4860148.6		1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.65E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.94E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
222	Campground 3	678651.0	4860054.4		1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.18E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.22E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
223	Campground 4	678725.9	4859860.7		1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.87E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
224	Campground 5	678511.1	4859808.6		1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.28E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.00E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
225	Campground 6	678869.5	4859696.0		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.19E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.06E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
226	Campground 7	678723.9	4860201.8		1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.24E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.63E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
227	Campground 8	678796.0	4860011.4		1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.67E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.62E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
228	Campground 9	678852.7	4859854.2		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.47E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.39E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
229	Solina 1	681099.6	4861677.2		1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.26E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.32E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
230	Solina 2	681115.7	4861857.7		1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.30E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.36E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
231	Solina 3	680987.4	4861983.5		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.47E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.55E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
232	Solina 4	680965.0	4862068.1		1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.90E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.89E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
233	Solina 5	681021.5	4862086.7		1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.15E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.19E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
234	Solina 6	680939.8	4862124.3		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.17E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.03E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
235	Solina 7	680988.2	4862183.6		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.48E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.40E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
236	Solina 8	680984.6	4862209.8		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.18E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.05E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
237	Solina 9	680958.6	4862294.9		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.39E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.29E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
238	Solina 10	680858.0	4862324.3		1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.05E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.24E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
239	Solina 11	680990.3	4862403.5		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.22E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.10E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
240	Recreational 1	681545.0	4860865.0		1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.76E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.72E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
241	Recreational 2	681563.7	4860687.4		1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.03E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.38E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
242	Recreational 3	681579.7	4860610.0		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.77E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.91E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
243	Recreational 6	681876.6	4860254.4		1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.57E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	1.00E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
244	Recreational 7	682166.9	4860324.4		1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.75E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.05E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
245	Darlington 1	679565.4	4861052.9		1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.07E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.25E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00
246	Darlington 2	679452.9	4861051.4		1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.67E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.13E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
247	Darlington 3	679130.5	4860948.8		1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.72E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.13E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
248	Darlington 4	679112.6	4860941.9		1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.87E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.15E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
249	Darlington 5	679057.6	4860994.1		1.47E-03	1.35E-04	9.65E-05	1.35E-04	9.25E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.08E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
250	Darlington 6	679075.2	4860931.6		1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.94E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.16E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00
251	Darlington 7	678814.3	4860843.1		1																					

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	
					Updated Facility Contaminant Emission Rate (g/s)	9.86E-05	0.00E+00	1.25E-07	0.00E+00	8.86E-07	4.00E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08	3.13E-06	0.00E+00
					Background Concentration (ug/m3)	1.36E-03	1.35E-04	9.64E-05	1.35E-04	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	6.77E-05	1.35E-04	6.02E-04	8.80E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04
271	Future Industrial 5	679898.8	4860067.4		1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.54E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.80E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	
272	Future Industrial 6	680134.8	4860694.1		1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.06E-06	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.24E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	
273	Future Industrial 11	680253.7	4860255.2		1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.41E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.66E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	
274	Future Industrial 12	679901.2	4860511.8		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.72E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.85E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	
275	Commercial Farmer	679867.8	4860445.4		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.93E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.09E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	
276	Farmer	679277.0	4859981.5		1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.35E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.42E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	
277	Residence	679387.2	4860648.9		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.79E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.93E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	
278	Barn	679261.9	4860574.2		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.61E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.72E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	
279	Residence	680150.7	4861295.7		1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.31E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.09E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	
280	Residence	679939.8	4861213.4		1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.45E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.70E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	
281	Farmer	680855.7	4861456.9		1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.14E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.50E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	
282	Farmer	681386.2	4861673.3		1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.23E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.61E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	
283	Residence	680683.5	4861597.9		1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.37E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.61E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	
284	Business	680064.3	4861343.7		1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.13E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.49E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	
285	Farmer	679680.1	4861213.5		1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.51E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.93E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	
286	Farmer	681344.8	4861792.9		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.52E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.61E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	
287	Youth Centre	685644.2	4864814.8		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.58E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.02E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
288	Bowmanville Arena	685462.9	4864615.2		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.58E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.01E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
289	Bowmanville Rec Complex	684160.3	4864604.5		1.40E-03	1.35E-04	9.65E-05	1.35E-04	2.85E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.33E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
290	Recreation Complex	684586.6	4862406.3		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.56E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.99E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
291	Superdog Central	681487.7	4865723.3		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.79E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.09E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
292	Equestrian Centre	681567.1	4863670.7		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.68E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.30E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
293	Flea Market	678574.6	4862819.4		1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.24E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.95E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
294	Equestrian Centre	680030.8	4867320.2		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.35E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.57E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
295	Courtice Community Comp	678099.3	4864629.8		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.48E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	2.89E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
296	Former Restaurant	679830.2	4860702.2		1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.21E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.59E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	
297	Commercial	679364.8	4861016.0		1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.46E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.11E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	
298	GM Oshawa Headquarters	676418.3	4860463.7		1.40E-03	1.35E-04	9.65E-05	1.35E-04	4.37E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.05E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
299	Farm A?	682972.3	4862201.9		1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.96E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.62E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
300	Farm B?	683546.9	4861959.7		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.22E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
301	Farm C?	682547.5	4862321.1		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.18E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.05E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	
302	Farm D?	683238.3	4862393.3		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.63E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.24E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	
303	Farm E?	682512.6	4862858.0		1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.37E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.11E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	
304	Farm F?	683129.1	4863649.4		1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.93E-07	6.																	

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene
					Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.36E-03	1.35E-04	9.64E-05	1.35E-04	8.86E-07	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00
325	Bowmanville 5	682452.2	4869417.5		1.37E-03	1.35E-04	9.64E-05	1.35E-04	1.04E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.22E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
326	Bowmanville 6	684778.5	4864888.2		1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.11E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.46E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
327	Bowmanville 7	684549.5	4866404.4		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.71E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.00E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
328	Upper Tooley 1	679944.8	4864883.1		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.35E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.75E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
329	Upper Tooley 2	679055.1	4863885.8		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.26E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.63E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
330	Upper Tooley 3	679714.0	4862767.4		1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.13E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.83E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
331	Upper Tooley 4	678898.8	4861800.6		1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.36E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.43E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
332	Upper Tooley 5	680353.5	4862156.5		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.51E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.43E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
333	Upper Tooley 6	679818.1	4861625.7		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.89E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.05E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
334	Robinson 1	678434.8	4860943.1		1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.31E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.37E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
335	Robinson 2	677752.6	4861240.6		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.17E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.04E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
336	Robinson 3	677642.2	4861787.2		1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.85E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.49E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
337	Robinson 4	678532.7	4862143.6		1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.32E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.22E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
338	Robinson 5	678005.1	4862784.9		1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.72E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.51E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
339	Robinson 6	677882.7	4860587.7		1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.79E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.59E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
340	F/B 1	677443.1	4867862.1		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.44E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.68E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
341	F/B 2	679667.4	4866611.4		1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.08E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.43E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
342	F/B 3	678655.0	4867470.1		1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.14E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.50E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
343	F/B 4	676191.2	4866844.7		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.48E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.72E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
344	F/B 5	678273.3	4866093.0		1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.01E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.35E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
345	F/B 6	681241.2	4867098.8		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.47E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.72E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
346	F/B 7	682165.3	4868082.3		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.31E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.53E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
347	F/B 8	679366.6	4868628.3		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.58E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.85E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
348	F/B 9	680310.1	4869967.1		1.37E-03	1.35E-04	9.64E-05	1.35E-04	9.60E-08	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.12E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
349	F/B 10	676487.3	4869291.6		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.74E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.03E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
350	F/B 11	676851.4	4865409.3		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.78E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.08E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
351	F/B 12	681153.3	4868682.2		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.22E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.42E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
352	F/B 13	675416.3	4859833.9		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.44E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.01E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
353	Second 1	675153.4	4860552.8		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.30E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.69E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
354	Second 2	675297.5	4860891.3		1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.09E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.44E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
355	Second 3	675647.2	4860644.9		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.71E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.17E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
356	Second 4	675670.5	4860076.5		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.81E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.29E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
357	Second 5	676043.3	4860319.1		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.63E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.07E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
358	Second 6	675923.4	4859821.4		1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.20E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.90E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8																							



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	Background Concentration (ug/m3)	1.36E-03	1.35E-04	9.64E-05	1.35E-04	8.86E-07	4.00E-08	0.00E+00	0.00E+00	0.00E+00	1.37E-06	1.03E-06	2.49E-07	0.00E+00	0.00E+00	3.24E-06	1.80E-05	0.00E+00	0.00E+00	1.40E-05	4.99E-08
379	Darlington 5	683223.2	4861114.0		1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.93E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.75E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00
380	Darlington 6	683947.7	4862362.0		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.62E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.23E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
381	Darlington 7	685361.9	4861143.4		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.72E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.18E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
382	Bennett ECO/HH	688606.4	4862634.8		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.58E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.85E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
383	Oshawa ECO/HH	673884.9	4859128.9		1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.56E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.15E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
384	Oshawa Creek 1	671671.2	4862793.7		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.27E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.48E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
385	Oshawa Creek 2	671668.5	4861589.5		1.37E-03	1.35E-04	9.64E-05	1.35E-04	1.01E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.18E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
386	Oshawa Creek 3	672820.2	4861287.2		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.16E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.35E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
387	Oshawa Creek 4	672360.3	4860262.6		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.36E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.58E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
388	Oshawa Creek 5	673921.2	4860115.0		1.38E-03	1.35E-04	9.64E-05	1.35E-04	1.60E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	1.87E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
389	Oshawa Creek 6	673154.0	4859421.9		1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.35E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.74E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00
390	Farmer	677409.8	4861051.4		1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.59E-07	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.70E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00
391	Commercial Market	688276.3	4864698.5		1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.12E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	2.47E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	
					Updated Facility Contaminant Emission Rate (g/s)	2.83E-04	5.42E-04	1.35E-04	0.00E+00	2.70E-06	0.00E+00		0.00E+00	2.40E-08	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03	1.19E-03	0.00E+00	0.00E+00	1.43E-05
					Background Concentration (ug/m3)	2.83E-04	5.42E-04	1.35E-04	0.00E+00	2.70E-06	0.00E+00		0.00E+00	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
1	Campground 10	678526.8	4859996.8		2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
2	ECO 2	675490.4	4860360.1		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
3	Recreational 5	681642.0	4860349.3		2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
4	ECO 4	676831.5	4859840.9		2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
5	Bow. Valley Cons. 3	685767.2	4863879.0		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
6	ECO 6	679647.8	4859989.3		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
7	ECO 7	681578.8	4862070.1		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
8	ECO 8	679735.5	4861048.6		2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
9	ECO 9	687219.7	4864249.3		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
10	ECO 10	686519.0	4861987.6		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
11	ECO 11	679870.4	4859737.9		2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
12	Recreational 4	681575.5	4860557.7		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
13	Future Industrial 9	680704.5	4859857.8		2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
14	Future Industrial 10	680608.0	4860719.6		2.84E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
15	Harmony Creek	673992.4	4865641.4		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
16	Farewell Creek	678079.2	4868822.7		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
17	Farmer	681378.6	4860335.0		2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
18	Watson Farm	682883.4	4864219.7		2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
19	Racanski Farm	678929.2	4865530.2		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
20	Zoo	687216.8	4864835.3		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
21	Cedar Crest Beach	686652.1	4861660.9		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
22	Darlington Prov Park Beach	677844.6	4859718.2		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
23	OPG 1	682258.1	4860045.0		2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
24	OPG 2	682551.4	4859889.1		2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
25	OPG 3	682824.6	4859759.3		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
26	OPG 4	683021.6	4859937.3		2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
27	OPG 5	683318.2	4859677.8		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
28	OPG 6	683306.9	4860023.0		2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
29	OPG 7	683718.6	4859915.8		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
30	OPG 8	682702.0	4859998.6		2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
31	OPG 9	684347.7	4861184.6		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
32	OPG 10	682157.2	4861228.2		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
33	St. Mary's 1	684557.0	4861070.0		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
34	St. Mary's 2	684657.3	4861320.8		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
35	St. Mary's 3	684905.3	4861154.4		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
36	Court. Subdivision 1	677328.4	4862976.1		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
37	Court. Subdivision 2	676187.9	4862611.1		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
38	Court. Subdivision 3	675974.8	4863484.1		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
39	Court. Subdivision 4	676606.1	4863214.1		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
40	Court. Subdivision 5	676827.1	4863591.4		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
41	Court. Subdivision 6	677200.4	4864074.9		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
42	Court. Subdivision 7	677719.8	4863625.1		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
43	Court. Subdivision 8	678271.6	4864200.6		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
44	Court. Subdivision 9	678184.4	4863373.6		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
45	Court. Subdivision 10	677179.7	4862499.5		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
46	Bow. Subdivision 1	683536.7	4864215.2		2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
47	Bow. Subdivision 2	683770.0	4863915.1		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
48	Bow. Subdivision 3	683671.0	4863534.1		2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
49	Bow. Subdivision 4	684501.9	4863847.4		2.83E-04	5.42E-04	1.41E-04	0.0															

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	2.83E-04	5.42E-04	1.65E-05	0.00E+00	2.70E-06	0.00E+00		0.00E+00	2.40E-08	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03	1.19E-03	0.00E+00	0.00E+00	1.43E-05
		Background Concentration (ug/m3)	2.83E-04		5.42E-04	1.35E-04	0.00E+00	1.35E-04	1.35E-04	1.35E-04	1.76		4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74		
55	Bow. Subdivision 10	685266.0	4863243.1		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
56	Osh/Court Subdivision 1	677396.8	4860977.3		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
57	Osh/Court Subdivision 2	676633.5	4860816.8		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
58	Osh/Court Subdivision 3	676916.0	4861925.0		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
59	Osh/Court Subdivision 4	676730.5	4861317.1		2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
60	Osh/Court Subdivision 5	676087.2	4861392.3		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
61	Osh/Court Subdivision 6	676177.1	4861722.2		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
62	Osh/Court Subdivision 7	675670.7	4861783.2		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
63	Osh/Court Subdivision 8	676050.8	4862055.7		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
64	Osh/Court Subdivision 9	676636.9	4862134.3		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
65	Osh/Court Subdivision 10	676571.3	4861634.8		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
66	Bow. Subdivision 11	684649.2	4863182.7		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
67	Daycare B	685172.4	4863933.1		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
68	Daycare C	685452.0	4863104.4		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
69	Daycare D	685527.7	4864693.3		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
70	Daycare E	685735.4	4864790.8		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
71	Daycare F	685520.3	4864854.3		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
72	Daycare G	685441.9	4864878.0		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
73	Daycare H	686364.8	4864707.8		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
74	Daycare I	685721.6	4865127.3		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
75	Daycare J	678256.3	4863565.4		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
76	Daycare K	677694.1	4864043.7		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
77	Daycare L	676479.5	4862526.2		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
78	Daycare M	678320.9	4864763.5		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
79	Daycare N	678513.4	4865058.0		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
80	Daycare O	672788.7	4863936.6		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
81	Daycare P	673952.8	4863592.5		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
82	Daycare Q	671751.8	4864887.7		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
83	Daycare R	685714.4	4864667.4		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
84	Daycare S	684177.9	4863618.2		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
85	Daycare T	678423.6	4864480.4		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
86	Daycare U	685330.5	4863435.1		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
87	Daycare V	685153.2	4863236.9		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
88	Daycare W	672679.0	4862044.9		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
89	Daycare X	672076.5	4865285.8		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
90	Daycare Y	672638.0	4859664.4		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
91	Daycare Z	673735.9	4858958.0		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
92	Daycare AA	673121.8	4863385.9		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
93	Daycare BB	673904.8	4862282.2		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
94	Daycare CC	671471.6	4861795.3		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
95	Daycare DD	673057.3	4862625.6		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
96	Daycare EE	674917.1	4863957.2		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
97	Daycare FF	671356.6	4862954.4		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
98	Daycare GG	671675.5	4862705.8		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
99	Daycare HH	671604.8	4860138.1		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
100	Daycare II	670945.2	4857983.8		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
101	Daycare JJ	677514.6	4864744.1		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
102	Daycare KK	676519.9	4862680.1		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
103	Daycare LL	677660.6	4863601.3		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E														

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	2.83E-04	5.42E-04	1.35E-04	0.00E+00	2.70E-06	0.00E+00		0.00E+00	2.40E-08	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03	1.19E-03	0.00E+00	0.00E+00	1.43E-05
		Background Concentration (ug/m3)	2.83E-04		5.42E-04	1.35E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76		4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74		
109	Hospital (Children's)	676057.8	4862180.9		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
110	Hospital	671233.2	4863615.9		2.83E-04	5.42E-04	1.37E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
111	Comm. Resp. Services	676045.4	4863902.5		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
112	Hospital	671712.7	4862364.1		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
113	Retirement Residence A	684199.9	4864120.3		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
114	Retirement Residence B	685483.9	4865150.9		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
115	Retirement Residence C	686844.0	4864732.1		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
116	Retirement Residence D	673481.7	4863343.4		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
117	Retirement Residence E	671825.2	4864399.0		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
118	Retirement Residence F	671606.3	4864536.0		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
119	Retirement Residence G	671357.1	4862958.7		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
120	Retirement Residence H	671514.0	4862262.9		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
121	Retirement Residence I	672602.2	4863075.9		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
122	Retirement Residence J	671719.1	4862893.1		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
123	Retirement Residence K	686718.0	4865648.7		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
124	Retirement Residence L	676168.7	4865669.9		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
125	Retirement Residence M	676118.5	4863980.7		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
126	Bow. Subdivision 12	684649.2	4863182.7		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
127	Primary School B	685384.8	4863575.3		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
128	Primary School C	685021.6	4863952.9		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
129	Primary School D	686237.0	4864085.5		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
130	Primary School E	686719.0	4863734.7		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
131	Primary School F	686357.0	4864754.9		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
132	Primary School G	685502.0	4865013.4		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
133	Primary School H	686726.7	4866061.5		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
134	Primary School I	685186.2	4866568.2		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
135	Primary School J	685965.3	4866979.0		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
136	Primary School K	677709.9	4864726.5		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
137	Primary School L	675988.3	4864270.2		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
138	Primary School M	676608.7	4862739.0		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
139	Primary School N	677222.2	4863759.1		2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
140	Primary School O	678154.9	4863872.7		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
141	Court. Subdivision 12	678309.6	4863600.8		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
142	Primary School Q	677010.6	4862470.6		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
143	Primary School R	677431.3	4866694.7		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
144	Primary School S	675266.2	4863562.9		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
145	Primary School T	673479.2	4860029.4		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
146	Primary School U	670856.0	4860710.6		2.83E-04	5.42E-04	1.37E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
147	Primary School V	672660.2	4863909.2		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
148	Primary School W	672735.2	4859232.9		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
149	Primary School X	673575.8	4862688.6		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
150	Primary School Y	673710.3	4861969.0		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
151	Primary School Z	672366.0	4859928.1		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
152	Primary School AA	672561.7	4866047.1		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
153	Primary School BB	675095.1	4862930.4		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
154	Primary School CC	673242.6	4865197.9		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
155	Primary School DD	674164.9	4863031.3		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
156	Primary School EE	671905.6	4864697.8		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
157	Primary School FF	673294.9	4858774.5		2.83E-04	5.42E-04	1.40E-04	0.															



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride					
					Updated Facility Contaminant Emission Rate (g/s)																						
					Background Concentration (ug/m3)	2.83E-04	5.42E-04	1.35E-04					1.35E-04	1.35E-04	1.35E-04			1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
163	Primary School LL	673762.3	4864210.6		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
164	Primary School MM	672238.8	4864621.3		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
165	Primary School NN	673213.6	4858677.0		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
166	Primary School OO	675474.8	4863221.7		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
167	Primary School PP	672441.8	4858748.6		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
168	Primary School QQ	672796.8	4864438.2		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
169	Primary School RR	671351.4	4863284.0		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
170	Primary School SS	673213.9	4862125.5		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
171	Primary School TT	671017.9	4860953.7		2.83E-04	5.42E-04	1.37E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
172	Primary School UU	670991.0	4861089.8		2.83E-04	5.42E-04	1.37E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
173	Primary School VV	674150.1	4862294.8		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
174	Primary School WW	672005.2	4861707.9		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
175	Primary School XX	684172.1	4863615.6		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
176	Primary School YY	683923.3	4866636.4		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
177	Primary School ZZ	680446.0	4865770.5		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
178	Vacant School	685612.9	4864520.0		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
179	Secondary School A	686291.4	4865064.3		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
180	Secondary School B	683875.0	4864741.7		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
181	Secondary School C	684650.3	4866460.3		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
182	Secondary School D	678099.5	4864838.2		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
183	Secondary School E	678467.0	4863431.2		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
184	Secondary School F	674144.9	4862762.7		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
185	Secondary School G	673816.0	4864357.1		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
186	Secondary School H	673145.4	4858569.0		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
187	Secondary School I	671291.7	4863581.3		2.83E-04	5.42E-04	1.37E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
188	Secondary School J	671443.2	4861664.9		2.83E-04	5.42E-04	1.37E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
189	Secondary School K	673235.3	4860885.0		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
190	Secondary School L	684252.7	4866500.5		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
191	Secondary School M	673914.1	4859551.7		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
192	Secondary School N	675051.5	4864177.2		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
193	Adult School	685276.1	4866019.8		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
194	Bow. Valley Cons. 1	685356.6	4864521.2		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
195	Bow. Valley Cons. 2	685627.7	4864167.8		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
196	Bow. Valley Cons. 4	685852.7	4863640.2		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
197	Bow. Valley Cons. 5	686163.1	4863621.5		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
198	Bow. Valley Cons. 6	685931.9	4863380.6		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
199	Maple Grove 1	681688.5	4864717.0		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
200	Maple Grove 2	681768.9	4864631.8		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
201	Maple Grove 3	681894.9	4864506.8		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
202	Maple Grove 4	681974.8	4864443.2		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
203	Maple Grove 5	681942.2	4864676.7		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
204	Maple Grove 6	682053.2	4864586.2		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
205	Maple Grove 7	682168.5	4864631.3		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
206	Maple Grove 8	682261.7	4864520.9		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
207	Maple Grove 9	682382.1	4864589.4		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
208	Maple Grove 10	682459.8	4864499.2		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
209	Port Darlington 1	686227.8	4861159.0		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
210	Port Darlington 2	686184.8	4861252.0		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74					
211	Port Darlington 3	686151.2	4861286.8		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02										

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride
					Updated Facility Contaminant Emission Rate (g/s)	2.40E-08	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03		1.19E-03	0.00E+00	0.00E+00	1.43E-05						
					Background Concentration (ug/m3)	1.66E-06	0.00E+00	1.65E-05	0.00E+00	2.70E-06	0.00E+00		0.00E+00	2.83E-04	5.42E-04	1.35E-04	1.35E-04	1.35E-04	1.76	4.69	0.08	11.83
217	Port Darlington 9	686867.4	4862119.7		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
218	Port Darlington 10	687190.7	4862048.8		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
219	Port Darlington 11	687524.4	4862126.8		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
220	Campground 1	678646.3	4860337.7		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
221	Campground 2	678410.2	4860148.6		2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
222	Campground 3	678651.0	4860054.4		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
223	Campground 4	678725.9	4859860.7		2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
224	Campground 5	678511.1	4859808.6		2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
225	Campground 6	678869.5	4859696.0		2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
226	Campground 7	678723.9	4860201.8		2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
227	Campground 8	678796.0	4860011.4		2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
228	Campground 9	678852.7	4859854.2		2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
229	Solina 1	681099.6	4861677.2		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
230	Solina 2	681115.7	4861857.7		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
231	Solina 3	680987.4	4861983.5		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
232	Solina 4	680965.0	4862068.1		2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
233	Solina 5	681021.5	4862086.7		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
234	Solina 6	680939.8	4862124.3		2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
235	Solina 7	680988.2	4862183.6		2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
236	Solina 8	680984.6	4862209.8		2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
237	Solina 9	680958.6	4862294.9		2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
238	Solina 10	680858.0	4862324.3		2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
239	Solina 11	680990.3	4862403.5		2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
240	Recreational 1	681545.0	4860865.0		2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
241	Recreational 2	681563.7	4860687.4		2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
242	Recreational 3	681579.7	4860610.0		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
243	Recreational 6	681876.6	4860254.4		2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
244	Recreational 7	682166.9	4860324.4		2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
245	Darlington 1	679565.4	4861052.9		2.85E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
246	Darlington 2	679452.9	4861051.4		2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
247	Darlington 3	679130.5	4860948.8		2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
248	Darlington 4	679112.6	4860941.9		2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
249	Darlington 5	679057.6	4860994.1		2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
250	Darlington 6	679075.2	4860931.6		2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
251	Darlington 7	678814.3	4860843.1		2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
252	Darlington 8	678840.4	4860777.1		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
253	Light Ind. 1	680000.1	4861034.1		2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
254	Light Ind. 2	680060.7	4861056.4		2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
255	Light Ind. 3	680291.2	4861151.6		2.85E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
256	Light Ind. 4	680536.3	4861204.6		2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
257	Light Ind. 5	680350.4	4861290.6		2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
258	Light Ind. 6	680306.9	4861275.6		2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
259	Light Ind. 7	680267.2	4861262.4		2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
260	Light Ind. 8	680233.6	4861250.7		2.84E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
261	Light Ind. 9	680175.3	4861227.5		2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
262	Light Ind. 10	680092.5	4861185.1		2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
263	Light Ind. 11	680071.6	4861246.6		2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
264	Light Ind. 12	680021.4	4861186.9		2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74
265	Future Industrial 7	680816.2	4860219.3		2.84E-04	5.42E-04																

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	2.83E-04	5.42E-04	1.35E-04	0.00E+00	2.70E-06	0.00E+00		0.00E+00	2.40E-08	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03	1.19E-03	0.00E+00	0.00E+00	1.43E-05
		Background Concentration (ug/m3)	2.83E-04		5.42E-04	1.35E-04	0.00E+00	1.35E-04	1.35E-04	1.35E-04	1.76		4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74		
271	Future Industrial 5	679898.8	4860067.4		2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
272	Future Industrial 6	680134.8	4860694.1		2.85E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
273	Future Industrial 11	680253.7	4860255.2		2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
274	Future Industrial 12	679901.2	4860511.8		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
275	Commercial Farmer	679867.8	4860445.4		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
276	Farmer	679277.0	4859981.5		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
277	Residence	679387.2	4860648.9		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
278	Barn	679261.9	4860574.2		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
279	Residence	680150.7	4861295.7		2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
280	Residence	679939.8	4861213.4		2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
281	Farmer	680855.7	4861456.9		2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
282	Farmer	681386.2	4861673.3		2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
283	Residence	680683.5	4861597.9		2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
284	Business	680064.3	4861343.7		2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
285	Farmer	679680.1	4861213.5		2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
286	Farmer	681344.8	4861792.9		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
287	Youth Centre	685644.2	4864814.8		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
288	Bowmanville Arena	685462.9	4864615.2		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
289	Bowmanville Rec Complex	684160.3	4864604.5		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
290	Recreation Complex	684586.6	4862406.3		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
291	Superdog Central	681487.7	4865723.3		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
292	Equestrian Centre	681567.1	4863670.7		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
293	Flea Market	678574.6	4862819.4		2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
294	Equestrian Centre	680030.8	4867320.2		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
295	Courtice Community Comp	678099.3	4864629.8		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
296	Former Restaurant	679830.2	4860702.2		2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
297	Commercial	679364.8	4861016.0		2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	
298	GM Oshawa Headquarters	676418.3	4860463.7		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
299	Farm A?	682972.3	4862201.9		2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
300	Farm B?	683546.9	4861959.7		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
301	Farm C?	682547.5	4862321.1		2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
302	Farm D?	683238.3	4862393.3		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
303	Farm E?	682512.6	4862858.0		2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
304	Farm F?	683129.1	4863649.4		2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
305	Bennett 1	688209.3	4862512.1		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
306	Bennett 2	687990.0	4863221.3		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
307	Bennett 3	688818.4	4862836.3		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
308	Bennett 4	689045.1	4863365.5		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
309	Bennett 5	688270.5	4863763.1		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
310	Bennett 6	689908.5	4863100.5		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
311	Bennett 7	688929.9	4864392.0		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
312	Bennett 8	689684.2	4863837.7		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
313	Soper 1	687557.9	4862512.4		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
314	Soper 2	687241.9	4863171.7		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
315	Soper 3	687023.2	4863903.8		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
316	Soper 4	688158.2	4865389.3		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
317	Soper 5	685027.3	4868253.9		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
318	Soper 6	687287.4	4867037.3		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	
319	Soper 7	685683.2	4867148.1		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1													

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	2.83E-04	5.42E-04	1.35E-04	0.00E+00	2.70E-06	0.00E+00	0.00E+00		2.40E-08	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03	1.19E-03	0.00E+00	0.00E+00	1.43E-05
		Background Concentration (ug/m3)	2.83E-04	5.42E-04	1.35E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	1.76	4.69		0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74		
325	Bowmanville 5	682452.2	4869417.5		2.83E-04	5.42E-04	1.37E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
326	Bowmanville 6	684778.5	4864888.2		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
327	Bowmanville 7	684549.5	4866404.4		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
328	Upper Tooley 1	679944.8	4864883.1		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
329	Upper Tooley 2	679055.1	4863885.8		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
330	Upper Tooley 3	679714.0	4862767.4		2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
331	Upper Tooley 4	678898.8	4861800.6		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
332	Upper Tooley 5	680353.5	4862156.5		2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
333	Upper Tooley 6	679818.1	4861625.7		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
334	Robinson 1	678434.8	4860943.1		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
335	Robinson 2	677752.6	4861240.6		2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
336	Robinson 3	677642.2	4861787.2		2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
337	Robinson 4	678532.7	4862143.6		2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
338	Robinson 5	678005.1	4862784.9		2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
339	Robinson 6	677882.7	4860587.7		2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
340	F/B 1	677443.1	4867862.1		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
341	F/B 2	679667.4	4866611.4		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
342	F/B 3	678655.0	4867470.1		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
343	F/B 4	676191.2	4866844.7		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
344	F/B 5	678273.3	4866093.0		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
345	F/B 6	681241.2	4867098.8		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
346	F/B 7	682165.3	4868082.3		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
347	F/B 8	679366.6	4868628.3		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
348	F/B 9	680310.1	4869967.1		2.83E-04	5.42E-04	1.37E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
349	F/B 10	676487.3	4869291.6		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
350	F/B 11	676851.4	4865409.3		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
351	F/B 12	681153.3	4868682.2		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
352	F/B 13	675416.3	4859833.9		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
353	Second 1	675153.4	4860552.8		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
354	Second 2	675297.5	4860891.3		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
355	Second 3	675647.2	4860644.9		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
356	Second 4	675670.5	4860076.5		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
357	Second 5	676043.3	4860319.1		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
358	Second 6	675923.4	4859821.4		2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
359	McLaughlin Bay 1	676714.7	4860903.8		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
360	McLaughlin Bay 2	677310.8	4860528.2		2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
361	McLaughlin Bay 3	676563.5	4860260.1		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
362	McLaughlin Bay 4	676699.5	4859696.6		2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
363	McLaughlin Bay 5	677560.0	4860060.1		2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
364	McLaughlin Bay 6	678204.5	4859832.5		2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
365	Harmony Creek 1	674178.3	4861024.2		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
366	Harmony Creek 2	674592.0	4862605.3		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
367	Harmony Creek 3	672863.4	4862808.0		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
368	Harmony Creek 4	675671.6	4864469.0		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
369	Harmony Creek 5	672443.1	4864713.0		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
370	Harmony Creek 6	674830.5	4866909.6		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
371	Harmony Creek 7	675799.9	4868594.1		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
372	Westside 1	686082.6	4862776.6		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
373	Westside 2	685778.7	4862137.9		2.																	



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride
					Updated Facility Contaminant Emission Rate (g/s)	2.40E-08	0.00E+00	0.00E+00	1.02E-03	8.37E-03	2.29E-03		1.19E-03	0.00E+00	0.00E+00	1.43E-05						
					Background Concentration (ug/m3)	1.66E-06	0.00E+00	1.65E-05	0.00E+00	2.70E-06	0.00E+00		0.00E+00	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11
379	Darlington 5	683223.2	4861114.0		2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
380	Darlington 6	683947.7	4862362.0		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
381	Darlington 7	685361.9	4861143.4		2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
382	Bennett ECO/HH	688606.4	4862634.8		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
383	Oshawa ECO/HH	673884.9	4859128.9		2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
384	Oshawa Creek 1	671671.2	4862793.7		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
385	Oshawa Creek 2	671668.5	4861589.5		2.83E-04	5.42E-04	1.37E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
386	Oshawa Creek 3	672820.2	4861287.2		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
387	Oshawa Creek 4	672360.3	4860262.6		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
388	Oshawa Creek 5	673921.2	4860115.0		2.83E-04	5.42E-04	1.38E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
389	Oshawa Creek 6	673154.0	4859421.9		2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
390	Farmer	677409.8	4861051.4		2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74
391	Commercial Market	688276.3	4864698.5		2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethene, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00	1.87E-04	1.66E-03	4.72E-05
				Background Concentration (ug/m3)	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
1	Campground 10	678526.8	4859996.8		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
2	ECO 2	675490.4	4860360.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
3	Recreational 5	681642.0	4860349.3		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
4	ECO 4	676831.5	4859840.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
5	Bow. Valley Cons. 3	685767.2	4863879.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
6	ECO 6	679647.8	4859989.3		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
7	ECO 7	681578.8	4862070.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
8	ECO 8	679735.5	4861048.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
9	ECO 9	687219.7	4864249.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
10	ECO 10	686519.0	4861987.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
11	ECO 11	679870.4	4859737.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
12	Recreational 4	681575.5	4860557.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
13	Future Industrial 9	680704.5	4859857.8		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
14	Future Industrial 10	680608.0	4860719.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
15	Harmony Creek	673992.4	4865641.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
16	Farewell Creek	678079.2	4868822.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
17	Farmer	681378.6	4860335.0		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
18	Watson Farm	682883.4	4864219.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
19	Racanski Farm	678929.2	4865530.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
20	Zoo	687216.8	4864835.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
21	Cedar Crest Beach	686652.1	4861660.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
22	Darlington Prov Park Beach	677844.6	4859718.2		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
23	OPG 1	682258.1	4860045.0		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
24	OPG 2	682551.4	4859889.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
25	OPG 3	682824.6	4859759.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
26	OPG 4	683021.6	4859937.3		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
27	OPG 5	683318.2	4859677.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
28	OPG 6	683306.9	4860023.0		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
29	OPG 7	683718.6	4859915.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
30	OPG 8	682702.0	4859998.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
31	OPG 9	684347.7	4861184.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
32	OPG 10	682157.2	4861228.2		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
33	St. Mary's 1	684557.0	4861070.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
34	St. Mary's 2	684657.3	4861320.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
35	St. Mary's 3	684905.3	4861154.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
36	Court. Subdivision 1	677328.4	4862976.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
37	Court. Subdivision 2	676187.9	4862611.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
38	Court. Subdivision 3	675974.8	4863484.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
39	Court. Subdivision 4	676606.1	4863214.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
40	Court. Subdivision 5	676827.1	4863591.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
41	Court. Subdivision 6	677200.4	4864074.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
42	Court. Subdivision 7	677719.8	4863625.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
43	Court. Subdivision 8	678271.6	4864200.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
44	Court. Subdivision 9	678184.4	4863373.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
45	Court. Subdivision 10	677179.7	4862499.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
46	Bow. Subdivision 1	683536.7	4864215.2		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
47	Bow. Subdivision 2	683770.0	4863915.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
48	Bow. Subdivision 3	683671.0	4863534.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
49	Bow. Subdivision 4	684501.9	4863847.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
50	Bow. Subdivision 5	684242.9	4863518.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.3				

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E (m)	UTM N (m)	Contaminant	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene
					Updated Facility Contaminant Emission Rate (g/s)	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00	1.87E-04	1.66E-03	4.72E-05	1.62E-05
					Background Concentration (ug/m3)	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11
55	Bow. Subdivision 10	685266.0	4863243.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
56	Osh/Court Subdivision 1	677396.8	4860977.3		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
57	Osh/Court Subdivision 2	676633.5	4860816.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
58	Osh/Court Subdivision 3	676916.0	4861925.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
59	Osh/Court Subdivision 4	676730.5	4861317.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
60	Osh/Court Subdivision 5	676087.2	4861392.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
61	Osh/Court Subdivision 6	676177.1	4861722.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
62	Osh/Court Subdivision 7	675670.7	4861783.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
63	Osh/Court Subdivision 8	676050.8	4862055.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
64	Osh/Court Subdivision 9	676636.9	4862134.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
65	Osh/Court Subdivision 10	676571.3	4861634.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
66	Bow. Subdivision 11	684649.2	4863182.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
67	Daycare B	685172.4	4863933.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
68	Daycare C	685452.0	4863104.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
69	Daycare D	685527.7	4864693.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
70	Daycare E	685735.4	4864790.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
71	Daycare F	685520.3	4864854.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
72	Daycare G	685441.9	4864878.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
73	Daycare H	686364.8	4864707.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
74	Daycare I	685721.6	4865127.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
75	Daycare J	678256.3	4863565.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
76	Daycare K	677694.1	4864043.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
77	Daycare L	676479.5	4862526.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
78	Daycare M	678320.9	4864763.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
79	Daycare N	678513.4	4865058.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
80	Daycare O	672788.7	4863936.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
81	Daycare P	673952.8	4863592.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
82	Daycare Q	671751.8	4864887.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
83	Daycare R	685714.4	4864667.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
84	Daycare S	684177.9	4863618.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
85	Daycare T	678423.6	4864480.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
86	Daycare U	685330.5	4863435.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
87	Daycare V	685153.2	4863236.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
88	Daycare W	672679.0	4862044.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
89	Daycare X	672076.5	4865285.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
90	Daycare Y	672638.0	4859664.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
91	Daycare Z	673735.9	4858958.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
92	Daycare AA	673121.8	4863385.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
93	Daycare BB	673904.8	4862282.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
94	Daycare CC	671471.6	4861795.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
95	Daycare DD	673057.3	4862625.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
96	Daycare EE	674917.1	4863957.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
97	Daycare FF	671356.6	4862954.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
98	Daycare GG	671675.5	4862705.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
99	Daycare HH	671604.8	4860138.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
100	Daycare II	670945.2	4857983.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
101	Daycare JJ	677514.6	4864744.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
102	Daycare KK	676519.9	4862680.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
103	Daycare LL	677660.6	4863601.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
104	Court. Subdivision 11	677665.8	4863406.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00	1.87E-04	1.66E-03	4.72E-05	1.62E-05
		Background Concentration (ug/m3)	0.23		0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54		
109	Hospital (Children's)	676057.8	4862180.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
110	Hospital	671233.2	4863615.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
111	Comm. Resp. Services	676045.4	4863902.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
112	Hospital	671712.7	4862364.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
113	Retirement Residence A	684199.9	4864120.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
114	Retirement Residence B	685483.9	4865150.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
115	Retirement Residence C	686844.0	4864732.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
116	Retirement Residence D	673481.7	4863343.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
117	Retirement Residence E	671825.2	4864399.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
118	Retirement Residence F	671606.3	4864536.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
119	Retirement Residence G	671357.1	4862958.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
120	Retirement Residence H	671514.0	4862262.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
121	Retirement Residence I	672602.2	4863075.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
122	Retirement Residence J	671719.1	4862893.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
123	Retirement Residence K	686718.0	4865648.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
124	Retirement Residence L	676168.7	4865669.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
125	Retirement Residence M	676118.5	4863980.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
126	Bow. Subdivision 12	684649.2	4863182.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
127	Primary School B	685384.8	4863575.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
128	Primary School C	685021.6	4863952.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
129	Primary School D	686237.0	4864085.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
130	Primary School E	686719.0	4863734.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
131	Primary School F	686357.0	4864754.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
132	Primary School G	685502.0	4865013.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
133	Primary School H	686726.7	4866061.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
134	Primary School I	685186.2	4866568.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
135	Primary School J	685965.3	4866979.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
136	Primary School K	677709.9	4864726.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
137	Primary School L	675988.3	4864270.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
138	Primary School M	676608.7	4862739.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
139	Primary School N	677222.2	4863759.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
140	Primary School O	678154.9	4863872.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
141	Court. Subdivision 12	678309.6	4863600.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
142	Primary School Q	677010.6	4862470.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
143	Primary School R	677431.3	4866694.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
144	Primary School S	675266.2	4863562.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
145	Primary School T	673479.2	4860029.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
146	Primary School U	670856.0	4860710.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
147	Primary School V	672660.2	4863909.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
148	Primary School W	672735.2	4859232.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
149	Primary School X	673575.8	4862688.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
150	Primary School Y	673710.3	4861969.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
151	Primary School Z	672366.0	4859928.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
152	Primary School AA	672561.7	4866047.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
153	Primary School BB	675095.1	4862930.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
154	Primary School CC	673242.6	4865197.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
155	Primary School DD	674164.9	4863031.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
156	Primary School EE	671905.6	4864697.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
157	Primary School FF	673294.9	4858774.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
158	Primary School GG	671659.7	4863120.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.4				



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00	1.87E-04	1.66E-03	4.72E-05
				Background Concentration (ug/m3)	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
163	Primary School LL	673762.3	4864210.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
164	Primary School MM	672238.8	4864621.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
165	Primary School NN	673213.6	4858677.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
166	Primary School OO	675474.8	4863221.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
167	Primary School PP	672441.8	4858748.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
168	Primary School QQ	672796.8	4864438.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
169	Primary School RR	671351.4	4863284.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
170	Primary School SS	673213.9	4862125.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
171	Primary School TT	671017.9	4860953.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
172	Primary School UU	670991.0	4861089.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
173	Primary School VV	674150.1	4862294.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
174	Primary School WW	672005.2	4861707.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
175	Primary School XX	684172.1	4863615.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
176	Primary School YY	683923.3	4866636.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
177	Primary School ZZ	680446.0	4865770.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
178	Vacant School	685612.9	4864520.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
179	Secondary School A	686291.4	4865064.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
180	Secondary School B	683875.0	4864741.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
181	Secondary School C	684650.3	4866460.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
182	Secondary School D	678099.5	4864838.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
183	Secondary School E	678467.0	4863431.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
184	Secondary School F	674144.9	4862762.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
185	Secondary School G	673816.0	4864357.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
186	Secondary School H	673145.4	4858569.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
187	Secondary School I	671291.7	4863581.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
188	Secondary School J	671443.2	4861664.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
189	Secondary School K	673235.3	4860885.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
190	Secondary School L	684252.7	4866500.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
191	Secondary School M	673914.1	4859551.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
192	Secondary School N	675051.5	4864177.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
193	Adult School	685276.1	4866019.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
194	Bow. Valley Cons. 1	685356.6	4864521.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
195	Bow. Valley Cons. 2	685627.7	4864167.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
196	Bow. Valley Cons. 4	685852.7	4863640.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
197	Bow. Valley Cons. 5	686163.1	4863621.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
198	Bow. Valley Cons. 6	685931.9	4863380.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
199	Maple Grove 1	681688.5	4864717.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
200	Maple Grove 2	681768.9	4864631.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
201	Maple Grove 3	681894.9	4864506.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
202	Maple Grove 4	681974.8	4864443.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
203	Maple Grove 5	681942.2	4864676.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
204	Maple Grove 6	682053.2	4864586.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
205	Maple Grove 7	682168.5	4864631.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
206	Maple Grove 8	682261.7	4864520.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
207	Maple Grove 9	682382.1	4864589.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
208	Maple Grove 10	682459.8	4864499.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
209	Port Darlington 1	686227.8	4861159.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
210	Port Darlington 2	686184.8	4861252.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
211	Port Darlington 3	686151.2	4861286.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
212	Port Darlington 4	686351.1	4861341.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-							

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00	1.87E-04	1.66E-03	4.72E-05
				Background Concentration (ug/m3)	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
217	Port Darlington 9	686867.4	4862119.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
218	Port Darlington 10	687190.7	4862048.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
219	Port Darlington 11	687524.4	4862126.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
220	Campground 1	678646.3	4860337.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
221	Campground 2	678410.2	4860148.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
222	Campground 3	678651.0	4860054.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
223	Campground 4	678725.9	4859860.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
224	Campground 5	678511.1	4859808.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
225	Campground 6	678869.5	4859696.0		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
226	Campground 7	678723.9	4860201.8		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
227	Campground 8	678796.0	4860011.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
228	Campground 9	678852.7	4859854.2		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
229	Solina 1	681099.6	4861677.2		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
230	Solina 2	681115.7	4861857.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
231	Solina 3	680987.4	4861983.5		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
232	Solina 4	680965.0	4862068.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
233	Solina 5	681021.5	4862086.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
234	Solina 6	680939.8	4862124.3		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
235	Solina 7	680988.2	4862183.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
236	Solina 8	680984.6	4862209.8		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
237	Solina 9	680958.6	4862294.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
238	Solina 10	680858.0	4862324.3		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
239	Solina 11	680990.3	4862403.5		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
240	Recreational 1	681545.0	4860865.0		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
241	Recreational 2	681563.7	4860687.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
242	Recreational 3	681579.7	4860610.0		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
243	Recreational 6	681876.6	4860254.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
244	Recreational 7	682166.9	4860324.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
245	Darlington 1	679565.4	4861052.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
246	Darlington 2	679452.9	4861051.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
247	Darlington 3	679130.5	4860948.8		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
248	Darlington 4	679112.6	4860941.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
249	Darlington 5	679057.6	4860994.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
250	Darlington 6	679075.2	4860931.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
251	Darlington 7	678814.3	4860843.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
252	Darlington 8	678840.4	4860777.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
253	Light Ind. 1	680000.1	4861034.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
254	Light Ind. 2	680060.7	4861056.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
255	Light Ind. 3	680291.2	4861151.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
256	Light Ind. 4	680536.3	4861204.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
257	Light Ind. 5	680350.4	4861290.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
258	Light Ind. 6	680306.9	4861275.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
259	Light Ind. 7	680267.2	4861262.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
260	Light Ind. 8	680233.6	4861250.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
261	Light Ind. 9	680175.3	4861227.5		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
262	Light Ind. 10	680092.5	4861185.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
263	Light Ind. 11	680071.6	4861246.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
264	Light Ind. 12	680021.4	4861186.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
265	Future Industrial 7	680816.2	4860219.3		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
266	Future Industrial 8	680398.0	4860731.8		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02									

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00	1.87E-04	1.66E-03	4.72E-05	1.62E-05
		Background Concentration (ug/m3)	0.23		0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54		
271	Future Industrial 5	679898.8	4860067.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
272	Future Industrial 6	680134.8	4860694.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
273	Future Industrial 11	680253.7	4860255.2		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
274	Future Industrial 12	679901.2	4860511.8		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
275	Commercial Farmer	679867.8	4860445.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
276	Farmer	679277.0	4859981.5		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
277	Residence	679387.2	4860648.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
278	Barn	679261.9	4860574.2		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
279	Residence	680150.7	4861295.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
280	Residence	679939.8	4861213.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
281	Farmer	680855.7	4861456.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
282	Farmer	681386.2	4861673.3		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
283	Residence	680683.5	4861597.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
284	Business	680064.3	4861343.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
285	Farmer	679680.1	4861213.5		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
286	Farmer	681344.8	4861792.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
287	Youth Centre	685644.2	4864814.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
288	Bowmanville Arena	685462.9	4864615.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
289	Bowmanville Rec Complex	684160.3	4864604.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
290	Recreation Complex	684586.6	4862406.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
291	Superdog Central	681487.7	4865723.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
292	Equestrian Centre	681567.1	4863670.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
293	Flea Market	678574.6	4862819.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
294	Equestrian Centre	680030.8	4867320.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
295	Courtice Community Comp	678099.3	4864629.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
296	Former Restaurant	679830.2	4860702.2		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
297	Commercial	679364.8	4861016.0		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
298	GM Oshawa Headquarters	676418.3	4860463.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
299	Farm A?	682972.3	4862201.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
300	Farm B?	683546.9	4861959.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
301	Farm C?	682547.5	4862321.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
302	Farm D?	683238.3	4862393.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
303	Farm E?	682512.6	4862858.0		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
304	Farm F?	683129.1	4863649.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
305	Bennett 1	688209.3	4862512.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
306	Bennett 2	687990.0	4863221.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
307	Bennett 3	688818.4	4862836.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
308	Bennett 4	689045.1	4863365.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
309	Bennett 5	688270.5	4863763.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
310	Bennett 6	689908.5	4863100.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
311	Bennett 7	688929.9	4864392.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
312	Bennett 8	689684.2	4863837.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
313	Soper 1	687557.9	4862512.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
314	Soper 2	687241.9	4863171.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
315	Soper 3	687023.2	4863903.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
316	Soper 4	688158.2	4865389.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
317	Soper 5	685027.3	4868253.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
318	Soper 6	687287.4	4867037.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
319	Soper 7	685683.2	4867148.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
320	Soper 8	686748.7	4865874.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0	

Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	
		(m)	(m)		Updated Facility Contaminant Emission Rate (g/s)	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00	1.87E-04	1.66E-03	4.72E-05	1.62E-05
					Background Concentration (ug/m3)	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
325	Bowmanville 5	682452.2	4869417.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
326	Bowmanville 6	684778.5	4864888.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
327	Bowmanville 7	684549.5	4866404.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
328	Upper Tooley 1	679944.8	4864883.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
329	Upper Tooley 2	679055.1	4863885.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
330	Upper Tooley 3	679714.0	4862767.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
331	Upper Tooley 4	678898.8	4861800.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
332	Upper Tooley 5	680353.5	4862156.5		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
333	Upper Tooley 6	679818.1	4861625.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
334	Robinson 1	678434.8	4860943.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
335	Robinson 2	677752.6	4861240.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
336	Robinson 3	677642.2	4861787.2		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
337	Robinson 4	678532.7	4862143.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
338	Robinson 5	678005.1	4862784.9		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
339	Robinson 6	677882.7	4860587.7		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
340	F/B 1	677443.1	4867862.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
341	F/B 2	679667.4	4866611.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
342	F/B 3	678655.0	4867470.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
343	F/B 4	676191.2	4866844.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
344	F/B 5	678273.3	4866093.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
345	F/B 6	681241.2	4867098.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
346	F/B 7	682165.3	4868082.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
347	F/B 8	679366.6	4868628.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
348	F/B 9	680310.1	4869967.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
349	F/B 10	676487.3	4869291.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
350	F/B 11	676851.4	4865409.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
351	F/B 12	681153.3	4868682.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
352	F/B 13	675416.3	4859833.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
353	Second 1	675153.4	4860552.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
354	Second 2	675297.5	4860891.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
355	Second 3	675647.2	4860644.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
356	Second 4	675670.5	4860076.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
357	Second 5	676043.3	4860319.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
358	Second 6	675923.4	4859821.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
359	McLaughlin Bay 1	676714.7	4860903.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
360	McLaughlin Bay 2	677310.8	4860528.2		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
361	McLaughlin Bay 3	676563.5	4860260.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
362	McLaughlin Bay 4	676699.5	4859696.6		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
363	McLaughlin Bay 5	677560.0	4860060.1		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
364	McLaughlin Bay 6	678204.5	4859832.5		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
365	Harmony Creek 1	674178.3	4861024.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
366	Harmony Creek 2	674592.0	4862605.3		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
367	Harmony Creek 3	672863.4	4862808.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
368	Harmony Creek 4	675671.6	4864469.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
369	Harmony Creek 5	672443.1	4864713.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
370	Harmony Creek 6	674830.5	4866909.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
371	Harmony Creek 7	675799.9	4868594.1		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
372	Westside 1	686082.6	4862776.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
373	Westside 2	685778.7	4862137.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	
374	Westside 3	685084.2	4862827.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1									



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	1.69E-05	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.87E-05	5.82E-03	0.00E+00	3.42E-05	1.34E-05	1.57E-03	0.00E+00	0.00E+00	1.87E-04	1.66E-03	4.72E-05	1.62E-05
				Background Concentration (ug/m3)	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
379	Darlington 5	683223.2	4861114.0		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
380	Darlington 6	683947.7	4862362.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
381	Darlington 7	685361.9	4861143.4		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
382	Bennett ECO/HH	688606.4	4862634.8		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
383	Oshawa ECO/HH	673884.9	4859128.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
384	Oshawa Creek 1	671671.2	4862793.7		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
385	Oshawa Creek 2	671668.5	4861589.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
386	Oshawa Creek 3	672820.2	4861287.2		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
387	Oshawa Creek 4	672360.3	4860262.6		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
388	Oshawa Creek 5	673921.2	4860115.0		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
389	Oshawa Creek 6	673154.0	4859421.9		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
390	Farmer	677409.8	4861051.4		0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54
391	Commercial Market	688276.3	4864698.5		0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Trichlorofluoro methane	Trichlorotrifluoro ethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.69E-03	0.00E+00	1.44E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	2.15	0.81	5.88E-03	4.83			
1	Campground 10	678526.8	4859996.8		2.15	0.81	6.80E-03	4.84		0.00E+00	0.00E+00
2	ECO 2	675490.4	4860360.1		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
3	Recreational 5	681642.0	4860349.3		2.15	0.81	7.38E-03	4.85		0.00E+00	0.00E+00
4	ECO 4	676831.5	4859840.9		2.15	0.81	6.73E-03	4.84		0.00E+00	0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
6	ECO 6	679647.8	4859989.3		2.15	0.81	6.93E-03	4.84		0.00E+00	0.00E+00
7	ECO 7	681578.8	4862070.1		2.15	0.81	7.02E-03	4.84		0.00E+00	0.00E+00
8	ECO 8	679735.5	4861048.6		2.15	0.81	7.63E-03	4.85		0.00E+00	0.00E+00
9	ECO 9	687219.7	4864249.3		2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
10	ECO 10	686519.0	4861987.6		2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
11	ECO 11	679870.4	4859737.9		2.15	0.81	6.79E-03	4.84		0.00E+00	0.00E+00
12	Recreational 4	681575.5	4860557.7		2.15	0.81	6.85E-03	4.84		0.00E+00	0.00E+00
13	Future Industrial 9	680704.5	4859857.8		2.15	0.81	6.80E-03	4.84		0.00E+00	0.00E+00
14	Future Industrial 10	680608.0	4860719.6		2.15	0.81	7.56E-03	4.85		0.00E+00	0.00E+00
15	Harmony Creek	673992.4	4865641.4		2.15	0.81	6.25E-03	4.83		0.00E+00	0.00E+00
16	Farewell Creek	678079.2	4868822.7		2.15	0.81	6.18E-03	4.83		0.00E+00	0.00E+00
17	Farmer	681378.6	4860335.0		2.15	0.81	7.49E-03	4.85		0.00E+00	0.00E+00
18	Watson Farm	682883.4	4864219.7		2.15	0.81	6.69E-03	4.84		0.00E+00	0.00E+00
19	Racanski Farm	678929.2	4865530.2		2.15	0.81	6.44E-03	4.83		0.00E+00	0.00E+00
20	Zoo	687216.8	4864835.3		2.15	0.81	6.16E-03	4.83		0.00E+00	0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9		2.15	0.81	6.43E-03	4.83		0.00E+00	0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2		2.15	0.81	6.95E-03	4.84		0.00E+00	0.00E+00
23	OPG 1	682258.1	4860045.0		2.15	0.81	6.69E-03	4.84		0.00E+00	0.00E+00
24	OPG 2	682551.4	4859889.1		2.15	0.81	6.57E-03	4.83		0.00E+00	0.00E+00
25	OPG 3	682824.6	4859759.3		2.15	0.81	6.48E-03	4.83		0.00E+00	0.00E+00
26	OPG 4	683021.6	4859937.3		2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
27	OPG 5	683318.2	4859677.8		2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
28	OPG 6	683306.9	4860023.0		2.15	0.81	6.53E-03	4.83		0.00E+00	0.00E+00
29	OPG 7	683718.6	4859915.8		2.15	0.81	6.40E-03	4.83		0.00E+00	0.00E+00
30	OPG 8	682702.0	4859998.6		2.15	0.81	6.66E-03	4.84		0.00E+00	0.00E+00
31	OPG 9	684347.7	4861184.6		2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
32	OPG 10	682157.2	4861228.2		2.15	0.81	6.90E-03	4.84		0.00E+00	0.00E+00
33	St. Mary's 1	684557.0	4861070.0		2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
34	St. Mary's 2	684657.3	4861320.8		2.15	0.81	6.39E-03	4.83		0.00E+00	0.00E+00
35	St. Mary's 3	684905.3	4861154.4		2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
36	Court. Subdivision 1	677328.4	4862976.1		2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
37	Court. Subdivision 2	676187.9	4862611.1		2.15	0.81	6.34E-03	4.83		0.00E+00	0.00E+00
38	Court. Subdivision 3	675974.8	4863484.1		2.15	0.81	6.18E-03	4.83		0.00E+00	0.00E+00
39	Court. Subdivision 4	676606.1	4863214.1		2.15	0.81	6.33E-03	4.83		0.00E+00	0.00E+00
40	Court. Subdivision 5	676827.1	4863591.4		2.15	0.81	6.48E-03	4.83		0.00E+00	0.00E+00
41	Court. Subdivision 6	677200.4	4864074.9		2.15	0.81	6.43E-03	4.83		0.00E+00	0.00E+00
42	Court. Subdivision 7	677719.8	4863625.1		2.15	0.81	6.43E-03	4.83		0.00E+00	0.00E+00
43	Court. Subdivision 8	678271.6	4864200.6		2.15	0.81	6.40E-03	4.83		0.00E+00	0.00E+00
44	Court. Subdivision 9	678184.4	4863373.6		2.15	0.81	6.35E-03	4.83		0.00E+00	0.00E+00
45	Court. Subdivision 10	677179.7	4862499.5		2.15	0.81	6.34E-03	4.83		0.00E+00	0.00E+00
46	Bow. Subdivision 1	683536.7	4864215.2		2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
47	Bow. Subdivision 2	683770.0	4863915.1		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
48	Bow. Subdivision 3	683671.0	4863534.1		2.15	0.81	6.65E-03	4.84		0.00E+00	0.00E+00
49	Bow. Subdivision 4	684501.9	4863847.4		2.15	0.81	6.36E-03	4.83		0.00E+00	0.00E+00
50	Bow. Subdivision 5	684242.9	4863518.8		2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
51	Bow. Subdivision 6	684271.4	4863201.5		2.15	0.81	6.32E-03	4.83		0.00E+00	0.00E+00
52	Bow. Subdivision 7	683992.6	4862628.1		2.15	0.81	6.42E-03	4.83		0.00E+00	0.00E+00
53	Bow. Subdivision 8	684608.2	4862956.8		2.15	0.81	6.28E-03	4.83		0.00E+00	0.00E+00
54	Bow. Subdivision 9	684777.3	4863330.5		2.15	0.81	6.34E-03	4.83		0.00E+00	0.00E+00



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Trichlorofluoro methane	Trichlorotrifluoro ethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.69E-03	0.00E+00	1.44E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	2.15	0.81	5.88E-03	4.83			
55	Bow. Subdivision 10	685266.0	4863243.1		2.15	0.81	6.33E-03	4.83		0.00E+00	0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3		2.15	0.81	7.02E-03	4.84		0.00E+00	0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8		2.15	0.81	6.36E-03	4.83		0.00E+00	0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0		2.15	0.81	6.48E-03	4.83		0.00E+00	0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1		2.15	0.81	6.60E-03	4.84		0.00E+00	0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3		2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2		2.15	0.81	6.33E-03	4.83		0.00E+00	0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2		2.15	0.81	6.28E-03	4.83		0.00E+00	0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7		2.15	0.81	6.40E-03	4.83		0.00E+00	0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3		2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8		2.15	0.81	6.39E-03	4.83		0.00E+00	0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7		2.15	0.81	6.35E-03	4.83		0.00E+00	0.00E+00
67	Daycare B	685172.4	4863933.1		2.15	0.81	6.19E-03	4.83		0.00E+00	0.00E+00
68	Daycare C	685452.0	4863104.4		2.15	0.81	6.32E-03	4.83		0.00E+00	0.00E+00
69	Daycare D	685527.7	4864693.3		2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
70	Daycare E	685735.4	4864790.8		2.15	0.81	6.27E-03	4.83		0.00E+00	0.00E+00
71	Daycare F	685520.3	4864854.3		2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
72	Daycare G	685441.9	4864878.0		2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
73	Daycare H	686364.8	4864707.8		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
74	Daycare I	685721.6	4865127.3		2.15	0.81	6.27E-03	4.83		0.00E+00	0.00E+00
75	Daycare J	678256.3	4863565.4		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
76	Daycare K	677694.1	4864043.7		2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
77	Daycare L	676479.5	4862526.2		2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
78	Daycare M	678320.9	4864763.5		2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
79	Daycare N	678513.4	4865058.0		2.15	0.81	6.20E-03	4.83		0.00E+00	0.00E+00
80	Daycare O	672788.7	4863936.6		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
81	Daycare P	673952.8	4863592.5		2.15	0.81	6.13E-03	4.83		0.00E+00	0.00E+00
82	Daycare Q	671751.8	4864887.7		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
83	Daycare R	685714.4	4864667.4		2.15	0.81	6.25E-03	4.83		0.00E+00	0.00E+00
84	Daycare S	684177.9	4863618.2		2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
85	Daycare T	678423.6	4864480.4		2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
86	Daycare U	685330.5	4863435.1		2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
87	Daycare V	685153.2	4863236.9		2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
88	Daycare W	672679.0	4862044.9		2.15	0.81	6.12E-03	4.83		0.00E+00	0.00E+00
89	Daycare X	672076.5	4865285.8		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
90	Daycare Y	672638.0	4859664.4		2.15	0.81	6.12E-03	4.83		0.00E+00	0.00E+00
91	Daycare Z	673735.9	4858958.0		2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
92	Daycare AA	673121.8	4863385.9		2.15	0.81	6.13E-03	4.83		0.00E+00	0.00E+00
93	Daycare BB	673904.8	4862282.2		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
94	Daycare CC	671471.6	4861795.3		2.15	0.81	6.06E-03	4.83		0.00E+00	0.00E+00
95	Daycare DD	673057.3	4862625.6		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
96	Daycare EE	674917.1	4863957.2		2.15	0.81	6.16E-03	4.83		0.00E+00	0.00E+00
97	Daycare FF	671356.6	4862954.4		2.15	0.81	6.08E-03	4.83		0.00E+00	0.00E+00
98	Daycare GG	671675.5	4862705.8		2.15	0.81	6.09E-03	4.83		0.00E+00	0.00E+00
99	Daycare HH	671604.8	4860138.1		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
100	Daycare II	670945.2	4857983.8		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
101	Daycare JJ	677514.6	4864744.1		2.15	0.81	6.11E-03	4.83		0.00E+00	0.00E+00
102	Daycare KK	676519.9	4862680.1		2.15	0.81	6.28E-03	4.83		0.00E+00	0.00E+00
103	Daycare LL	677660.6	4863601.3		2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
104	Court. Subdivision 11	677665.8	4863406.6		2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
105	Daycare NN	674866.3	4864667.2		2.15	0.81	6.23E-03	4.83		0.00E+00	0.00E+00
106	Daycare OO	673201.0	4864746.4		2.15	0.81	6.11E-03	4.83		0.00E+00	0.00E+00
107	Daycare PP	674794.5	4864915.4		2.15	0.81	6.29E-03	4.83		0.00E+00	0.00E+00
108	Hospital	686324.2	4864395.8		2.15	0.81	6.22E-03	4.83		0.00E+00	0.00E+00



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Trichlorofluoro methane	Trichlorotrifluoro ethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.69E-03	0.00E+00	1.44E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	2.15	0.81	5.88E-03	4.83			
109	Hospital (Children's)	676057.8	4862180.9		2.15	0.81	6.42E-03	4.83		0.00E+00	0.00E+00
110	Hospital	671233.2	4863615.9		2.15	0.81	6.05E-03	4.83		0.00E+00	0.00E+00
111	Comm. Resp. Services	676045.4	4863902.5		2.15	0.81	6.35E-03	4.83		0.00E+00	0.00E+00
112	Hospital	671712.7	4862364.1		2.15	0.81	6.08E-03	4.83		0.00E+00	0.00E+00
113	Retirement Residence A	684199.9	4864120.3		2.15	0.81	6.33E-03	4.83		0.00E+00	0.00E+00
114	Retirement Residence B	685483.9	4865150.9		2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
115	Retirement Residence C	686844.0	4864732.1		2.15	0.81	6.17E-03	4.83		0.00E+00	0.00E+00
116	Retirement Residence D	673481.7	4863343.4		2.15	0.81	6.15E-03	4.83		0.00E+00	0.00E+00
117	Retirement Residence E	671825.2	4864399.0		2.15	0.81	6.08E-03	4.83		0.00E+00	0.00E+00
118	Retirement Residence F	671606.3	4864536.0		2.15	0.81	6.08E-03	4.83		0.00E+00	0.00E+00
119	Retirement Residence G	671357.1	4862958.7		2.15	0.81	6.08E-03	4.83		0.00E+00	0.00E+00
120	Retirement Residence H	671514.0	4862262.9		2.15	0.81	6.09E-03	4.83		0.00E+00	0.00E+00
121	Retirement Residence I	672602.2	4863075.9		2.15	0.81	6.08E-03	4.83		0.00E+00	0.00E+00
122	Retirement Residence J	671719.1	4862893.1		2.15	0.81	6.09E-03	4.83		0.00E+00	0.00E+00
123	Retirement Residence K	686718.0	4865648.7		2.15	0.81	6.18E-03	4.83		0.00E+00	0.00E+00
124	Retirement Residence L	676168.7	4865669.9		2.15	0.81	6.18E-03	4.83		0.00E+00	0.00E+00
125	Retirement Residence M	676118.5	4863980.7		2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7		2.15	0.81	6.35E-03	4.83		0.00E+00	0.00E+00
127	Primary School B	685384.8	4863575.3		2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
128	Primary School C	685021.6	4863952.9		2.15	0.81	6.19E-03	4.83		0.00E+00	0.00E+00
129	Primary School D	686237.0	4864085.5		2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
130	Primary School E	686719.0	4863734.7		2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
131	Primary School F	686357.0	4864754.9		2.15	0.81	6.13E-03	4.83		0.00E+00	0.00E+00
132	Primary School G	685502.0	4865013.4		2.15	0.81	6.27E-03	4.83		0.00E+00	0.00E+00
133	Primary School H	686726.7	4866061.5		2.15	0.81	6.17E-03	4.83		0.00E+00	0.00E+00
134	Primary School I	685186.2	4866568.2		2.15	0.81	6.15E-03	4.83		0.00E+00	0.00E+00
135	Primary School J	685965.3	4866979.0		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
136	Primary School K	677709.9	4864726.5		2.15	0.81	6.19E-03	4.83		0.00E+00	0.00E+00
137	Primary School L	675988.3	4864270.2		2.15	0.81	6.44E-03	4.83		0.00E+00	0.00E+00
138	Primary School M	676608.7	4862739.0		2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
139	Primary School N	677222.2	4863759.1		2.15	0.81	6.54E-03	4.83		0.00E+00	0.00E+00
140	Primary School O	678154.9	4863872.7		2.15	0.81	6.29E-03	4.83		0.00E+00	0.00E+00
141	Court. Subdivision 12	678309.6	4863600.8		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
142	Primary School Q	677010.6	4862470.6		2.15	0.81	6.33E-03	4.83		0.00E+00	0.00E+00
143	Primary School R	677431.3	4866694.7		2.15	0.81	6.22E-03	4.83		0.00E+00	0.00E+00
144	Primary School S	675266.2	4863562.9		2.15	0.81	6.17E-03	4.83		0.00E+00	0.00E+00
145	Primary School T	673479.2	4860029.4		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
146	Primary School U	670856.0	4860710.6		2.15	0.81	6.05E-03	4.83		0.00E+00	0.00E+00
147	Primary School V	672660.2	4863909.2		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
148	Primary School W	672735.2	4859232.9		2.15	0.81	6.32E-03	4.83		0.00E+00	0.00E+00
149	Primary School X	673575.8	4862688.6		2.15	0.81	6.11E-03	4.83		0.00E+00	0.00E+00
150	Primary School Y	673710.3	4861969.0		2.15	0.81	6.20E-03	4.83		0.00E+00	0.00E+00
151	Primary School Z	672366.0	4859928.1		2.15	0.81	6.12E-03	4.83		0.00E+00	0.00E+00
152	Primary School AA	672561.7	4866047.1		2.15	0.81	6.11E-03	4.83		0.00E+00	0.00E+00
153	Primary School BB	675095.1	4862930.4		2.15	0.81	6.21E-03	4.83		0.00E+00	0.00E+00
154	Primary School CC	673242.6	4865197.9		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
155	Primary School DD	674164.9	4863031.3		2.15	0.81	6.20E-03	4.83		0.00E+00	0.00E+00
156	Primary School EE	671905.6	4864697.8		2.15	0.81	6.09E-03	4.83		0.00E+00	0.00E+00
157	Primary School FF	673294.9	4858774.5		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
158	Primary School GG	671659.7	4863120.0		2.15	0.81	6.08E-03	4.83		0.00E+00	0.00E+00
159	Primary School HH	673853.4	4866711.0		2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
160	Primary School II	672616.7	4862114.9		2.15	0.81	6.11E-03	4.83		0.00E+00	0.00E+00
161	Primary School JJ	673567.2	4861899.5		2.15	0.81	6.17E-03	4.83		0.00E+00	0.00E+00
162	Primary School KK	671791.0	4861954.2		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00





Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Trichlorofluoro methane	Trichlorotrifluoro ethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.69E-03	0.00E+00	1.44E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	2.15	0.81	5.88E-03	4.83			
163	Primary School LL	673762.3	4864210.6		2.15	0.81	6.11E-03	4.83		0.00E+00	0.00E+00
164	Primary School MM	672238.8	4864621.3		2.15	0.81	6.09E-03	4.83		0.00E+00	0.00E+00
165	Primary School NN	673213.6	4858677.0		2.15	0.81	6.19E-03	4.83		0.00E+00	0.00E+00
166	Primary School OO	675474.8	4863221.7		2.15	0.81	6.22E-03	4.83		0.00E+00	0.00E+00
167	Primary School PP	672441.8	4858748.6		2.15	0.81	6.27E-03	4.83		0.00E+00	0.00E+00
168	Primary School QQ	672796.8	4864438.2		2.15	0.81	6.09E-03	4.83		0.00E+00	0.00E+00
169	Primary School RR	671351.4	4863284.0		2.15	0.81	6.07E-03	4.83		0.00E+00	0.00E+00
170	Primary School SS	673213.9	4862125.5		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
171	Primary School TT	671017.9	4860953.7		2.15	0.81	6.03E-03	4.83		0.00E+00	0.00E+00
172	Primary School UU	670991.0	4861089.8		2.15	0.81	6.02E-03	4.83		0.00E+00	0.00E+00
173	Primary School VV	674150.1	4862294.8		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
174	Primary School WW	672005.2	4861707.9		2.15	0.81	6.08E-03	4.83		0.00E+00	0.00E+00
175	Primary School XX	684172.1	4863615.6		2.15	0.81	6.48E-03	4.83		0.00E+00	0.00E+00
176	Primary School YY	683923.3	4866636.4		2.15	0.81	6.23E-03	4.83		0.00E+00	0.00E+00
177	Primary School ZZ	680446.0	4865770.5		2.15	0.81	6.13E-03	4.83		0.00E+00	0.00E+00
178	Vacant School	685612.9	4864520.0		2.15	0.81	6.22E-03	4.83		0.00E+00	0.00E+00
179	Secondary School A	686291.4	4865064.3		2.15	0.81	6.17E-03	4.83		0.00E+00	0.00E+00
180	Secondary School B	683875.0	4864741.7		2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
181	Secondary School C	684650.3	4866460.3		2.15	0.81	6.16E-03	4.83		0.00E+00	0.00E+00
182	Secondary School D	678099.5	4864838.2		2.15	0.81	6.25E-03	4.83		0.00E+00	0.00E+00
183	Secondary School E	678467.0	4863431.2		2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
184	Secondary School F	674144.9	4862762.7		2.15	0.81	6.13E-03	4.83		0.00E+00	0.00E+00
185	Secondary School G	673816.0	4864357.1		2.15	0.81	6.12E-03	4.83		0.00E+00	0.00E+00
186	Secondary School H	673145.4	4858569.0		2.15	0.81	6.20E-03	4.83		0.00E+00	0.00E+00
187	Secondary School I	671291.7	4863581.3		2.15	0.81	6.05E-03	4.83		0.00E+00	0.00E+00
188	Secondary School J	671443.2	4861664.9		2.15	0.81	6.05E-03	4.83		0.00E+00	0.00E+00
189	Secondary School K	673235.3	4860885.0		2.15	0.81	6.07E-03	4.83		0.00E+00	0.00E+00
190	Secondary School L	684252.7	4866500.5		2.15	0.81	6.19E-03	4.83		0.00E+00	0.00E+00
191	Secondary School M	673914.1	4859551.7		2.15	0.81	6.27E-03	4.83		0.00E+00	0.00E+00
192	Secondary School N	675051.5	4864177.2		2.15	0.81	6.16E-03	4.83		0.00E+00	0.00E+00
193	Adult School	685276.1	4866019.8		2.15	0.81	6.21E-03	4.83		0.00E+00	0.00E+00
194	Bow. Valley Cons. 1	685356.6	4864521.2		2.15	0.81	6.28E-03	4.83		0.00E+00	0.00E+00
195	Bow. Valley Cons. 2	685627.7	4864167.8		2.15	0.81	6.18E-03	4.83		0.00E+00	0.00E+00
196	Bow. Valley Cons. 4	685852.7	4863640.2		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
197	Bow. Valley Cons. 5	686163.1	4863621.5		2.15	0.81	6.29E-03	4.83		0.00E+00	0.00E+00
198	Bow. Valley Cons. 6	685931.9	4863380.6		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
199	Maple Grove 1	681688.5	4864717.0		2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
200	Maple Grove 2	681768.9	4864631.8		2.15	0.81	6.27E-03	4.83		0.00E+00	0.00E+00
201	Maple Grove 3	681894.9	4864506.8		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
202	Maple Grove 4	681974.8	4864443.2		2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
203	Maple Grove 5	681942.2	4864676.7		2.15	0.81	6.25E-03	4.83		0.00E+00	0.00E+00
204	Maple Grove 6	682053.2	4864586.2		2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
205	Maple Grove 7	682168.5	4864631.3		2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
206	Maple Grove 8	682261.7	4864520.9		2.15	0.81	6.36E-03	4.83		0.00E+00	0.00E+00
207	Maple Grove 9	682382.1	4864589.4		2.15	0.81	6.42E-03	4.83		0.00E+00	0.00E+00
208	Maple Grove 10	682459.8	4864499.2		2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
209	Port Darlington 1	686227.8	4861159.0		2.15	0.81	6.40E-03	4.83		0.00E+00	0.00E+00
210	Port Darlington 2	686184.8	4861252.0		2.15	0.81	6.40E-03	4.83		0.00E+00	0.00E+00
211	Port Darlington 3	686151.2	4861286.8		2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
212	Port Darlington 4	686351.1	4861341.6		2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
213	Port Darlington 5	686406.8	4861448.7		2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
214	Port Darlington 6	686504.5	4861604.0		2.15	0.81	6.43E-03	4.83		0.00E+00	0.00E+00
215	Port Darlington 7	686703.0	4861789.3		2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
216	Port Darlington 8	686895.8	4861960.2		2.15	0.81	6.25E-03	4.83		0.00E+00	0.00E+00



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Trichlorofluoro methane	Trichlorotrifluoro ethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.69E-03	0.00E+00	1.44E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	2.15	0.81	5.88E-03	4.83			
217	Port Darlington 9	686867.4	4862119.7		2.15	0.81	6.22E-03	4.83		0.00E+00	0.00E+00
218	Port Darlington 10	687190.7	4862048.8		2.15	0.81	6.20E-03	4.83		0.00E+00	0.00E+00
219	Port Darlington 11	687524.4	4862126.8		2.15	0.81	6.19E-03	4.83		0.00E+00	0.00E+00
220	Campground 1	678646.3	4860337.7		2.15	0.81	7.02E-03	4.84		0.00E+00	0.00E+00
221	Campground 2	678410.2	4860148.6		2.15	0.81	7.12E-03	4.84		0.00E+00	0.00E+00
222	Campground 3	678651.0	4860054.4		2.15	0.81	6.89E-03	4.84		0.00E+00	0.00E+00
223	Campground 4	678725.9	4859860.7		2.15	0.81	6.84E-03	4.84		0.00E+00	0.00E+00
224	Campground 5	678511.1	4859808.6		2.15	0.81	6.58E-03	4.83		0.00E+00	0.00E+00
225	Campground 6	678869.5	4859696.0		2.15	0.81	6.72E-03	4.84		0.00E+00	0.00E+00
226	Campground 7	678723.9	4860201.8		2.15	0.81	7.22E-03	4.84		0.00E+00	0.00E+00
227	Campground 8	678796.0	4860011.4		2.15	0.81	6.80E-03	4.84		0.00E+00	0.00E+00
228	Campground 9	678852.7	4859854.2		2.15	0.81	6.77E-03	4.84		0.00E+00	0.00E+00
229	Solina 1	681099.6	4861677.2		2.15	0.81	6.90E-03	4.84		0.00E+00	0.00E+00
230	Solina 2	681115.7	4861857.7		2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
231	Solina 3	680987.4	4861983.5		2.15	0.81	6.93E-03	4.84		0.00E+00	0.00E+00
232	Solina 4	680965.0	4862068.1		2.15	0.81	6.84E-03	4.84		0.00E+00	0.00E+00
233	Solina 5	681021.5	4862086.7		2.15	0.81	6.88E-03	4.84		0.00E+00	0.00E+00
234	Solina 6	680939.8	4862124.3		2.15	0.81	6.72E-03	4.84		0.00E+00	0.00E+00
235	Solina 7	680988.2	4862183.6		2.15	0.81	6.77E-03	4.84		0.00E+00	0.00E+00
236	Solina 8	680984.6	4862209.8		2.15	0.81	6.72E-03	4.84		0.00E+00	0.00E+00
237	Solina 9	680958.6	4862294.9		2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00
238	Solina 10	680858.0	4862324.3		2.15	0.81	7.03E-03	4.84		0.00E+00	0.00E+00
239	Solina 11	680990.3	4862403.5		2.15	0.81	6.73E-03	4.84		0.00E+00	0.00E+00
240	Recreational 1	681545.0	4860865.0		2.15	0.81	6.82E-03	4.84		0.00E+00	0.00E+00
241	Recreational 2	681563.7	4860687.4		2.15	0.81	7.19E-03	4.84		0.00E+00	0.00E+00
242	Recreational 3	681579.7	4860610.0		2.15	0.81	6.98E-03	4.84		0.00E+00	0.00E+00
243	Recreational 6	681876.6	4860254.4		2.15	0.81	7.27E-03	4.84		0.00E+00	0.00E+00
244	Recreational 7	682166.9	4860324.4		2.15	0.81	7.14E-03	4.84		0.00E+00	0.00E+00
245	Darlington 1	679565.4	4861052.9		2.15	0.81	7.63E-03	4.85		0.00E+00	0.00E+00
246	Darlington 2	679452.9	4861051.4		2.15	0.81	7.45E-03	4.85		0.00E+00	0.00E+00
247	Darlington 3	679130.5	4860948.8		2.15	0.81	7.46E-03	4.85		0.00E+00	0.00E+00
248	Darlington 4	679112.6	4860941.9		2.15	0.81	7.49E-03	4.85		0.00E+00	0.00E+00
249	Darlington 5	679057.6	4860994.1		2.15	0.81	7.38E-03	4.85		0.00E+00	0.00E+00
250	Darlington 6	679075.2	4860931.6		2.15	0.81	7.50E-03	4.85		0.00E+00	0.00E+00
251	Darlington 7	678814.3	4860843.1		2.15	0.81	7.09E-03	4.84		0.00E+00	0.00E+00
252	Darlington 8	678840.4	4860777.1		2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
253	Light Ind. 1	680000.1	4861034.1		2.15	0.81	7.04E-03	4.84		0.00E+00	0.00E+00
254	Light Ind. 2	680060.7	4861056.4		2.15	0.81	7.07E-03	4.84		0.00E+00	0.00E+00
255	Light Ind. 3	680291.2	4861151.6		2.15	0.81	7.62E-03	4.85		0.00E+00	0.00E+00
256	Light Ind. 4	680536.3	4861204.6		2.15	0.81	7.42E-03	4.85		0.00E+00	0.00E+00
257	Light Ind. 5	680350.4	4861290.6		2.15	0.81	7.48E-03	4.85		0.00E+00	0.00E+00
258	Light Ind. 6	680306.9	4861275.6		2.15	0.81	7.46E-03	4.85		0.00E+00	0.00E+00
259	Light Ind. 7	680267.2	4861262.4		2.15	0.81	7.53E-03	4.85		0.00E+00	0.00E+00
260	Light Ind. 8	680233.6	4861250.7		2.15	0.81	7.57E-03	4.85		0.00E+00	0.00E+00
261	Light Ind. 9	680175.3	4861227.5		2.15	0.81	7.52E-03	4.85		0.00E+00	0.00E+00
262	Light Ind. 10	680092.5	4861185.1		2.15	0.81	7.21E-03	4.84		0.00E+00	0.00E+00
263	Light Ind. 11	680071.6	4861246.6		2.15	0.81	7.23E-03	4.84		0.00E+00	0.00E+00
264	Light Ind. 12	680021.4	4861186.9		2.15	0.81	7.20E-03	4.84		0.00E+00	0.00E+00
265	Future Industrial 7	680816.2	4860219.3		2.15	0.81	7.06E-03	4.84		0.00E+00	0.00E+00
266	Future Industrial 8	680398.0	4860731.8		2.16	0.81	8.35E-03	4.86		0.00E+00	0.00E+00
267	Future Industrial 1	680359.6	4859959.2		2.15	0.81	6.61E-03	4.84		0.00E+00	0.00E+00
268	Future Industrial 2	680083.7	4859985.7		2.15	0.81	6.89E-03	4.84		0.00E+00	0.00E+00
269	Future Industrial 3	680819.9	4860705.3		2.15	0.81	7.53E-03	4.85		0.00E+00	0.00E+00
270	Future Industrial 4	681070.0	4859937.2		2.15	0.81	7.12E-03	4.84		0.00E+00	0.00E+00



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Trichlorofluoro methane	Trichlorotrifluoro ethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.69E-03	0.00E+00	1.44E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	2.15	0.81	5.88E-03	4.83			
271	Future Industrial 5	679898.8	4860067.4		2.15	0.81	7.11E-03	4.84		0.00E+00	0.00E+00
272	Future Industrial 6	680134.8	4860694.1		2.15	0.81	7.60E-03	4.85		0.00E+00	0.00E+00
273	Future Industrial 11	680253.7	4860255.2		2.15	0.81	7.09E-03	4.84		0.00E+00	0.00E+00
274	Future Industrial 12	679901.2	4860511.8		2.15	0.81	6.97E-03	4.84		0.00E+00	0.00E+00
275	Commercial Farmer	679867.8	4860445.4		2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
276	Farmer	679277.0	4859981.5		2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
277	Residence	679387.2	4860648.9		2.15	0.81	6.98E-03	4.84		0.00E+00	0.00E+00
278	Barn	679261.9	4860574.2		2.15	0.81	6.96E-03	4.84		0.00E+00	0.00E+00
279	Residence	680150.7	4861295.7		2.15	0.81	7.39E-03	4.85		0.00E+00	0.00E+00
280	Residence	679939.8	4861213.4		2.15	0.81	7.09E-03	4.84		0.00E+00	0.00E+00
281	Farmer	680855.7	4861456.9		2.15	0.81	7.20E-03	4.84		0.00E+00	0.00E+00
282	Farmer	681386.2	4861673.3		2.15	0.81	7.22E-03	4.84		0.00E+00	0.00E+00
283	Residence	680683.5	4861597.9		2.15	0.81	7.08E-03	4.84		0.00E+00	0.00E+00
284	Business	680064.3	4861343.7		2.15	0.81	7.20E-03	4.84		0.00E+00	0.00E+00
285	Farmer	679680.1	4861213.5		2.15	0.81	7.26E-03	4.84		0.00E+00	0.00E+00
286	Farmer	681344.8	4861792.9		2.15	0.81	6.94E-03	4.84		0.00E+00	0.00E+00
287	Youth Centre	685644.2	4864814.8		2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
288	Bowmanville Arena	685462.9	4864615.2		2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
289	Bowmanville Rec Complex	684160.3	4864604.5		2.15	0.81	6.34E-03	4.83		0.00E+00	0.00E+00
290	Recreation Complex	684586.6	4862406.3		2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
291	Superdog Central	681487.7	4865723.3		2.15	0.81	6.17E-03	4.83		0.00E+00	0.00E+00
292	Equestrian Centre	681567.1	4863670.7		2.15	0.81	6.48E-03	4.83		0.00E+00	0.00E+00
293	Flea Market	678574.6	4862819.4		2.15	0.81	6.57E-03	4.83		0.00E+00	0.00E+00
294	Equestrian Centre	680030.8	4867320.2		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
295	Courtice Community Comp	678099.3	4864629.8		2.15	0.81	6.28E-03	4.83		0.00E+00	0.00E+00
296	Former Restaurant	679830.2	4860702.2		2.15	0.81	7.22E-03	4.84		0.00E+00	0.00E+00
297	Commercial	679364.8	4861016.0		2.15	0.81	7.42E-03	4.85		0.00E+00	0.00E+00
298	GM Oshawa Headquarters	676418.3	4860463.7		2.15	0.81	6.44E-03	4.83		0.00E+00	0.00E+00
299	Farm A?	682972.3	4862201.9		2.15	0.81	6.52E-03	4.83		0.00E+00	0.00E+00
300	Farm B?	683546.9	4861959.7		2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
301	Farm C?	682547.5	4862321.1		2.15	0.81	6.72E-03	4.84		0.00E+00	0.00E+00
302	Farm D?	683238.3	4862393.3		2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
303	Farm E?	682512.6	4862858.0		2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
304	Farm F?	683129.1	4863649.4		2.15	0.81	6.68E-03	4.84		0.00E+00	0.00E+00
305	Bennett 1	688209.3	4862512.1		2.15	0.81	6.16E-03	4.83		0.00E+00	0.00E+00
306	Bennett 2	687990.0	4863221.3		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
307	Bennett 3	688818.4	4862836.3		2.15	0.81	6.16E-03	4.83		0.00E+00	0.00E+00
308	Bennett 4	689045.1	4863365.5		2.15	0.81	6.17E-03	4.83		0.00E+00	0.00E+00
309	Bennett 5	688270.5	4863763.1		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
310	Bennett 6	689908.5	4863100.5		2.15	0.81	6.12E-03	4.83		0.00E+00	0.00E+00
311	Bennett 7	688929.9	4864392.0		2.15	0.81	6.25E-03	4.83		0.00E+00	0.00E+00
312	Bennett 8	689684.2	4863837.7		2.15	0.81	6.12E-03	4.83		0.00E+00	0.00E+00
313	Soper 1	687557.9	4862512.4		2.15	0.81	6.19E-03	4.83		0.00E+00	0.00E+00
314	Soper 2	687241.9	4863171.7		2.15	0.81	6.16E-03	4.83		0.00E+00	0.00E+00
315	Soper 3	687023.2	4863903.8		2.15	0.81	6.23E-03	4.83		0.00E+00	0.00E+00
316	Soper 4	688158.2	4865389.3		2.15	0.81	6.15E-03	4.83		0.00E+00	0.00E+00
317	Soper 5	685027.3	4868253.9		2.15	0.81	6.16E-03	4.83		0.00E+00	0.00E+00
318	Soper 6	687287.4	4867037.3		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
319	Soper 7	685683.2	4867148.1		2.15	0.81	6.13E-03	4.83		0.00E+00	0.00E+00
320	Soper 8	686748.7	4865874.7		2.15	0.81	6.18E-03	4.83		0.00E+00	0.00E+00
321	Bowmanville 1	687026.3	4862368.4		2.15	0.81	6.20E-03	4.83		0.00E+00	0.00E+00
322	Bowmanville 2	686625.7	4863020.3		2.15	0.81	6.17E-03	4.83		0.00E+00	0.00E+00
323	Bowmanville 3	683380.3	4865365.9		2.15	0.81	6.33E-03	4.83		0.00E+00	0.00E+00
324	Bowmanville 4	683111.4	4867150.3		2.15	0.81	6.33E-03	4.83		0.00E+00	0.00E+00



Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Trichlorofluoro methane	Trichlorotrifluoro ethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.69E-03	0.00E+00	1.44E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	2.15	0.81	5.88E-03	4.83			
325	Bowmanville 5	682452.2	4869417.5		2.15	0.81	6.05E-03	4.83		0.00E+00	0.00E+00
326	Bowmanville 6	684778.5	4864888.2		2.15	0.81	6.22E-03	4.83		0.00E+00	0.00E+00
327	Bowmanville 7	684549.5	4866404.4		2.15	0.81	6.16E-03	4.83		0.00E+00	0.00E+00
328	Upper Tooley 1	679944.8	4864883.1		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
329	Upper Tooley 2	679055.1	4863885.8		2.15	0.81	6.25E-03	4.83		0.00E+00	0.00E+00
330	Upper Tooley 3	679714.0	4862767.4		2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
331	Upper Tooley 4	678898.8	4861800.6		2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
332	Upper Tooley 5	680353.5	4862156.5		2.15	0.81	6.78E-03	4.84		0.00E+00	0.00E+00
333	Upper Tooley 6	679818.1	4861625.7		2.15	0.81	7.00E-03	4.84		0.00E+00	0.00E+00
334	Robinson 1	678434.8	4860943.1		2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
335	Robinson 2	677752.6	4861240.6		2.15	0.81	6.72E-03	4.84		0.00E+00	0.00E+00
336	Robinson 3	677642.2	4861787.2		2.15	0.81	6.51E-03	4.83		0.00E+00	0.00E+00
337	Robinson 4	678532.7	4862143.6		2.15	0.81	6.75E-03	4.84		0.00E+00	0.00E+00
338	Robinson 5	678005.1	4862784.9		2.15	0.81	6.65E-03	4.84		0.00E+00	0.00E+00
339	Robinson 6	677882.7	4860587.7		2.15	0.81	6.66E-03	4.84		0.00E+00	0.00E+00
340	F/B 1	677443.1	4867862.1		2.15	0.81	6.11E-03	4.83		0.00E+00	0.00E+00
341	F/B 2	679667.4	4866611.4		2.15	0.81	6.22E-03	4.83		0.00E+00	0.00E+00
342	F/B 3	678655.0	4867470.1		2.15	0.81	6.23E-03	4.83		0.00E+00	0.00E+00
343	F/B 4	676191.2	4866844.7		2.15	0.81	6.12E-03	4.83		0.00E+00	0.00E+00
344	F/B 5	678273.3	4866093.0		2.15	0.81	6.21E-03	4.83		0.00E+00	0.00E+00
345	F/B 6	681241.2	4867098.8		2.15	0.81	6.12E-03	4.83		0.00E+00	0.00E+00
346	F/B 7	682165.3	4868082.3		2.15	0.81	6.09E-03	4.83		0.00E+00	0.00E+00
347	F/B 8	679366.6	4868628.3		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
348	F/B 9	680310.1	4869967.1		2.15	0.81	6.04E-03	4.83		0.00E+00	0.00E+00
349	F/B 10	676487.3	4869291.6		2.15	0.81	6.16E-03	4.83		0.00E+00	0.00E+00
350	F/B 11	676851.4	4865409.3		2.15	0.81	6.17E-03	4.83		0.00E+00	0.00E+00
351	F/B 12	681153.3	4868682.2		2.15	0.81	6.08E-03	4.83		0.00E+00	0.00E+00
352	F/B 13	675416.3	4859833.9		2.15	0.81	6.44E-03	4.83		0.00E+00	0.00E+00
353	Second 1	675153.4	4860552.8		2.15	0.81	6.25E-03	4.83		0.00E+00	0.00E+00
354	Second 2	675297.5	4860891.3		2.15	0.81	6.22E-03	4.83		0.00E+00	0.00E+00
355	Second 3	675647.2	4860644.9		2.15	0.81	6.32E-03	4.83		0.00E+00	0.00E+00
356	Second 4	675670.5	4860076.5		2.15	0.81	6.34E-03	4.83		0.00E+00	0.00E+00
357	Second 5	676043.3	4860319.1		2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
358	Second 6	675923.4	4859821.4		2.15	0.81	6.56E-03	4.83		0.00E+00	0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8		2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
360	McLaughlin Bay 2	677310.8	4860528.2		2.15	0.81	6.60E-03	4.84		0.00E+00	0.00E+00
361	McLaughlin Bay 3	676563.5	4860260.1		2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
362	McLaughlin Bay 4	676699.5	4859696.6		2.15	0.81	7.17E-03	4.84		0.00E+00	0.00E+00
363	McLaughlin Bay 5	677560.0	4860060.1		2.15	0.81	6.90E-03	4.84		0.00E+00	0.00E+00
364	McLaughlin Bay 6	678204.5	4859832.5		2.15	0.81	6.63E-03	4.84		0.00E+00	0.00E+00
365	Harmony Creek 1	674178.3	4861024.2		2.15	0.81	6.12E-03	4.83		0.00E+00	0.00E+00
366	Harmony Creek 2	674592.0	4862605.3		2.15	0.81	6.15E-03	4.83		0.00E+00	0.00E+00
367	Harmony Creek 3	672863.4	4862808.0		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
368	Harmony Creek 4	675671.6	4864469.0		2.15	0.81	6.40E-03	4.83		0.00E+00	0.00E+00
369	Harmony Creek 5	672443.1	4864713.0		2.15	0.81	6.09E-03	4.83		0.00E+00	0.00E+00
370	Harmony Creek 6	674830.5	4866909.6		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
371	Harmony Creek 7	675799.9	4868594.1		2.15	0.81	6.15E-03	4.83		0.00E+00	0.00E+00
372	Westside 1	686082.6	4862776.6		2.15	0.81	6.19E-03	4.83		0.00E+00	0.00E+00
373	Westside 2	685778.7	4862137.9		2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
374	Westside 3	685084.2	4862827.4		2.15	0.81	6.33E-03	4.83		0.00E+00	0.00E+00
375	Darlington 1	680977.5	4865674.4		2.15	0.81	6.21E-03	4.83		0.00E+00	0.00E+00
376	Darlington 2	680913.9	4863967.1		2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
377	Darlington 3	682602.8	4863659.6		2.15	0.81	6.83E-03	4.84		0.00E+00	0.00E+00
378	Darlington 4	682206.4	4862910.4		2.15	0.81	6.79E-03	4.84		0.00E+00	0.00E+00





Appendix F - 5: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2A

Receptor	Name	UTM E	UTM N	Contaminant	Trichlorofluoro methane	Trichlorotrifluoro ethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	Updated Facility Contaminant Emission Rate (g/s)	5.69E-03	0.00E+00	1.44E-03	0.02		0.00E+00	0.00E+00
				Background Concentration (ug/m3)	2.15	0.81	5.88E-03	4.83			
379	Darlington 5	683223.2	4861114.0		2.15	0.81	6.68E-03	4.84		0.00E+00	0.00E+00
380	Darlington 6	683947.7	4862362.0		2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
381	Darlington 7	685361.9	4861143.4		2.15	0.81	6.32E-03	4.83		0.00E+00	0.00E+00
382	Bennett ECO/HH	688606.4	4862634.8		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
383	Oshawa ECO/HH	673884.9	4859128.9		2.15	0.81	6.46E-03	4.83		0.00E+00	0.00E+00
384	Oshawa Creek 1	671671.2	4862793.7		2.15	0.81	6.09E-03	4.83		0.00E+00	0.00E+00
385	Oshawa Creek 2	671668.5	4861589.5		2.15	0.81	6.04E-03	4.83		0.00E+00	0.00E+00
386	Oshawa Creek 3	672820.2	4861287.2		2.15	0.81	6.07E-03	4.83		0.00E+00	0.00E+00
387	Oshawa Creek 4	672360.3	4860262.6		2.15	0.81	6.10E-03	4.83		0.00E+00	0.00E+00
388	Oshawa Creek 5	673921.2	4860115.0		2.15	0.81	6.14E-03	4.83		0.00E+00	0.00E+00
389	Oshawa Creek 6	673154.0	4859421.9		2.15	0.81	6.26E-03	4.83		0.00E+00	0.00E+00
390	Farmer	677409.8	4861051.4		2.15	0.81	6.95E-03	4.84		0.00E+00	0.00E+00
391	Commercial Market	688276.3	4864698.5		2.15	0.81	6.22E-03	4.83		0.00E+00	0.00E+00



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium
		(m)	(m)	(ug/m3)	(ug/m3)													Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)		7.02E-09	8.44E-06	4.65E-03	3.20E-04
							19.52		64.57	1040.00		22.82	86.16				5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	
1	Campground 10	678526.8	4859996.8	4.89E+01	2.05E-02		33.66	3.64	64.94	1088.88	18.18	29.01	92.35	6.19	2.18	19.79		8.20E-08	1.31E-04		0.53	8.45E-03	4.58E-03	0.02
2	ECO 2	675490.4	4860360.1	2.54E+01	1.07E-02		26.88	1.89	64.76	1065.44	9.46	29.03	92.37	6.21	1.14	10.30		7.04E-08	1.17E-04		0.53	7.92E-03	4.50E-03	0.02
3	Recreational 5	681642.0	4860349.3	5.65E+01	2.36E-02		35.85	4.20	64.99	1096.46	21.00	27.18	90.52	4.36	2.52	22.86		8.58E-08	1.36E-04		0.54	8.62E-03	4.60E-03	0.02
4	ECO 4	676831.5	4859840.9	2.28E+01	9.57E-03		26.12	1.70	64.74	1062.83	8.49	25.81	89.16	2.99	1.02	9.24		6.91E-08	1.16E-04		0.52	7.86E-03	4.49E-03	0.02
5	Bow. Valley Cons. 3	685767.2	4863879.0	1.39E+01	5.84E-03		23.55	1.04	64.68	1053.93	5.18	24.77	88.11	1.95	0.62	5.64		6.47E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02
6	ECO 6	679647.8	4859989.3	4.91E+01	2.06E-02		33.72	3.65	64.94	1089.10	18.26	27.43	90.77	4.61	2.19	19.88		8.21E-08	1.32E-04		0.53	8.46E-03	4.58E-03	0.02
7	ECO 7	681578.8	4862070.1	3.90E+01	1.63E-02		30.81	2.90	64.86	1079.02	14.51	27.04	90.38	4.22	1.74	15.80		7.71E-08	1.26E-04		0.53	8.23E-03	4.54E-03	0.02
8	ECO 8	679735.5	4861048.6	8.62E+01	3.61E-02		44.46	6.41	65.21	1126.22	32.07	29.37	92.71	6.55	3.85	34.92		1.01E-07	1.54E-04		0.55	9.30E-03	4.71E-03	0.02
9	ECO 9	687219.7	4864249.3	1.15E+01	4.80E-03		22.84	0.85	64.66	1051.46	4.26	25.50	88.84	2.68	0.51	4.64		6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02
10	ECO 10	686519.0	4861987.6	1.45E+01	6.09E-03		23.72	1.08	64.68	1054.53	5.40	25.13	88.47	2.31	0.65	5.88		6.50E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02
11	ECO 11	679870.4	4859737.9	3.91E+01	1.64E-02		30.84	2.91	64.86	1079.15	14.56	26.70	90.04	3.88	1.75	15.85		7.72E-08	1.26E-04		0.53	8.23E-03	4.54E-03	0.02
12	Recreational 4	681575.5	4860557.7	5.78E+01	2.41E-02		36.23	4.30	65.00	1097.76	21.48	27.37	90.71	4.55	2.58	23.39		8.64E-08	1.37E-04		0.54	8.65E-03	4.61E-03	0.02
13	Future Industrial 9	680704.5	4859857.8	9.72E+01	4.07E-02		47.63	7.23	65.30	1137.17	36.14	30.15	93.49	7.33	4.34	39.35		1.06E-07	1.60E-04		0.55	9.55E-03	4.74E-03	0.02
14	Future Industrial 10	680608.0	4860719.6	1.15E+02	4.81E-02		52.68	8.53	65.43	1154.63	42.63	33.34	96.68	10.52	5.12	46.42		1.15E-07	1.71E-04		0.56	9.94E-03	4.81E-03	0.02
15	Harmony Creek	673992.4	4865641.4	7.55E+00	3.16E-03		21.70	0.56	64.63	1047.55	2.81	25.29	88.63	2.47	0.34	3.06		6.15E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02
16	Farewell Creek	678079.2	4868822.7	8.78E+00	3.68E-03		22.06	0.65	64.64	1048.78	3.27	26.48	89.82	3.66	0.39	3.56		6.21E-08	1.08E-04		0.52	7.54E-03	4.44E-03	0.02
17	Farmer	681378.6	4860335.0	5.87E+01	2.46E-02		36.51	4.37	65.01	1098.72	21.84	27.38	90.72	4.56	2.62	23.78		8.69E-08	1.37E-04		0.54	8.68E-03	4.61E-03	0.02
18	Watson Farm	682883.4	4864219.7	2.09E+01	8.75E-03		25.56	1.55	64.73	1060.89	7.77	27.09	90.43	4.27	0.93	8.46		6.81E-08	1.15E-04		0.52	7.82E-03	4.48E-03	0.02
19	Racanski Farm	678929.2	4865530.2	1.25E+01	5.26E-03		23.15	0.93	64.67	1052.55	4.67	26.25	89.60	3.43	0.56	5.08		6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02
20	Zoo	687216.8	4864835.3	1.11E+01	4.66E-03		22.73	0.83	64.66	1051.11	4.13	25.05	88.39	2.23	0.50	4.50		6.33E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02
21	Cedar Crest Beach	686652.1	4861660.9	2.03E+01	8.49E-03		25.39	1.51	64.72	1060.28	7.54	25.31	88.65	2.49	0.90	8.21		6.78E-08	1.14E-04		0.52	7.80E-03	4.48E-03	0.02
22	Darlington Prov Park Beach	677844.6	4859718.2	2.89E+01	1.21E-02		27.87	2.15	64.79	1068.86	10.73	27.47	90.81	4.65	1.29	11.69		7.21E-08	1.20E-04		0.53	8.00E-03	4.51E-03	0.02
23	OPG 1	682258.1	4860045.0	3.41E+01	1.43E-02		29.39	2.54	64.83	1074.13	12.69	27.59	90.93	4.77	1.52	13.82		7.47E-08	1.23E-04		0.53	8.12E-03	4.53E-03	0.02
24	OPG 2	682551.4	4859889.1	3.19E+01	1.34E-02		28.76	2.38	64.81	1071.95	11.88	27.19	90.53	4.37	1.43	12.94		7.36E-08	1.21E-04		0.53	8.07E-03	4.52E-03	0.02
25	OPG 3	682824.6	4859759.3	2.82E+01	1.18E-02		27.68	2.10	64.78	1068.20	10.49	26.94	90.28	4.12	1.26	11.42		7.18E-08	1.19E-04		0.53	7.98E-03	4.51E-03	0.02
26	OPG 4	683021.6	4859937.3	2.76E+01	1.16E-02		27.51	2.06	64.78	1067.63	10.28	26.79	90.13	3.97	1.23	11.19		7.15E-08	1.19E-04		0.53	7.97E-03	4.50E-03	0.02
27	OPG 5	683318.2	4859677.8	2.26E+01	9.48E-03		26.07	1.68	64.74	1062.63	8.42	26.65	89.99	3.83	1.01	9.16		6.90E-08	1.16E-04		0.52	7.86E-03	4.49E-03	0.02
28	OPG 6	683306.9	4860023.0	3.42E+01	1.43E-02		29.40	2.54	64.83	1074.16	12.70	26.59	89.93	3.77	1.52	13.83		7.47E-08	1.23E-04		0.53	8.12E-03	4.53E-03	0.02
29	OPG 7	683718.6	4859915.8	2.35E+01	9.85E-03		26.32	1.75	64.75	1063.49	8.74	26.39	89.73	3.57	1.05	9.51		6.94E-08	1.16E-04		0.53	7.88E-03	4.49E-03	0.02
30	OPG 8	682702.0	4859998.6	2.66E+01	1.12E-02		27.22	1.98	64.77	1066.64	9.91	27.00	90.34	4.18	1.19	10.79		7.10E-08	1.18E-04		0.53	7.95E-03	4.50E-03	0.02
31	OPG 9	684347.7	4861184.6	2.04E+01	8.55E-03		25.42	1.52	64.72	1060.40	7.59	25.00	88.34	2.18	0.91	8.26		6.79E-08	1.14E-04		0.52	7.81E-03	4.48E-03	0.02
32	OPG 10	682157.2	4861228.2	5.01E+01	2.10E-02		34.00	3.72	64.94	1090.07	18.62	26.67	90.01	3.85	2.23	20.28		8.26E-08	1.32E-04		0.53	8.48E-03	4.58E-03	0.02
33	St. Mary's 1	684557.0	4861070.0	2.77E+01	1.16E-02		27.55	2.06	64.78	1067.75	10.32	25.07	88.41	2.25	1.24	11.24		7.15E-08	1.19E-04		0.53	7.97E-03	4.50E-03	0.02
34	St. Mary's 2	684657.3	4861320.8	1.84E+01	7.72E-03		24.85	1.37	64.71	1058.43	6.86	24.80	88.14	1.98	0.82	7.46		6.69E-08	1.13E-04		0.52	7.76E-03	4.47E-03	0.02
35	St. Mary's 3	684905.3	4861154.4	2.43E+01	1.02E-02		26.55	1.81	64.75	1064.31	9.04	24.86	88.20	2.04	1.08	9.84		6.98E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02
36	Court. Subdivision 1	677328.4	4862976.1	2.23E+01	9.36E-03		25.98	1.66	64.74	1062.33	8.30	31.56	94.90	8.74	1.00	9.04		6.89E-08	1.16E-04		0.52	7.85E-03	4.48E-03	0.02
37	Court. Subdivision 2	676187.9	4862611.1	2.81E+01	1.18E-02		27.64	2.09	64.78	1068.07	10.44	26.34	89.68	3.52	1.25	11.37		7.17E-08	1.19E-04		0.53	7.98E-03	4.50E-03	0.02
38	Court. Subdivision 3	675974.8	4863484.1	1.80E+01	7.56E-03		24.74	1.34	64.71	1058.04	6.71	26.24	89.58	3.42	0.81	7.31		6.67E-08	1.13E-04		0.52	7.75E-03	4.47E-03	0.02
39	Court. Subdivision 4	676606.1	4863214.1	1.74E+01	7.31E-03		24.56	1.30	64.70	1057.42	6.48	28.20	91.54	5.38	0.78	7.06		6.64E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02
40	Court. Subdivision 5	676827.1	4863591.4	1.86E+01	7.81E-03		24.91	1.39	64.71	1058.64	6.93	29.77	93.11	6.95	0.83	7.55		6.70E-08	1.13E-04		0.52	7.77E-03	4.47E-03	0.02
41	Court. Subdivision 6	677200.4	4864074.9	2.07E+01	8.65E-03		25.51	1.54	64.73	1060.70	7.70	30.88	94.22	8.06	0.92	8.38		6.80E-08	1.15E-04		0.52	7.81E-03	4.48E-03	0.02
42	Court. Subdivision 7	677719.8	4863625.																					

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals			
		(m)	(m)	(ug/m3)	(ug/m3)														Contaminant Total Emission Rate (g/s) From Both Stacks	Aluminum	Antimony	Arsenic
							4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63	5.73	7.02E-09	8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04
55	Bow. Subdivision 10	685266.0	4863243.1	1.78E+01	7.45E-03		24.66	1.32	64.70	1057.76	6.61	25.03	88.37	2.21	0.79	7.19	6.66E-08	1.13E-04	0.52	7.75E-03	4.47E-03	0.02
56	Osh/Court Subdivision 1	677396.8	4860977.3	3.96E+01	1.66E-02		30.99	2.95	64.87	1079.64	14.74	31.99	95.33	9.17	1.77	16.05	7.74E-08	1.26E-04	0.53	8.24E-03	4.55E-03	0.02
57	Osh/Court Subdivision 2	676633.5	4860816.8	2.72E+01	1.14E-02		27.39	2.02	64.77	1067.21	10.12	27.93	91.27	5.11	1.21	11.02	7.13E-08	1.19E-04	0.53	7.96E-03	4.50E-03	0.02
58	Osh/Court Subdivision 3	676916.0	4861925.0	2.26E+01	9.49E-03		26.07	1.68	64.74	1062.65	8.42	28.32	91.66	5.50	1.01	9.17	6.90E-08	1.16E-04	0.52	7.86E-03	4.49E-03	0.02
59	Osh/Court Subdivision 4	676730.5	4861317.1	2.23E+01	9.36E-03		25.98	1.66	64.74	1062.33	8.30	27.97	91.31	5.15	1.00	9.04	6.89E-08	1.16E-04	0.52	7.85E-03	4.48E-03	0.02
60	Osh/Court Subdivision 5	676087.2	4861392.3	2.52E+01	1.06E-02		26.82	1.88	64.76	1065.24	9.39	26.96	90.30	4.14	1.13	10.22	7.03E-08	1.17E-04	0.53	7.92E-03	4.50E-03	0.02
61	Osh/Court Subdivision 6	676177.1	4861722.2	2.57E+01	1.08E-02		26.95	1.91	64.76	1065.70	9.56	26.82	90.17	4.00	1.15	10.41	7.05E-08	1.18E-04	0.53	7.93E-03	4.50E-03	0.02
62	Osh/Court Subdivision 7	675670.7	4861783.2	2.41E+01	1.01E-02		26.48	1.79	64.75	1064.06	8.95	26.68	90.02	3.86	1.07	9.74	6.97E-08	1.17E-04	0.53	7.89E-03	4.49E-03	0.02
63	Osh/Court Subdivision 8	676050.8	4862055.7	2.74E+01	1.15E-02		27.44	2.04	64.78	1067.39	10.19	26.52	89.86	3.70	1.22	11.09	7.14E-08	1.19E-04	0.53	7.97E-03	4.50E-03	0.02
64	Osh/Court Subdivision 9	676636.9	4862134.3	2.36E+01	9.87E-03		26.34	1.75	64.75	1063.59	8.77	27.36	90.70	4.54	1.05	9.55	6.95E-08	1.16E-04	0.53	7.88E-03	4.49E-03	0.02
65	Osh/Court Subdivision 10	676571.3	4861634.8	2.13E+01	8.93E-03		25.69	1.59	64.73	1061.31	7.93	27.52	90.86	4.70	0.95	8.63	6.83E-08	1.15E-04	0.52	7.83E-03	4.48E-03	0.02
66	Bow. Subdivision 11	684649.2	4863182.7	1.75E+01	7.35E-03		24.59	1.30	64.70	1057.52	6.52	25.38	88.72	2.56	0.78	7.10	6.65E-08	1.13E-04	0.52	7.74E-03	4.47E-03	0.02
67	Daycare B	685172.4	4863933.1	1.18E+01	4.93E-03		22.92	0.87	64.66	1051.76	4.37	25.14	88.48	2.32	0.52	4.76	6.36E-08	1.09E-04	0.52	7.61E-03	4.45E-03	0.02
68	Daycare C	685452.0	4863104.4	1.77E+01	7.43E-03		24.65	1.32	64.70	1057.72	6.59	24.94	88.28	2.12	0.79	7.18	6.66E-08	1.13E-04	0.52	7.75E-03	4.47E-03	0.02
69	Daycare D	685527.7	4864693.3	1.34E+01	5.61E-03		23.39	0.99	64.67	1053.37	4.97	25.42	88.76	2.60	0.60	5.41	6.44E-08	1.10E-04	0.52	7.65E-03	4.45E-03	0.02
70	Daycare E	685735.4	4864790.8	1.13E+01	4.75E-03		22.80	0.84	64.66	1051.33	4.22	25.43	88.77	2.61	0.51	4.59	6.34E-08	1.09E-04	0.52	7.60E-03	4.45E-03	0.02
71	Daycare F	685520.3	4864854.3	1.38E+01	5.80E-03		23.52	1.03	64.68	1053.81	5.14	25.50	88.84	2.68	0.62	5.59	6.46E-08	1.11E-04	0.52	7.66E-03	4.46E-03	0.02
72	Daycare G	685441.9	4864878.0	1.43E+01	6.00E-03		23.66	1.06	64.68	1054.30	5.32	25.52	88.86	2.70	0.64	5.79	6.49E-08	1.11E-04	0.52	7.67E-03	4.46E-03	0.02
73	Daycare H	686364.8	4864707.8	1.18E+01	4.95E-03		22.94	0.88	64.66	1051.82	4.39	25.23	88.57	2.41	0.53	4.79	6.36E-08	1.09E-04	0.52	7.61E-03	4.45E-03	0.02
74	Daycare I	685721.6	4865127.3	1.07E+01	4.51E-03		22.63	0.80	64.65	1050.75	4.00	25.58	88.92	2.76	0.48	4.35	6.31E-08	1.09E-04	0.52	7.59E-03	4.44E-03	0.02
75	Daycare J	678256.3	4863565.4	6.04E+01	2.53E-02		36.99	4.49	65.02	1100.41	22.47	28.69	92.03	5.87	2.70	24.46	8.77E-08	1.38E-04	0.54	8.71E-03	4.62E-03	0.02
76	Daycare K	677694.1	4864043.7	2.10E+01	8.79E-03		25.58	1.56	64.73	1060.96	7.80	30.73	94.08	7.91	0.94	8.49	6.82E-08	1.15E-04	0.52	7.82E-03	4.48E-03	0.02
77	Daycare L	676479.5	4862526.2	3.12E+01	1.31E-02		28.54	2.32	64.80	1071.18	11.60	27.55	90.89	4.73	1.39	12.63	7.32E-08	1.21E-04	0.53	8.05E-03	4.52E-03	0.02
78	Daycare M	678320.9	4864763.5	1.64E+01	6.88E-03		24.26	1.22	64.69	1056.40	6.10	27.79	91.13	4.97	0.73	6.64	6.59E-08	1.12E-04	0.52	7.72E-03	4.46E-03	0.02
79	Daycare N	678513.4	4865058.0	1.37E+01	5.72E-03		23.47	1.02	64.67	1053.66	5.08	27.18	90.52	4.36	0.61	5.53	6.46E-08	1.10E-04	0.52	7.66E-03	4.45E-03	0.02
80	Daycare O	672788.7	4863936.6	1.40E+01	5.85E-03		23.56	1.04	64.68	1053.98	5.20	25.14	88.48	2.32	0.62	5.66	6.47E-08	1.11E-04	0.52	7.66E-03	4.46E-03	0.02
81	Daycare P	673952.8	4863592.5	2.04E+01	8.54E-03		25.41	1.51	64.72	1060.37	7.57	25.32	88.66	2.50	0.91	8.25	6.79E-08	1.14E-04	0.52	7.81E-03	4.48E-03	0.02
82	Daycare Q	671751.8	4864887.7	1.38E+01	5.78E-03		23.51	1.02	64.67	1053.78	5.12	25.06	88.40	2.24	0.61	5.58	6.46E-08	1.11E-04	0.52	7.66E-03	4.46E-03	0.02
83	Daycare R	685714.4	4864667.4	1.23E+01	5.15E-03		23.08	0.91	64.66	1052.29	4.57	25.36	88.70	2.54	0.55	4.98	6.39E-08	1.10E-04	0.52	7.62E-03	4.45E-03	0.02
84	Daycare S	684177.9	4863618.2	2.07E+01	8.66E-03		25.50	1.54	64.73	1060.66	7.68	25.92	89.26	3.10	0.92	8.37	6.80E-08	1.15E-04	0.52	7.81E-03	4.48E-03	0.02
85	Daycare T	678423.6	4864480.4	1.92E+01	8.03E-03		25.07	1.43	64.72	1059.17	7.13	27.36	90.70	4.54	0.86	7.76	6.73E-08	1.14E-04	0.52	7.78E-03	4.47E-03	0.02
86	Daycare U	685330.5	4863435.1	1.95E+01	8.16E-03		25.16	1.45	64.72	1059.48	7.25	24.99	88.33	2.17	0.87	7.89	6.74E-08	1.14E-04	0.52	7.79E-03	4.48E-03	0.02
87	Daycare V	685153.2	4863236.9	2.06E+01	8.65E-03		25.49	1.53	64.73	1060.62	7.67	25.09	88.43	2.27	0.92	8.35	6.80E-08	1.15E-04	0.52	7.81E-03	4.48E-03	0.02
88	Daycare W	672679.0	4862044.9	1.06E+01	4.46E-03		22.60	0.79	64.65	1050.63	3.95	25.32	88.66	2.50	0.47	4.30	6.31E-08	1.09E-04	0.52	7.59E-03	4.44E-03	0.02
89	Daycare X	672076.5	4865285.8	1.08E+01	4.54E-03		22.65	0.81	64.65	1050.84	4.03	25.12	88.46	2.30	0.48	4.39	6.32E-08	1.09E-04	0.52	7.59E-03	4.45E-03	0.02
90	Daycare Y	672638.0	4859664.4	7.99E+00	3.35E-03		21.83	0.59	64.63	1047.99	2.97	25.22	88.56	2.40	0.36	3.24	6.17E-08	1.07E-04	0.52	7.53E-03	4.44E-03	0.02
91	Daycare Z	673735.9	4858958.0	1.30E+01	5.46E-03		23.29	0.97	64.67	1053.02	4.84	25.08	88.42	2.26	0.58	5.27	6.42E-08	1.10E-04	0.52	7.64E-03	4.45E-03	0.02
92	Daycare AA	673121.8	4863385.9	1.70E+01	7.12E-03		24.43	1.26	64.70	1056.98	6.32	25.35	88.69	2.53	0.76	6.88	6.62E-08	1.12E-04	0.52	7.73E-03	4.47E-03	0.02
93	Daycare BB	673904.8	4862282.2	2.09E+01	8.75E-03		25.56	1.55	64.73	1060.87	7.76	25.68	89.02	2.86	0.93	8.45	6.81E-08	1.15E-04	0.52	7.82E-03	4.48E-03	0.02
94	Daycare CC	671471.6	4861795.3	9.17E+00	3.84E-03		22.17	0.68	64.64	1049.17	3.41	25.27	88.61	2.45	0.41	3.71	6.23E-08	1.08E-04	0.52	7.55E-03	4.44E-03	0.02
95	Daycare DD	673057.3	4862625.6	1.28E+01	5.38E-03		23.23	0.95	64.67	1052.84	4.77	25.48	88.82	2.66	0.57	5.20	6.41E-08	1.10E-04	0.52	7.64E-03	4.45E-03	0.02
96	Daycare EE	674917.1	4863957.2	1.23E+01	5.16E-03		23.08	0.92	64.66	1052.30	4.58	25.60	88.94	2.78	0.55	4.98	6.39E-08	1.10E-04	0.52	7.62E-03	4.45E-03	0.02
97	Daycare FF	671356.6	4862954.4	8.75E+00	3.66E-03		22.05	0.65	64.64	1048.75	3.25	25.53	88.87	2.71	0.39	3.54	6.21E-08	1.08E-04	0.52	7.54E-03	4.44E-03	0.02
98	Daycare GG	67167																				

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals			
		(m)	(m)	(ug/m3)	(ug/m3)														Contaminant Total Emission Rate (g/s) From Both Stacks	Aluminum	Antimony	Arsenic
							4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63	5.73	7.02E-09	8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04
112	Hospital	671712.7	4862364.1	8.17E+00	3.42E-03		21.88	0.61	64.63	1048.17	3.04	25.45	88.79	2.63	0.36	3.31	6.18E-08	1.07E-04	0.52	7.53E-03	4.44E-03	0.02
113	Retirement Residence A	684199.9	4864120.3	2.19E+01	9.18E-03		25.87	1.63	64.74	1061.93	8.16	26.01	89.35	3.19	0.98	8.88	6.87E-08	1.15E-04	0.52	7.84E-03	4.48E-03	0.02
114	Retirement Residence B	685483.9	4865150.9	1.22E+01	5.11E-03		23.04	0.91	64.66	1052.18	4.53	25.58	88.92	2.76	0.54	4.93	6.38E-08	1.10E-04	0.52	7.62E-03	4.45E-03	0.02
115	Retirement Residence C	686844.0	4864732.1	1.23E+01	5.17E-03		23.09	0.92	64.66	1052.33	4.59	25.14	88.48	2.32	0.55	4.99	6.39E-08	1.10E-04	0.52	7.62E-03	4.45E-03	0.02
116	Retirement Residence D	673481.7	4863343.4	1.76E+01	7.38E-03		24.61	1.31	64.70	1057.59	6.54	25.30	88.64	2.48	0.78	7.12	6.65E-08	1.13E-04	0.52	7.74E-03	4.47E-03	0.02
117	Retirement Residence E	671825.2	4864399.0	1.37E+01	5.72E-03		23.47	1.02	64.67	1053.65	5.08	25.07	88.41	2.25	0.61	5.53	6.45E-08	1.10E-04	0.52	7.65E-03	4.45E-03	0.02
118	Retirement Residence F	671606.3	4864536.0	1.36E+01	5.70E-03		23.45	1.01	64.67	1053.60	5.06	25.03	88.37	2.21	0.61	5.51	6.45E-08	1.10E-04	0.52	7.65E-03	4.45E-03	0.02
119	Retirement Residence G	671357.1	4862958.7	8.76E+00	3.67E-03		22.06	0.65	64.64	1048.76	3.26	25.53	88.87	2.71	0.39	3.55	6.21E-08	1.08E-04	0.52	7.54E-03	4.44E-03	0.02
120	Retirement Residence H	671514.0	4862262.9	7.78E+00	3.26E-03		21.77	0.58	64.63	1047.78	2.89	25.43	88.77	2.61	0.35	3.15	6.16E-08	1.07E-04	0.52	7.52E-03	4.43E-03	0.02
121	Retirement Residence I	672602.2	4863075.9	1.11E+01	4.65E-03		22.73	0.83	64.66	1051.10	4.13	25.49	88.83	2.67	0.50	4.49	6.33E-08	1.09E-04	0.52	7.60E-03	4.45E-03	0.02
122	Retirement Residence J	671719.1	4862893.1	8.88E+00	3.72E-03		22.09	0.66	64.64	1048.88	3.30	25.53	88.87	2.71	0.40	3.60	6.22E-08	1.08E-04	0.52	7.55E-03	4.44E-03	0.02
123	Retirement Residence K	686718.0	4865648.7	8.71E+00	3.65E-03		22.04	0.65	64.64	1048.71	3.24	25.59	88.93	2.77	0.39	3.53	6.21E-08	1.08E-04	0.52	7.54E-03	4.44E-03	0.02
124	Retirement Residence L	676168.7	4865669.9	1.48E+01	6.19E-03		23.79	1.10	64.68	1054.77	5.49	27.78	91.12	4.96	0.66	5.98	6.51E-08	1.11E-04	0.52	7.68E-03	4.46E-03	0.02
125	Retirement Residence M	676118.5	4863980.7	1.88E+01	7.89E-03		24.97	1.40	64.71	1058.83	7.00	27.00	90.34	4.18	0.84	7.62	6.71E-08	1.14E-04	0.52	7.77E-03	4.47E-03	0.02
126	Bow. Subdivision 12	684649.2	4863182.7	1.75E+01	7.35E-03		24.59	1.30	64.70	1057.52	6.52	25.38	88.72	2.56	0.78	7.10	6.65E-08	1.13E-04	0.52	7.74E-03	4.47E-03	0.02
127	Primary School B	685384.8	4863575.3	1.80E+01	7.54E-03		24.72	1.34	64.71	1057.99	6.69	24.94	88.28	2.12	0.80	7.28	6.67E-08	1.13E-04	0.52	7.75E-03	4.47E-03	0.02
128	Primary School C	685021.6	4863952.9	1.44E+01	6.03E-03		23.68	1.07	64.68	1054.38	5.35	25.25	88.59	2.43	0.64	5.82	6.49E-08	1.11E-04	0.52	7.67E-03	4.46E-03	0.02
129	Primary School D	686237.0	4864085.5	1.44E+01	6.04E-03		23.69	1.07	64.68	1054.42	5.36	24.85	88.19	2.03	0.64	5.84	6.49E-08	1.11E-04	0.52	7.67E-03	4.46E-03	0.02
130	Primary School E	686719.0	4863734.7	1.14E+01	4.79E-03		22.83	0.85	64.66	1051.44	4.26	25.30	88.64	2.48	0.51	4.63	6.35E-08	1.09E-04	0.52	7.60E-03	4.45E-03	0.02
131	Primary School F	686357.0	4864754.9	1.16E+01	4.84E-03		22.86	0.86	64.66	1051.56	4.30	25.26	88.60	2.44	0.52	4.68	6.35E-08	1.09E-04	0.52	7.61E-03	4.45E-03	0.02
132	Primary School G	685502.0	4865013.4	1.27E+01	5.33E-03		23.19	0.94	64.67	1052.70	4.72	25.55	88.89	2.73	0.57	5.14	6.41E-08	1.10E-04	0.52	7.63E-03	4.45E-03	0.02
133	Primary School H	686726.7	4866061.5	8.32E+00	3.49E-03		21.93	0.62	64.63	1048.32	3.09	25.64	88.98	2.82	0.37	3.37	6.19E-08	1.07E-04	0.52	7.53E-03	4.44E-03	0.02
134	Primary School I	685186.2	4866568.2	2.37E+01	9.92E-03		26.37	1.76	64.75	1063.67	8.80	25.27	88.61	2.45	1.06	9.59	6.95E-08	1.16E-04	0.53	7.88E-03	4.49E-03	0.02
135	Primary School J	685965.3	4866979.0	1.09E+01	4.57E-03		22.67	0.81	64.65	1050.90	4.05	25.44	88.78	2.62	0.49	4.42	6.32E-08	1.09E-04	0.52	7.59E-03	4.45E-03	0.02
136	Primary School K	677709.9	4864726.5	1.66E+01	6.95E-03		24.32	1.23	64.70	1056.59	6.17	29.60	92.94	6.78	0.74	6.72	6.60E-08	1.12E-04	0.52	7.72E-03	4.47E-03	0.02
137	Primary School L	675988.3	4864270.2	1.63E+01	6.85E-03		24.24	1.21	64.69	1056.33	6.07	26.92	90.26	4.10	0.73	6.61	6.59E-08	1.12E-04	0.52	7.72E-03	4.46E-03	0.02
138	Primary School M	676608.7	4862739.0	2.10E+01	8.82E-03		25.61	1.57	64.73	1061.05	7.83	28.41	91.75	5.59	0.94	8.52	6.82E-08	1.15E-04	0.52	7.82E-03	4.48E-03	0.02
139	Primary School N	677222.2	4863759.1	2.45E+01	1.03E-02		26.62	1.83	64.76	1064.54	9.13	31.26	94.60	8.44	1.10	9.94	6.99E-08	1.17E-04	0.53	7.90E-03	4.49E-03	0.02
140	Primary School O	678154.9	4863872.7	3.63E+01	1.52E-02		30.03	2.70	64.84	1076.34	13.51	29.06	92.40	6.24	1.62	14.72	7.58E-08	1.24E-04	0.53	8.17E-03	4.53E-03	0.02
141	Court. Subdivision 12	678309.6	4863600.8	5.57E+01	2.33E-02		35.62	4.14	64.99	1095.66	20.70	28.24	91.58	5.42	2.48	22.54	8.54E-08	1.36E-04	0.54	8.61E-03	4.60E-03	0.02
142	Primary School Q	677010.6	4862470.6	2.42E+01	1.02E-02		26.53	1.80	64.75	1064.23	9.01	30.32	93.66	7.50	1.08	9.81	6.98E-08	1.17E-04	0.53	7.89E-03	4.49E-03	0.02
143	Primary School R	677431.3	4866694.7	1.04E+01	4.37E-03		22.54	0.78	64.65	1050.43	3.88	27.86	91.20	5.04	0.47	4.22	6.29E-08	1.09E-04	0.52	7.58E-03	4.44E-03	0.02
144	Primary School S	675266.2	4863562.9	2.17E+01	9.09E-03		25.79	1.61	64.73	1061.68	8.06	25.32	88.66	2.50	0.97	8.78	6.85E-08	1.15E-04	0.52	7.84E-03	4.48E-03	0.02
145	Primary School T	673479.2	4860029.4	9.97E+00	4.18E-03		22.40	0.74	64.65	1049.97	3.71	25.77	89.11	2.95	0.44	4.04	6.27E-08	1.08E-04	0.52	7.57E-03	4.44E-03	0.02
146	Primary School U	670856.0	4860710.6	5.58E+00	2.34E-03		21.14	0.42	64.61	1045.58	2.08	24.85	88.19	2.03	0.25	2.26	6.05E-08	1.06E-04	0.52	7.47E-03	4.43E-03	0.02
147	Primary School V	672660.2	4863909.2	1.30E+01	5.45E-03		23.28	0.97	64.67	1053.01	4.84	25.18	88.52	2.36	0.58	5.27	6.42E-08	1.10E-04	0.52	7.64E-03	4.45E-03	0.02
148	Primary School W	672735.2	4859232.9	1.04E+01	4.37E-03		22.54	0.78	64.65	1050.43	3.88	25.09	88.43	2.27	0.47	4.22	6.30E-08	1.09E-04	0.52	7.58E-03	4.44E-03	0.02
149	Primary School X	673575.8	4862688.6	1.19E+01	4.98E-03		22.96	0.88	64.66	1051.89	4.42	25.43	88.77	2.61	0.53	4.81	6.37E-08	1.09E-04	0.52	7.61E-03	4.45E-03	0.02
150	Primary School Y	673710.3	4861969.0	2.27E+01	9.51E-03		26.09	1.69	64.74	1062.70	8.44	25.83	89.17	3.01	1.01	9.19	6.90E-08	1.16E-04	0.52	7.86E-03	4.49E-03	0.02
151	Primary School Z	672366.0	4859928.1	9.25E+00	3.87E-03		22.20	0.69	64.64	1049.25	3.44	25.19	88.53	2.37	0.41	3.75	6.24E-08	1.08E-04	0.52	7.56E-03	4.44E-03	0.02
152	Primary School AA	672561.7	4866047.1	7.11E+00	2.98E-03		21.58	0.53	64.63	1047.11	2.64	25.01	88.35	2.19	0.32	2.88	6.13E-08	1.07E-04	0.52	7.51E-03	4.43E-03	0.02
153	Primary School BB	675095.1	4862930.4	2.52E+01	1.06E-02		26.81	1.88	64.76	1065.21	9.38	25.67	89.01	2.85	1.13	10.21	7.03E-08	1.17E-04	0.53	7.92E-03	4.49E-03	0.02
154	Primary School CC	673242.6	4865197.9	7.60E+00	3.19E-03		21.72	0.57	64.63	1047.60	2.83	25.34	88.68	2.52	0.34	3.08	6.15E-08	1.07E-04	0.52	7.52E-03	4.43E-03	0.02
155	Primary School DD																					



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals			
		(m)	(m)	(ug/m3)	(ug/m3)														Contaminant Total Emission Rate (g/s) From Both Stacks	Aluminum	Antimony	Arsenic
							4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63	5.73	7.02E-09	8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04
169	Primary School RR	671351.4	4863284.0	8.38E+00	3.51E-03		21.95	0.62	64.63	1048.38	3.12	25.51	88.85	2.69	0.37	3.39	6.19E-08	1.07E-04	0.52	7.54E-03	4.44E-03	0.02
170	Primary School SS	673213.9	4862125.5	1.69E+01	7.10E-03		24.42	1.26	64.70	1056.94	6.30	25.42	88.76	2.60	0.76	6.86	6.62E-08	1.12E-04	0.52	7.73E-03	4.47E-03	0.02
171	Primary School TT	671017.9	4860953.7	5.67E+00	2.37E-03		21.16	0.42	64.61	1045.67	2.11	24.93	88.27	2.11	0.25	2.30	6.06E-08	1.06E-04	0.52	7.47E-03	4.43E-03	0.02
172	Primary School UU	670991.0	4861089.8	5.54E+00	2.32E-03		21.12	0.41	64.61	1045.54	2.06	25.00	88.34	2.18	0.25	2.24	6.05E-08	1.06E-04	0.52	7.47E-03	4.43E-03	0.02
173	Primary School VV	674150.1	4862294.8	1.95E+01	8.17E-03		25.16	1.45	64.72	1059.49	7.25	25.80	89.14	2.98	0.87	7.89	6.74E-08	1.14E-04	0.52	7.79E-03	4.48E-03	0.02
174	Primary School WW	672005.2	4861707.9	8.88E+00	3.72E-03		22.09	0.66	64.64	1048.88	3.30	25.20	88.54	2.38	0.40	3.60	6.22E-08	1.08E-04	0.52	7.55E-03	4.44E-03	0.02
175	Primary School XX	684172.1	4863615.6	2.08E+01	8.73E-03		25.55	1.55	64.73	1060.83	7.75	25.93	89.27	3.11	0.93	8.44	6.81E-08	1.15E-04	0.52	7.82E-03	4.48E-03	0.02
176	Primary School YY	683923.3	4866636.4	1.31E+01	5.48E-03		23.30	0.97	64.67	1053.08	4.86	25.05	88.39	2.23	0.58	5.30	6.43E-08	1.10E-04	0.52	7.64E-03	4.45E-03	0.02
177	Primary School ZZ	680446.0	4865770.5	1.29E+01	5.39E-03		23.24	0.96	64.67	1052.88	4.79	26.13	89.47	3.31	0.57	5.21	6.42E-08	1.10E-04	0.52	7.64E-03	4.45E-03	0.02
178	Vacant School	685612.9	4864520.0	1.24E+01	5.20E-03		23.11	0.92	64.66	1052.40	4.61	25.29	88.63	2.47	0.55	5.02	6.39E-08	1.10E-04	0.52	7.63E-03	4.45E-03	0.02
179	Secondary School A	686291.4	4865064.3	1.14E+01	4.78E-03		22.82	0.85	64.66	1051.40	4.24	25.46	88.80	2.64	0.51	4.62	6.34E-08	1.09E-04	0.52	7.60E-03	4.45E-03	0.02
180	Secondary School B	683875.0	4864741.7	1.69E+01	7.07E-03		24.40	1.26	64.70	1056.87	6.28	25.80	89.14	2.98	0.75	6.83	6.61E-08	1.12E-04	0.52	7.73E-03	4.47E-03	0.02
181	Secondary School C	684650.3	4866460.3	1.23E+01	5.16E-03		23.08	0.92	64.66	1052.31	4.58	25.07	88.42	2.25	0.55	4.99	6.39E-08	1.10E-04	0.52	7.62E-03	4.45E-03	0.02
182	Secondary School D	678099.5	4864838.2	1.45E+01	6.09E-03		23.72	1.08	64.68	1054.53	5.41	28.49	91.83	5.67	0.65	5.89	6.50E-08	1.11E-04	0.52	7.67E-03	4.46E-03	0.02
183	Secondary School E	678467.0	4863431.2	3.66E+01	1.53E-02		30.10	2.72	64.84	1076.58	13.60	27.11	90.45	4.29	1.63	14.81	7.59E-08	1.24E-04	0.53	8.17E-03	4.53E-03	0.02
184	Secondary School F	674144.9	4862762.7	2.07E+01	8.69E-03		25.52	1.54	64.73	1060.73	7.71	25.39	88.73	2.57	0.93	8.40	6.81E-08	1.15E-04	0.52	7.82E-03	4.48E-03	0.02
185	Secondary School G	673816.0	4864357.1	1.25E+01	5.23E-03		23.13	0.93	64.67	1052.47	4.64	25.45	88.79	2.63	0.56	5.05	6.40E-08	1.10E-04	0.52	7.63E-03	4.45E-03	0.02
186	Secondary School H	673145.4	4858569.0	8.90E+00	3.73E-03		22.10	0.66	64.64	1048.90	3.31	24.86	88.20	2.04	0.40	3.61	6.22E-08	1.08E-04	0.52	7.55E-03	4.44E-03	0.02
187	Secondary School I	671291.7	4863581.3	1.01E+01	4.24E-03		22.44	0.75	64.65	1050.11	3.76	25.46	88.80	2.64	0.45	4.09	6.28E-08	1.08E-04	0.52	7.57E-03	4.44E-03	0.02
188	Secondary School J	671443.2	4861664.9	9.04E+00	3.79E-03		22.13	0.67	64.64	1049.04	3.36	25.21	88.55	2.39	0.40	3.66	6.23E-08	1.08E-04	0.52	7.55E-03	4.44E-03	0.02
189	Secondary School K	673235.3	4860885.0	1.05E+01	4.41E-03		22.56	0.78	64.65	1050.51	3.91	26.08	89.42	3.26	0.47	4.26	6.30E-08	1.09E-04	0.52	7.58E-03	4.44E-03	0.02
190	Secondary School L	684252.7	4866500.5	1.49E+01	6.25E-03		23.83	1.11	64.68	1054.92	5.55	24.93	88.27	2.11	0.67	6.04	6.52E-08	1.11E-04	0.52	7.68E-03	4.46E-03	0.02
191	Secondary School M	673914.1	4859551.7	1.43E+01	5.97E-03		23.64	1.06	64.68	1054.25	5.30	25.53	88.87	2.71	0.64	5.77	6.48E-08	1.11E-04	0.52	7.67E-03	4.46E-03	0.02
192	Secondary School N	675051.5	4864177.2	1.19E+01	4.98E-03		22.96	0.88	64.66	1051.88	4.42	25.76	89.10	2.94	0.53	4.81	6.37E-08	1.09E-04	0.52	7.61E-03	4.45E-03	0.02
193	Adult School	685276.1	4866019.8	1.31E+01	5.48E-03		23.30	0.97	64.67	1053.08	4.86	25.43	88.77	2.61	0.58	5.30	6.43E-08	1.10E-04	0.52	7.64E-03	4.45E-03	0.02
194	Bow. Valley Cons. 1	685356.6	4864521.2	1.52E+01	6.37E-03		23.91	1.13	64.69	1055.19	5.65	25.38	88.72	2.56	0.68	6.15	6.53E-08	1.11E-04	0.52	7.69E-03	4.46E-03	0.02
195	Bow. Valley Cons. 2	685627.7	4864167.8	1.15E+01	4.80E-03		22.84	0.85	64.66	1051.47	4.26	24.97	88.31	2.15	0.51	4.64	6.35E-08	1.09E-04	0.52	7.61E-03	4.45E-03	0.02
196	Bow. Valley Cons. 4	685852.7	4863640.2	1.54E+01	6.45E-03		23.97	1.14	64.69	1055.39	5.72	24.74	88.08	1.92	0.69	6.23	6.54E-08	1.11E-04	0.52	7.69E-03	4.46E-03	0.02
197	Bow. Valley Cons. 5	686163.1	4863621.5	1.30E+01	5.44E-03		23.27	0.97	64.67	1052.98	4.83	24.65	87.99	1.83	0.58	5.26	6.42E-08	1.10E-04	0.52	7.64E-03	4.45E-03	0.02
198	Bow. Valley Cons. 6	685931.9	4863380.6	1.38E+01	5.77E-03		23.50	1.02	64.67	1053.77	5.12	24.73	88.07	1.91	0.61	5.58	6.46E-08	1.11E-04	0.52	7.66E-03	4.46E-03	0.02
199	Maple Grove 1	681688.5	4864717.0	2.47E+01	1.03E-02		26.65	1.83	64.76	1064.66	9.17	26.90	90.24	4.08	1.10	9.99	7.00E-08	1.17E-04	0.53	7.90E-03	4.49E-03	0.02
200	Maple Grove 2	681768.9	4864631.8	2.44E+01	1.02E-02		26.56	1.81	64.75	1064.35	9.06	26.99	90.33	4.17	1.09	9.86	6.99E-08	1.17E-04	0.53	7.90E-03	4.49E-03	0.02
201	Maple Grove 3	681894.9	4864506.8	2.34E+01	9.81E-03		26.29	1.74	64.75	1063.41	8.71	27.07	90.41	4.25	1.04	9.48	6.94E-08	1.16E-04	0.53	7.88E-03	4.49E-03	0.02
202	Maple Grove 4	681974.8	4864443.2	2.57E+01	1.08E-02		26.97	1.91	64.76	1065.74	9.57	27.07	90.41	4.25	1.15	10.42	7.05E-08	1.18E-04	0.53	7.93E-03	4.50E-03	0.02
203	Maple Grove 5	681942.2	4864676.7	1.97E+01	8.27E-03		25.23	1.47	64.72	1059.73	7.34	26.80	90.14	3.98	0.88	7.99	6.76E-08	1.14E-04	0.52	7.79E-03	4.48E-03	0.02
204	Maple Grove 6	682053.2	4864586.2	2.28E+01	9.58E-03		26.12	1.70	64.74	1062.82	8.49	26.83	90.17	4.01	1.02	9.24	6.91E-08	1.16E-04	0.52	7.86E-03	4.49E-03	0.02
205	Maple Grove 7	682168.5	4864631.3	1.91E+01	8.04E-03		25.06	1.42	64.71	1059.14	7.12	26.68	90.02	3.86	0.85	7.75	6.73E-08	1.14E-04	0.52	7.78E-03	4.47E-03	0.02
206	Maple Grove 8	682261.7	4864520.9	2.00E+01	8.38E-03		25.30	1.49	64.72	1059.99	7.43	26.71	90.05	3.89	0.89	8.09	6.77E-08	1.14E-04	0.52	7.80E-03	4.48E-03	0.02
207	Maple Grove 9	682382.1	4864589.4	1.99E+01	8.35E-03		25.29	1.48	64.72	1059.94	7.41	26.52	89.86	3.70	0.89	8.07	6.77E-08	1.14E-04	0.52	7.80E-03	4.48E-03	0.02
208	Maple Grove 10	682459.8	4864499.2	2.04E+01	8.53E-03		25.41	1.51	64.72	1060.35	7.57	26.51	89.85	3.69	0.91	8.24	6.79E-08	1.14E-04	0.52	7.81E-03	4.48E-03	0.02
209	Port Darlington 1	686227.8	4861159.0	2.30E+01	9.62E-03		26.16	1.71	64.74	1062.95	8.54	25.36	88.70	2.54	1.02	9.29	6.92E-08	1.16E-04	0.52	7.87E-03	4.49E-03	0.02
210	Port Darlington 2	686184.8	4861252.0	1.61E+01	6.73E-03		24.16	1.19	64.69	1056.05	5.97	25.01	88.35	2.19	0.72	6.50	6.57E-08	1.12E-04	0.52	7.71E-03	4.46E-03	0.02
211	Port Darlington 3	686151.2	4861286.8	1.40E+01	5.86E-03		23.57	1.04	64.68	1053.98	5.20	24.86	88.20	2.04	0.62	5.66	6.47E-08	1.11E-04	0.52	7.66E-03	4.46E-03	0.02

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals			
		(m)	(m)	(ug/m3)	(ug/m3)														Contaminant Total Emission Rate (g/s) From Both Stacks	Aluminum	Antimony	Arsenic
							4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63	5.73	7.02E-09	8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04
226	Campground 7	678723.9	4860201.8	4.22E+01	1.77E-02		31.72	3.14	64.89	1082.18	15.68	29.32	92.66	6.50	1.88	17.08	7.87E-08	1.27E-04	0.53	8.30E-03	4.55E-03	0.02
227	Campground 8	678796.0	4860011.4	5.05E+01	2.12E-02		34.14	3.76	64.95	1090.54	18.80	28.91	92.25	6.09	2.26	20.47	8.28E-08	1.32E-04	0.53	8.49E-03	4.58E-03	0.02
228	Campground 9	678852.7	4859854.2	3.59E+01	1.51E-02		29.92	2.67	64.84	1075.94	13.37	28.06	91.40	5.24	1.60	14.55	7.56E-08	1.24E-04	0.53	8.16E-03	4.53E-03	0.02
229	Solina 1	681099.6	4861677.2	5.28E+01	2.21E-02		34.80	3.93	64.97	1092.83	19.65	28.37	91.71	5.55	2.36	21.39	8.40E-08	1.34E-04	0.53	8.54E-03	4.59E-03	0.02
230	Solina 2	681115.7	4861857.7	4.25E+01	1.78E-02		31.81	3.16	64.89	1082.50	15.81	28.55	91.89	5.73	1.90	17.21	7.89E-08	1.28E-04	0.53	8.31E-03	4.55E-03	0.02
231	Solina 3	680987.4	4861983.5	3.53E+01	1.48E-02		29.74	2.63	64.84	1075.33	13.14	28.97	92.31	6.15	1.58	14.31	7.53E-08	1.23E-04	0.53	8.15E-03	4.53E-03	0.02
232	Solina 4	680965.0	4862068.1	3.66E+01	1.54E-02		30.12	2.73	64.85	1076.65	13.63	29.11	92.45	6.29	1.64	14.84	7.60E-08	1.24E-04	0.53	8.18E-03	4.53E-03	0.02
233	Solina 5	681021.5	4862086.7	3.19E+01	1.34E-02		28.75	2.37	64.81	1071.92	11.87	28.89	92.23	6.07	1.42	12.93	7.36E-08	1.21E-04	0.53	8.07E-03	4.52E-03	0.02
234	Solina 6	680939.8	4862124.3	3.87E+01	1.62E-02		30.73	2.88	64.86	1078.74	14.41	29.36	92.70	6.54	1.73	15.69	7.70E-08	1.25E-04	0.53	8.22E-03	4.54E-03	0.02
235	Solina 7	680988.2	4862183.6	3.54E+01	1.48E-02		29.76	2.63	64.84	1075.40	13.16	29.12	92.46	6.30	1.58	14.33	7.53E-08	1.23E-04	0.53	8.15E-03	4.53E-03	0.02
236	Solina 8	680984.6	4862209.8	3.59E+01	1.51E-02		29.91	2.67	64.84	1075.93	13.36	29.21	92.55	6.39	1.60	14.55	7.56E-08	1.24E-04	0.53	8.16E-03	4.53E-03	0.02
237	Solina 9	680958.6	4862294.9	3.58E+01	1.50E-02		29.87	2.66	64.84	1075.79	13.31	29.39	92.73	6.57	1.60	14.49	7.55E-08	1.24E-04	0.53	8.16E-03	4.53E-03	0.02
238	Solina 10	680858.0	4862324.3	3.35E+01	1.40E-02		29.20	2.49	64.82	1073.46	12.44	29.89	93.23	7.07	1.49	13.55	7.44E-08	1.22E-04	0.53	8.10E-03	4.52E-03	0.02
239	Solina 11	680990.3	4862403.5	3.37E+01	1.41E-02		29.27	2.51	64.82	1073.70	12.53	29.31	92.65	6.49	1.50	13.65	7.45E-08	1.22E-04	0.53	8.11E-03	4.52E-03	0.02
240	Recreational 1	681545.0	4860865.0	3.92E+01	1.64E-02		30.87	2.92	64.86	1079.22	14.59	26.81	90.15	3.99	1.75	15.88	7.72E-08	1.26E-04	0.53	8.23E-03	4.54E-03	0.02
241	Recreational 2	681563.7	4860687.4	5.59E+01	2.34E-02		35.69	4.16	64.99	1095.89	20.79	27.04	90.38	4.22	2.49	22.63	8.55E-08	1.36E-04	0.54	8.61E-03	4.60E-03	0.02
242	Recreational 3	681579.7	4860610.0	5.72E+01	2.39E-02		36.05	4.25	65.00	1097.16	21.26	27.31	90.65	4.49	2.55	23.15	8.61E-08	1.36E-04	0.54	8.64E-03	4.61E-03	0.02
243	Recreational 6	681876.6	4860254.4	6.28E+01	2.63E-02		37.69	4.67	65.04	1102.80	23.36	27.67	91.01	4.85	2.80	25.43	8.89E-08	1.40E-04	0.54	8.77E-03	4.63E-03	0.02
244	Recreational 7	682166.9	4860324.4	5.51E+01	2.31E-02		35.46	4.10	64.98	1095.10	20.49	27.10	90.44	4.28	2.46	22.31	8.51E-08	1.35E-04	0.54	8.59E-03	4.60E-03	0.02
245	Darlington 1	679565.4	4861052.9	7.64E+01	3.20E-02		41.61	5.68	65.14	1116.37	28.40	29.14	92.48	6.32	3.41	30.93	9.57E-08	1.48E-04	0.54	9.08E-03	4.67E-03	0.02
246	Darlington 2	679452.9	4861051.4	5.97E+01	2.50E-02		36.79	4.44	65.02	1099.70	22.20	28.92	92.26	6.10	2.66	24.18	8.74E-08	1.38E-04	0.54	8.70E-03	4.61E-03	0.02
247	Darlington 3	679130.5	4860948.8	5.72E+01	2.40E-02		36.07	4.25	65.00	1097.20	21.27	28.85	92.19	6.03	2.55	23.17	8.61E-08	1.36E-04	0.54	8.64E-03	4.61E-03	0.02
248	Darlington 4	679112.6	4860941.9	5.80E+01	2.43E-02		36.30	4.31	65.00	1098.00	21.57	28.98	92.32	6.16	2.59	23.49	8.65E-08	1.37E-04	0.54	8.66E-03	4.61E-03	0.02
249	Darlington 5	679057.6	4860994.1	5.49E+01	2.30E-02		35.41	4.09	64.98	1094.92	20.43	28.80	92.14	5.98	2.45	22.24	8.50E-08	1.35E-04	0.54	8.59E-03	4.60E-03	0.02
250	Darlington 6	679075.2	4860931.6	5.86E+01	2.45E-02		36.46	4.36	65.01	1098.57	21.78	29.11	92.45	6.29	2.61	23.72	8.68E-08	1.37E-04	0.54	8.67E-03	4.61E-03	0.02
251	Darlington 7	678814.3	4860843.1	5.76E+01	2.42E-02		36.19	4.29	65.00	1097.62	21.43	29.63	92.97	6.81	2.57	23.33	8.64E-08	1.37E-04	0.54	8.65E-03	4.61E-03	0.02
252	Darlington 8	678840.4	4860777.1	6.09E+01	2.55E-02		37.12	4.53	65.03	1100.86	22.63	29.14	92.48	6.32	2.72	24.64	8.80E-08	1.39E-04	0.54	8.72E-03	4.62E-03	0.02
253	Light Ind. 1	680000.1	4861034.1	5.61E+01	2.35E-02		35.76	4.18	64.99	1096.13	20.88	29.19	92.53	6.37	2.51	22.73	8.56E-08	1.36E-04	0.54	8.62E-03	4.60E-03	0.02
254	Light Ind. 2	680060.7	4861056.4	6.22E+01	2.60E-02		37.51	4.62	65.04	1102.18	23.12	29.28	92.62	6.46	2.77	25.18	8.86E-08	1.39E-04	0.54	8.75E-03	4.62E-03	0.02
255	Light Ind. 3	680291.2	4861151.6	6.55E+01	2.75E-02		38.48	4.87	65.06	1105.54	24.37	29.44	92.78	6.62	2.92	26.54	9.03E-08	1.41E-04	0.54	8.83E-03	4.63E-03	0.02
256	Light Ind. 4	680536.3	4861204.6	5.00E+01	2.09E-02		33.98	3.72	64.94	1090.00	18.60	30.55	93.89	7.73	2.23	20.25	8.26E-08	1.32E-04	0.53	8.48E-03	4.58E-03	0.02
257	Light Ind. 5	680350.4	4861290.6	5.97E+01	2.50E-02		36.80	4.44	65.02	1099.74	22.22	30.39	93.73	7.57	2.67	24.19	8.74E-08	1.38E-04	0.54	8.70E-03	4.61E-03	0.02
258	Light Ind. 6	680306.9	4861275.6	6.43E+01	2.70E-02		38.13	4.78	65.05	1104.32	23.92	30.03	93.37	7.21	2.87	26.05	8.97E-08	1.41E-04	0.54	8.80E-03	4.63E-03	0.02
259	Light Ind. 7	680267.2	4861262.4	6.72E+01	2.82E-02		38.97	5.00	65.07	1107.24	25.01	29.58	92.92	6.76	3.00	27.23	9.11E-08	1.42E-04	0.54	8.87E-03	4.64E-03	0.02
260	Light Ind. 8	680233.6	4861250.7	6.79E+01	2.84E-02		39.15	5.05	65.08	1107.87	25.24	29.09	92.43	6.27	3.03	27.48	9.14E-08	1.43E-04	0.54	8.88E-03	4.64E-03	0.02
261	Light Ind. 9	680175.3	4861227.5	6.57E+01	2.75E-02		38.52	4.89	65.06	1105.69	24.43	28.97	92.31	6.15	2.93	26.60	9.04E-08	1.42E-04	0.54	8.83E-03	4.64E-03	0.02
262	Light Ind. 10	680092.5	4861185.1	5.65E+01	2.37E-02		35.87	4.20	64.99	1096.52	21.02	29.16	92.50	6.34	2.52	22.89	8.58E-08	1.36E-04	0.54	8.63E-03	4.60E-03	0.02
263	Light Ind. 11	680071.6	4861246.6	5.97E+01	2.50E-02		36.80	4.44	65.02	1099.74	22.22	29.18	92.52	6.36	2.67	24.19	8.74E-08	1.38E-04	0.54	8.70E-03	4.61E-03	0.02
264	Light Ind. 12	680021.4	4861186.9	5.39E+01	2.26E-02		35.13	4.01	64.97	1093.95	20.06	29.27	92.61	6.45	2.41	21.85	8.45E-08	1.35E-04	0.54	8.57E-03	4.59E-03	0.02
265	Future Industrial 7	680816.2	4860219.3	6.43E+01	2.70E-02		38.11	4.78	65.05	1104.25	23.89	30.37	93.71	7.55	2.87	26.02	8.96E-08	1.41E-04	0.54	8.80E-03	4.63E-03	0.02
266	Future Industrial 8	680398.0	4860731.8	1.15E+02	4.82E-02		52.85	8.57	65.43	1155.21	42.85	33.08	96.42	10.26	5.14	46.66	1.15E-07	1.71E-04	0.56	9.95E-03	4.81E-03	0.02
267	Future Industrial 1	680359.6	4859959.2	7.29E+01	3.05E-02		40.61	5.42	65.11	1112.92	27.12	29.31	92.65	6.49	3.25	29.53	9.39E-08	1.46E-04	0.54	9.00E-03	4.66E-03	0.02
268	Future Industrial 2	680083.7	4859985.7	8.11E+01	3.40E-02		42.99	6.03	65.18	1121.13	30.17	29.17	92.51	6.35	3.6							

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted Concentration	Maximum Predicted Bromoform Concentration	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals			
		(m)	(m)	(ug/m3)	(ug/m3)														Contaminant Total Emission Rate (g/s) From Both Stacks	Aluminum	Antimony	Arsenic
							4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63	5.73	7.02E-09	8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04
283	Residence	680683.5	4861597.9	3.78E+01	1.58E-02		30.45	2.81	64.85	1077.78	14.05	30.45	93.79	7.63	1.69	15.30	7.65E-08	1.25E-04	0.53	8.20E-03	4.54E-03	0.02
284	Business	680064.3	4861343.7	6.28E+01	2.63E-02		37.69	4.67	65.04	1102.81	23.36	29.14	92.48	6.32	2.80	25.43	8.89E-08	1.40E-04	0.54	8.77E-03	4.63E-03	0.02
285	Farmer	679680.1	4861213.5	6.41E+01	2.69E-02		38.07	4.77	65.05	1104.15	23.86	29.28	92.62	6.46	2.86	25.98	8.96E-08	1.41E-04	0.54	8.80E-03	4.63E-03	0.02
286	Farmer	681344.8	4861792.9	4.26E+01	1.79E-02		31.83	3.17	64.89	1082.57	15.83	27.53	90.87	4.71	1.90	17.24	7.89E-08	1.28E-04	0.53	8.31E-03	4.56E-03	0.02
287	Youth Centre	685644.2	4864814.8	1.23E+01	5.15E-03		23.07	0.91	64.66	1052.28	4.57	25.46	88.80	2.64	0.55	4.97	6.39E-08	1.10E-04	0.52	7.62E-03	4.45E-03	0.02
288	Bowmanville Arena	685462.9	4864615.2	1.42E+01	5.95E-03		23.62	1.05	64.68	1054.17	5.27	25.40	88.74	2.58	0.63	5.74	6.48E-08	1.11E-04	0.52	7.67E-03	4.46E-03	0.02
289	Bowmanville Rec Complex	684160.3	4864604.5	1.55E+01	6.51E-03		24.02	1.16	64.69	1055.55	5.78	25.94	89.28	3.12	0.69	6.30	6.55E-08	1.12E-04	0.52	7.70E-03	4.46E-03	0.02
290	Recreation Complex	684586.6	4862406.3	1.81E+01	7.57E-03		24.75	1.34	64.71	1058.07	6.72	25.20	88.54	2.38	0.81	7.32	6.67E-08	1.13E-04	0.52	7.75E-03	4.47E-03	0.02
291	Superdog Central	681487.7	4865723.3	1.11E+01	4.66E-03		22.73	0.83	64.66	1051.11	4.13	26.13	89.47	3.31	0.50	4.50	6.33E-08	1.09E-04	0.52	7.60E-03	4.45E-03	0.02
292	Equestrian Centre	681567.1	4863670.7	3.51E+01	1.47E-02		29.67	2.61	64.83	1075.10	13.05	27.99	91.33	5.17	1.57	14.22	7.52E-08	1.23E-04	0.53	8.14E-03	4.53E-03	0.02
293	Flea Market	678574.6	4862819.4	2.63E+01	1.10E-02		27.14	1.96	64.77	1066.34	9.80	27.75	91.09	4.93	1.18	10.67	7.08E-08	1.18E-04	0.53	7.94E-03	4.50E-03	0.02
294	Equestrian Centre	680030.8	4867320.2	9.51E+00	3.99E-03		22.27	0.71	64.64	1049.51	3.54	25.39	88.73	2.57	0.42	3.85	6.25E-08	1.08E-04	0.52	7.56E-03	4.44E-03	0.02
295	Courtice Community Complex	678099.3	4864629.8	1.36E+01	5.68E-03		23.44	1.01	64.67	1053.56	5.04	28.62	91.96	5.80	0.61	5.49	6.45E-08	1.10E-04	0.52	7.65E-03	4.45E-03	0.02
296	Former Restaurant	679830.2	4860702.2	5.13E+01	2.15E-02		34.37	3.82	64.95	1091.34	19.09	28.83	92.17	6.01	2.29	20.79	8.32E-08	1.33E-04	0.53	8.51E-03	4.59E-03	0.02
297	Commercial	679364.8	4861016.0	5.25E+01	2.20E-02		34.71	3.91	64.96	1092.52	19.53	28.72	92.06	5.90	2.34	21.27	8.38E-08	1.34E-04	0.53	8.54E-03	4.59E-03	0.02
298	GM Oshawa Headquarters	676418.3	4860463.7	2.83E+01	1.19E-02		27.71	2.11	64.78	1068.31	10.53	28.45	91.79	5.63	1.26	11.46	7.18E-08	1.19E-04	0.53	7.99E-03	4.51E-03	0.02
299	Farm A?	682972.3	4862201.9	2.98E+01	1.25E-02		28.14	2.22	64.79	1069.79	11.08	26.59	89.93	3.77	1.33	12.07	7.26E-08	1.20E-04	0.53	8.02E-03	4.51E-03	0.02
300	Farm B?	683546.9	4861959.7	2.41E+01	1.01E-02		26.50	1.79	64.75	1064.11	8.97	26.18	89.52	3.36	1.08	9.76	6.97E-08	1.17E-04	0.53	7.89E-03	4.49E-03	0.02
301	Farm C?	682547.5	4862321.1	2.81E+01	1.18E-02		27.65	2.09	64.78	1068.11	10.45	25.90	89.24	3.08	1.25	11.38	7.17E-08	1.19E-04	0.53	7.98E-03	4.51E-03	0.02
302	Farm D?	683238.3	4862393.3	2.89E+01	1.21E-02		27.88	2.15	64.79	1068.91	10.75	26.35	89.69	3.53	1.29	11.71	7.21E-08	1.20E-04	0.53	8.00E-03	4.51E-03	0.02
303	Farm E?	682512.6	4862858.0	3.70E+01	1.55E-02		30.21	2.75	64.85	1076.95	13.74	26.07	89.41	3.25	1.65	14.96	7.61E-08	1.24E-04	0.53	8.18E-03	4.54E-03	0.02
304	Farm F?	683129.1	4863649.4	2.47E+01	1.03E-02		26.66	1.84	64.76	1064.68	9.18	27.36	90.70	4.54	1.10	9.99	7.00E-08	1.17E-04	0.53	7.90E-03	4.49E-03	0.02
305	Bennett 1	688209.3	4862512.1	1.00E+01	4.20E-03		22.42	0.75	64.65	1050.02	3.73	25.26	88.60	2.44	0.45	4.06	6.27E-08	1.08E-04	0.52	7.57E-03	4.44E-03	0.02
306	Bennett 2	687990.0	4863221.3	9.41E+00	3.94E-03		22.24	0.70	64.64	1049.41	3.50	25.51	88.85	2.69	0.42	3.81	6.24E-08	1.08E-04	0.52	7.56E-03	4.44E-03	0.02
307	Bennett 3	688818.4	4862836.3	7.94E+00	3.33E-03		21.82	0.59	64.63	1047.94	2.95	25.19	88.53	2.37	0.35	3.21	6.17E-08	1.07E-04	0.52	7.53E-03	4.43E-03	0.02
308	Bennett 4	689045.1	4863365.5	9.18E+00	3.85E-03		22.18	0.68	64.64	1049.18	3.41	25.20	88.54	2.38	0.41	3.72	6.23E-08	1.08E-04	0.52	7.55E-03	4.44E-03	0.02
309	Bennett 5	688270.5	4863763.1	8.99E+00	3.77E-03		22.12	0.67	64.64	1048.99	3.34	26.16	89.50	3.34	0.40	3.64	6.22E-08	1.08E-04	0.52	7.55E-03	4.44E-03	0.02
310	Bennett 6	689908.5	4863100.5	6.81E+00	2.85E-03		21.49	0.51	64.62	1046.81	2.53	25.34	88.68	2.52	0.30	2.76	6.12E-08	1.06E-04	0.52	7.50E-03	4.43E-03	0.02
311	Bennett 7	688929.9	4864392.0	1.33E+01	5.58E-03		23.37	0.99	64.67	1053.31	4.95	26.25	89.59	3.43	0.59	5.39	6.44E-08	1.10E-04	0.52	7.65E-03	4.45E-03	0.02
312	Bennett 8	689684.2	4863837.7	7.76E+00	3.25E-03		21.76	0.58	64.63	1047.76	2.88	25.15	88.49	2.33	0.35	3.14	6.16E-08	1.07E-04	0.52	7.52E-03	4.43E-03	0.02
313	Soper 1	687557.9	4862512.4	1.11E+01	4.64E-03		22.73	0.82	64.65	1051.08	4.12	25.23	88.57	2.41	0.49	4.49	6.33E-08	1.09E-04	0.52	7.60E-03	4.45E-03	0.02
314	Soper 2	687241.9	4863171.7	1.30E+01	5.47E-03		23.29	0.97	64.67	1053.04	4.85	26.00	89.34	3.18	0.58	5.28	6.42E-08	1.10E-04	0.52	7.64E-03	4.45E-03	0.02
315	Soper 3	687023.2	4863903.8	1.10E+01	4.61E-03		22.71	0.82	64.65	1051.01	4.09	25.57	88.91	2.75	0.49	4.46	6.32E-08	1.09E-04	0.52	7.60E-03	4.45E-03	0.02
316	Soper 4	688158.2	4865389.3	1.08E+01	4.51E-03		22.64	0.80	64.65	1050.77	4.01	25.73	89.07	2.91	0.48	4.36	6.31E-08	1.09E-04	0.52	7.59E-03	4.44E-03	0.02
317	Soper 5	685027.3	4868253.9	8.43E+00	3.53E-03		21.96	0.63	64.64	1048.43	3.14	24.87	88.21	2.05	0.38	3.42	6.20E-08	1.07E-04	0.52	7.54E-03	4.44E-03	0.02
318	Soper 6	687287.4	4867037.3	9.69E+00	4.06E-03		22.32	0.72	64.64	1049.69	3.60	25.40	88.74	2.58	0.43	3.92	6.26E-08	1.08E-04	0.52	7.57E-03	4.44E-03	0.02
319	Soper 7	685683.2	4867148.1	1.58E+01	6.62E-03		24.09	1.17	64.69	1055.80	5.87	25.31	88.65	2.49	0.70	6.40	6.56E-08	1.12E-04	0.52	7.70E-03	4.46E-03	0.02
320	Soper 8	686748.7	4865874.7	8.10E+00	3.39E-03		21.86	0.60	64.63	1048.10	3.01	25.62	88.96	2.80	0.36	3.28	6.18E-08	1.07E-04	0.52	7.53E-03	4.44E-03	0.02
321	Bowmanville 1	687026.3	4862368.4	1.21E+01	5.09E-03		23.03	0.90	64.66	1052.13	4.51	25.13	88.47	2.31	0.54	4.91	6.38E-08	1.10E-04	0.52	7.62E-03	4.45E-03	0.02
322	Bowmanville 2	686625.7	4863020.3	1.79E+01	7.49E-03		24.69	1.33	64.71	1057.87	6.64	25.71	89.05	2.89	0.80	7.24	6.66E-08	1.13E-04	0.52	7.75E-03	4.47E-03	0.02
323	Bowmanville 3	683380.3	4865365.9	1.87E+01	7.83E-03		24.93	1.39	64.71	1058.70	6.95	25.26	88.60	2.44	0.83	7.57	6.71E-08	1.13E-04	0.52	7.77E-03	4.47E-03	0.02
324	Bowmanville 4	683111.4	4867150.3	1.19E+01	4.97E-03		22.95	0.88	64.66	1051.85	4.41	25.05	88.39	2.23	0.53	4.80	6.37E-08	1.09E-04	0.52	7.61E-03	4.45E-03	0.02
325	Bowmanville 5	682452.2	4869417.5	8.23E+00	3.45E-03		21.90	0.61	64.63	1048.23	3.06	24.67	88.01	1.85	0.37	3.33	6.19E-08	1.07E-04	0.52	7.53E-03	4.44E-03	0.02
326	Bowman																					



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium
		(m)	(m)	(ug/m3)	(ug/m3)															Contaminant Total Emission Rate (g/s) From Both Stacks	4.09	1.05	0.11
340	F/B 1	677443.1	4867862.1	1.17E+01	4.89E-03		22.90	0.87	64.66	1051.69	4.35	27.05	90.39	4.23	0.52	4.74	6.36E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02
341	F/B 2	679667.4	4866611.4	1.25E+01	5.25E-03		23.15	0.93	64.67	1052.54	4.66	25.54	88.88	2.72	0.56	5.08	6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02
342	F/B 3	678655.0	4867470.1	8.90E+00	3.73E-03		22.09	0.66	64.64	1048.90	3.31	26.71	90.05	3.89	0.40	3.60	6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02
343	F/B 4	676191.2	4866844.7	9.01E+00	3.78E-03		22.13	0.67	64.64	1049.01	3.35	27.18	90.52	4.36	0.40	3.65	6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02
344	F/B 5	678273.3	4866093.0	1.61E+01	6.76E-03		24.18	1.20	64.69	1056.11	5.99	27.56	90.90	4.74	0.72	6.53	6.58E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02
345	F/B 6	681241.2	4867098.8	1.14E+01	4.79E-03		22.83	0.85	64.66	1051.44	4.25	25.21	88.55	2.39	0.51	4.63	6.35E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02
346	F/B 7	682165.3	4868082.3	9.00E+00	3.77E-03		22.12	0.67	64.64	1049.00	3.35	24.76	88.10	1.94	0.40	3.64	6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02
347	F/B 8	679366.6	4868628.3	1.06E+01	4.46E-03		22.60	0.79	64.65	1050.64	3.96	26.03	89.37	3.21	0.47	4.31	6.31E-08	1.09E-04		0.52	7.59E-03	4.44E-03	0.02
348	F/B 9	680310.1	4869967.1	8.03E+00	3.37E-03		21.84	0.60	64.63	1048.03	2.99	25.49	88.83	2.67	0.36	3.25	6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02
349	F/B 10	676487.3	4869291.6	8.02E+00	3.36E-03		21.84	0.60	64.63	1048.02	2.98	26.07	89.41	3.25	0.36	3.25	6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02
350	F/B 11	676851.4	4865409.3	1.15E+01	4.80E-03		22.83	0.85	64.66	1051.45	4.26	28.96	92.30	6.14	0.51	4.64	6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02
351	F/B 12	681153.3	4868682.2	8.32E+00	3.48E-03		21.93	0.62	64.63	1048.32	3.09	24.92	88.26	2.10	0.37	3.37	6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02
352	F/B 13	675416.3	4859833.9	1.34E+01	5.61E-03		23.39	1.00	64.67	1053.39	4.98	25.95	89.29	3.13	0.60	5.42	6.44E-08	1.10E-04		0.52	7.65E-03	4.45E-03	0.02
353	Second 1	675153.4	4860552.8	2.49E+01	1.04E-02		26.72	1.85	64.76	1064.90	9.26	29.40	92.74	6.58	1.11	10.08	7.01E-08	1.17E-04		0.53	7.91E-03	4.49E-03	0.02
354	Second 2	675297.5	4860891.3	2.47E+01	1.03E-02		26.65	1.83	64.76	1064.66	9.17	29.37	92.71	6.55	1.10	9.99	7.00E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02
355	Second 3	675647.2	4860644.9	2.90E+01	1.22E-02		27.92	2.16	64.79	1069.04	10.80	29.76	93.10	6.94	1.30	11.76	7.22E-08	1.20E-04		0.53	8.00E-03	4.51E-03	0.02
356	Second 4	675670.5	4860076.5	1.72E+01	7.22E-03		24.51	1.28	64.70	1057.24	6.41	26.84	90.18	4.02	0.77	6.98	6.63E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02
357	Second 5	676043.3	4860319.1	2.51E+01	1.05E-02		26.80	1.87	64.76	1065.15	9.35	28.28	91.62	5.46	1.12	10.18	7.03E-08	1.17E-04		0.53	7.92E-03	4.49E-03	0.02
358	Second 6	675923.4	4859821.4	1.62E+01	6.80E-03		24.21	1.21	64.69	1056.22	6.03	25.89	89.23	3.07	0.72	6.57	6.58E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02
359	McLaughlin Bay 1	676714.7	4860903.8	2.48E+01	1.04E-02		26.69	1.84	64.76	1064.78	9.22	27.37	90.71	4.55	1.11	10.04	7.01E-08	1.17E-04		0.53	7.91E-03	4.49E-03	0.02
360	McLaughlin Bay 2	677310.8	4860528.2	3.03E+01	1.27E-02		28.27	2.25	64.80	1070.25	11.25	27.59	90.93	4.77	1.35	12.25	7.28E-08	1.20E-04		0.53	8.03E-03	4.51E-03	0.02
361	McLaughlin Bay 3	676563.5	4860260.1	2.16E+01	9.03E-03		25.75	1.60	64.73	1061.55	8.01	26.98	90.32	4.16	0.96	8.73	6.85E-08	1.15E-04		0.52	7.83E-03	4.48E-03	0.02
362	McLaughlin Bay 4	676699.5	4859696.6	3.11E+01	1.31E-02		28.53	2.32	64.80	1071.15	11.58	25.60	88.94	2.78	1.39	12.61	7.32E-08	1.21E-04		0.53	8.05E-03	4.52E-03	0.02
363	McLaughlin Bay 5	677560.0	4860060.1	2.05E+01	8.61E-03		25.46	1.53	64.73	1060.54	7.64	27.31	90.65	4.49	0.92	8.32	6.80E-08	1.15E-04		0.52	7.81E-03	4.48E-03	0.02
364	McLaughlin Bay 6	678204.5	4859832.5	4.12E+01	1.73E-02		31.45	3.07	64.88	1081.23	15.33	28.25	91.59	5.43	1.84	16.70	7.82E-08	1.27E-04		0.53	8.28E-03	4.55E-03	0.02
365	Harmony Creek 1	674178.3	4861024.2	1.51E+01	6.32E-03		23.89	1.12	64.68	1055.09	5.61	27.91	91.25	5.09	0.67	6.11	6.53E-08	1.11E-04		0.52	7.69E-03	4.46E-03	0.02
366	Harmony Creek 2	674592.0	4862605.3	2.45E+01	1.03E-02		26.61	1.82	64.75	1064.52	9.12	25.62	88.96	2.80	1.09	9.93	6.99E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02
367	Harmony Creek 3	672863.4	4862808.0	9.87E+00	4.14E-03		22.38	0.73	64.65	1049.87	3.67	25.50	88.84	2.68	0.44	4.00	6.27E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02
368	Harmony Creek 4	675671.6	4864469.0	1.36E+01	5.69E-03		23.45	1.01	64.67	1053.58	5.05	26.12	89.46	3.30	0.61	5.50	6.45E-08	1.10E-04		0.52	7.65E-03	4.45E-03	0.02
369	Harmony Creek 5	672443.1	4864713.0	1.41E+01	5.92E-03		23.61	1.05	64.68	1054.13	5.25	25.19	88.53	2.37	0.63	5.72	6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02
370	Harmony Creek 6	674830.5	4866909.6	1.19E+01	4.98E-03		22.96	0.88	64.66	1051.89	4.42	25.52	88.86	2.70	0.53	4.82	6.37E-08	1.09E-04		0.52	7.62E-03	4.45E-03	0.02
371	Harmony Creek 7	675799.9	4868594.1	1.01E+01	4.24E-03		22.45	0.75	64.65	1050.12	3.76	26.01	89.35	3.19	0.45	4.10	6.28E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02
372	Westside 1	686082.6	4862776.6	2.03E+01	8.51E-03		25.40	1.51	64.72	1060.32	7.56	25.31	88.65	2.49	0.91	8.23	6.79E-08	1.14E-04		0.52	7.81E-03	4.48E-03	0.02
373	Westside 2	685778.7	4862137.9	1.82E+01	7.62E-03		24.78	1.35	64.71	1058.18	6.76	25.11	88.45	2.29	0.81	7.36	6.68E-08	1.13E-04		0.52	7.76E-03	4.47E-03	0.02
374	Westside 3	685084.2	4862827.4	1.60E+01	6.71E-03		24.15	1.19	64.69	1056.01	5.95	25.10	88.44	2.28	0.71	6.48	6.57E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02
375	Darlington 1	680977.5	4865674.4	1.62E+01	6.77E-03		24.19	1.20	64.69	1056.15	6.01	26.25	89.59	3.43	0.72	6.54	6.58E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02
376	Darlington 2	680913.9	4863967.1	2.46E+01	1.03E-02		26.64	1.83	64.76	1064.60	9.15	28.35	91.69	5.53	1.10	9.96	7.00E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02
377	Darlington 3	682602.8	4863659.6	2.83E+01	1.19E-02		27.70	2.10	64.78	1068.28	10.52	27.88	91.22	5.06	1.26	11.45	7.18E-08	1.19E-04		0.53	7.99E-03	4.51E-03	0.02
378	Darlington 4	682206.4	4862910.4	2.83E+01	1.19E-02		27.71	2.11	64.78	1068.30	10.53	26.30	89.64	3.48	1.26	11.46	7.18E-08	1.19E-04		0.53	7.99E-03	4.51E-03	0.02
379	Darlington 5	683223.2	4861114.0	2.12E+01	8.90E-03		25.67	1.58	64.73	1061.24	7.90	25.54	88.88	2.72	0.95	8.60	6.83E-08	1.15E-04		0.52	7.83E-03	4.48E-03	0.02
380	Darlington 6	683947.7	4862362.0	1.70E+01	7.13E-03		24.45	1.27	64.70	1057.03	6.33	25.61	88.95	2.79	0.76	6.89	6.62E-08	1.12E-04		0.52	7.73E-03	4.47E-03	0.02
381	Darlington 7	685361.9	4861143.4	1.97E+01	8.24E-03		25.21	1.46	64.72	1059.66	7.31	24.72	88.06	1.90	0.88	7.96	6.75E-08	1.14E-04		0.52	7.79E-03	4.48E-03	0.02
382	Bennett ECO/HH	688606.4	4862634.8	1.05E+01	4.41E-03		22.56	0.78	64.65	1050.51	3.91	25.22	88.56	2.40	0.47	4.26	6.30E-08	1.09E-04		0.52	7.58E-03	4.44E-03	0.02
383	Oshawa ECO/HH	673884.9	4859128.9	1.73E+01	7.23E-03		24.51	1.28	64.70	1057.25	6.42	25.21	88.55	2.39	0.77	6.99	6.63E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02
384	Oshawa Creek 1	671671.2	4862793.7	8.55E+00	3.58E-03		21.99	0.64	64.64	1048.55	3.18	25.53	88.87	2.71	0.38	3.46	6.20E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02
385	Oshawa Creek 2	671668.5	4861589.5	8.72E+00	3.66E-03		22.04	0.65	64.64	1048.72	3.24	25.16	88.50	2.34	0.39	3.53	6.21E-08	1.08E-04		0.52	7.54E-03	4.44E-03	0.02
386	Oshawa Creek 3	672820.2	4861287.2	9.63E+00	4.03E-03		22.30	0.72	64.64	1049.63	3.58	25.48	88.82	2.66	0.43	3.90							



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E (m)	UTM N (m)	Maximum Predicted NOx Concentration (ug/m3)	Maximum Predicted Bromoform Concentration (ug/m3)	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
						3.90E-05	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
						7.35E-04	0.19	1.47E-03			6.72E-03	1.47E-03	0.01		0.01	0.18	8.33E-04	7.35E-03		7.35E-03	3.77E-03	0.10	0.05		0.03		0.11
1	Campground 10	678526.8	4859996.8	4.89E+01	2.05E-02	8.70E-04	0.25	4.30E-03	0.02	1.29E-04	7.62E-03	3.81E-03	0.03	6.06E-03	0.05	0.19	2.19E-03	7.54E-03	0.02	0.01	4.24E-03	0.18	0.23		0.03	2.08E-05	0.11
2	ECO 2	675490.4	4860360.1	2.54E+01	1.07E-02	8.05E-04	0.22	2.94E-03	9.67E-03	6.73E-05	7.19E-03	2.69E-03	0.02	3.15E-03	0.03	0.18	1.54E-03	7.45E-03	8.20E-03	0.01	4.02E-03	0.15	0.14		0.03	1.08E-05	0.11
3	Recreational 5	681642.0	4860349.3	5.65E+01	2.36E-02	8.91E-04	0.26	4.74E-03	0.02	1.49E-04	7.77E-03	4.17E-03	0.04	7.00E-03	0.05	0.20	2.40E-03	7.57E-03	0.02	0.02	4.32E-03	0.20	0.26		0.03	2.40E-05	0.11
4	ECO 4	676831.5	4859840.9	2.28E+01	9.57E-03	7.98E-04	0.21	2.79E-03	8.68E-03	6.04E-05	7.14E-03	2.56E-03	0.02	2.83E-03	0.03	0.18	1.46E-03	7.44E-03	7.36E-03	0.01	3.99E-03	0.14	0.13		0.03	9.72E-06	0.11
5	Bow. Valley Cons. 3	685767.2	4863879.0	1.39E+01	5.84E-03	7.74E-04	0.20	2.28E-03	5.29E-03	3.68E-05	6.97E-03	2.14E-03	0.02	1.73E-03	0.02	0.18	1.22E-03	7.40E-03	4.49E-03	9.37E-03	3.91E-03	0.13	0.10		0.03	5.93E-06	0.11
6	ECO 6	679647.8	4859989.3	4.91E+01	2.06E-02	8.71E-04	0.25	4.31E-03	0.02	1.30E-04	7.63E-03	3.82E-03	0.03	6.09E-03	0.05	0.19	2.19E-03	7.54E-03	0.02	0.01	4.24E-03	0.18	0.23		0.03	2.09E-05	0.11
7	ECO 7	681578.8	4862070.1	3.90E+01	1.63E-02	8.43E-04	0.23	3.73E-03	0.01	1.03E-04	7.44E-03	3.34E-03	0.03	4.84E-03	0.04	0.19	1.91E-03	7.50E-03	0.01	0.01	4.15E-03	0.17	0.20		0.03	1.66E-05	0.11
8	ECO 8	679735.5	4861048.6	8.62E+01	3.61E-02	9.73E-04	0.29	6.46E-03	0.03	2.28E-04	8.32E-03	5.60E-03	0.05	0.01	0.07	0.21	3.22E-03	7.69E-03	0.03	0.02	4.60E-03	0.25	0.37		0.03	3.67E-05	0.11
9	ECO 9	687219.7	4864249.3	1.15E+01	4.80E-03	7.67E-04	0.20	2.13E-03	4.36E-03	3.03E-05	6.93E-03	2.02E-03	0.02	1.42E-03	0.02	0.18	1.15E-03	7.39E-03	3.69E-03	9.01E-03	3.88E-03	0.12	0.09		0.03	4.88E-06	0.11
10	ECO 10	686519.0	4861987.6	1.45E+01	6.09E-03	7.75E-04	0.20	2.31E-03	5.52E-03	3.84E-05	6.99E-03	2.17E-03	0.02	1.80E-03	0.02	0.18	1.23E-03	7.40E-03	4.68E-03	9.46E-03	3.91E-03	0.13	0.10		0.03	6.18E-06	0.11
11	ECO 11	679870.4	4859737.9	3.91E+01	1.64E-02	8.43E-04	0.23	3.74E-03	0.01	1.04E-04	7.44E-03	3.35E-03	0.03	4.85E-03	0.04	0.19	1.92E-03	7.50E-03	0.01	0.01	4.15E-03	0.17	0.20		0.03	1.67E-05	0.11
12	Recreational 4	681575.5	4860557.7	5.78E+01	2.41E-02	8.94E-04	0.26	4.81E-03	0.02	1.53E-04	7.79E-03	4.24E-03	0.04	7.16E-03	0.05	0.20	2.43E-03	7.57E-03	0.02	0.02	4.33E-03	0.20	0.27		0.03	2.46E-05	0.11
13	Future Industrial 9	680704.5	4859857.8	9.72E+01	4.07E-02	1.00E-03	0.31	7.09E-03	0.04	2.57E-04	8.52E-03	6.12E-03	0.05	0.01	0.08	0.21	3.52E-03	7.73E-03	0.03	0.02	4.71E-03	0.26	0.42		0.03	4.14E-05	0.11
14	Future Industrial 10	680608.0	4860719.6	1.15E+02	4.81E-02	1.05E-03	0.33	8.10E-03	0.04	3.03E-04	8.85E-03	6.96E-03	0.06	0.01	0.09	0.22	4.01E-03	7.80E-03	0.04	0.02	4.87E-03	0.29	0.48		0.03	4.88E-05	0.11
15	Harmony Creek	673992.4	4865641.4	7.55E+00	3.16E-03	7.56E-04	0.19	1.91E-03	2.87E-03	2.00E-05	6.86E-03	1.83E-03	0.02	9.35E-04	0.02	0.18	1.04E-03	7.38E-03	2.43E-03	8.44E-03	3.85E-03	0.12	0.08		0.03	3.21E-06	0.11
16	Farewell Creek	678079.2	4868822.7	8.78E+00	3.68E-03	7.60E-04	0.20	1.98E-03	3.34E-03	2.32E-05	6.88E-03	1.89E-03	0.02	1.09E-03	0.02	0.18	1.08E-03	7.38E-03	2.83E-03	8.62E-03	3.86E-03	0.12	0.08		0.03	3.74E-06	0.11
17	Farmer	681378.6	4860335.0	5.87E+01	2.46E-02	8.97E-04	0.26	4.87E-03	0.02	1.55E-04	7.81E-03	4.28E-03	0.04	7.28E-03	0.05	0.20	2.46E-03	7.58E-03	0.02	0.02	4.34E-03	0.20	0.27		0.03	2.50E-05	0.11
18	Watson Farm	682883.4	4864219.7	2.09E+01	8.75E-03	7.93E-04	0.21	2.68E-03	7.94E-03	5.52E-05	7.10E-03	2.47E-03	0.02	2.59E-03	0.03	0.18	1.41E-03	7.43E-03	6.73E-03	0.01	3.97E-03	0.14	0.13		0.03	8.89E-06	0.11
19	Racanski Farm	678929.2	4865530.2	1.25E+01	5.26E-03	7.70E-04	0.20	2.20E-03	4.77E-03	3.32E-05	6.95E-03	2.07E-03	0.02	1.56E-03	0.02	0.18	1.18E-03	7.40E-03	4.04E-03	9.17E-03	3.89E-03	0.12	0.09		0.03	5.34E-06	0.11
20	Zoo	687216.8	4864835.3	1.11E+01	4.66E-03	7.66E-04	0.20	2.11E-03	4.22E-03	2.94E-05	6.92E-03	2.00E-03	0.02	1.38E-03	0.02	0.18	1.14E-03	7.39E-03	3.58E-03	8.96E-03	3.88E-03	0.12	0.09		0.03	4.73E-06	0.11
21	Cedar Crest Beach	686652.1	4861660.9	2.03E+01	8.49E-03	7.91E-04	0.21	2.64E-03	7.71E-03	5.36E-05	7.09E-03	2.44E-03	0.02	2.51E-03	0.03	0.18	1.39E-03	7.43E-03	6.53E-03	0.01	3.97E-03	0.14	0.12		0.03	8.63E-06	0.11
22	Darlington Prov Park Beach	677844.6	4859718.2	2.89E+01	1.21E-02	8.15E-04	0.22	3.14E-03	0.01	7.63E-05	7.25E-03	2.85E-03	0.02	3.58E-03	0.03	0.19	1.63E-03	7.46E-03	9.30E-03	0.01	4.05E-03	0.15	0.16		0.03	1.23E-05	0.11
23	OPG 1	682258.1	4860045.0	3.41E+01	1.43E-02	8.29E-04	0.23	3.45E-03	0.01	9.03E-05	7.35E-03	3.10E-03	0.03	4.23E-03	0.04	0.19	1.78E-03	7.48E-03	0.01	0.01	4.10E-03	0.16	0.18		0.03	1.45E-05	0.11
24	OPG 2	682551.4	4859889.1	3.19E+01	1.34E-02	8.23E-04	0.23	3.32E-03	0.01	8.45E-05	7.31E-03	3.00E-03	0.03	3.96E-03	0.03	0.19	1.72E-03	7.47E-03	0.01	0.01	4.08E-03	0.16	0.17		0.03	1.36E-05	0.11
25	OPG 3	682824.6	4859759.3	2.82E+01	1.18E-02	8.13E-04	0.22	3.10E-03	0.01	7.46E-05	7.24E-03	2.82E-03	0.02	3.50E-03	0.03	0.19	1.61E-03	7.46E-03	9.09E-03	0.01	4.04E-03	0.15	0.15		0.03	1.20E-05	0.11
26	OPG 4	683021.6	4859937.3	2.76E+01	1.16E-02	8.12E-04	0.22	3.07E-03	0.01	7.31E-05	7.23E-03	2.79E-03	0.02	3.43E-03	0.03	0.19	1.60E-03	7.46E-03	8.91E-03	0.01	4.04E-03	0.15	0.15		0.03	1.18E-05	0.11
27	OPG 5	683318.2	4859677.8	2.26E+01	9.48E-03	7.98E-04	0.21	2.78E-03	8.60E-03	5.98E-05	7.14E-03	2.55E-03	0.02	2.81E-03	0.03	0.18	1.46E-03	7.44E-03	7.29E-03	0.01	3.99E-03	0.14	0.13		0.03	9.63E-06	0.11
28	OPG 6	683306.9	4860023.0	3.42E+01	1.43E-02	8.29E-04	0.23	3.45E-03	0.01	9.03E-05	7.35E-03	3.11E-03	0.03	4.23E-03	0.04	0.19	1.78E-03	7.48E-03	0.01	0.01	4.10E-03	0.16	0.18		0.03	1.45E-05	0.11
29	OPG 7	683718.6	4859915.8	2.35E+01	9.85E-03	8.00E-04	0.21	2.83E-03	8.93E-03	6.21E-05	7.15E-03	2.60E-03	0.02	2.91E-03	0.03	0.18	1.48E-03	7.44E-03	7.57E-03	0.01	4.00E-03	0.14	0.14		0.03	1.00E-05	0.11
30	OPG 8	682702.0	4859998.6	2.66E+01	1.12E-02	8.09E-04	0.22	3.01E-03	0.01	7.04E-05	7.21E-03	2.75E-03	0.02	3.30E-03	0.03	0.19	1.57E-03	7.45E-03	8.58E-03	0.01	4.03E-03	0.15	0.15		0.03	1.13E-05	0.11
31	OPG 9	684347.7	4861184.6	2.04E+01	8.55E-03	7.92E-04	0.21	2.65E-03	7.76E-03	5.40E-05	7.10E-03	2.45E-03	0.02	2.53E-03	0.03	0.18	1.40E-03	7.43E-03	6.58E-03	0.01	3.97E-03	0.14	0.12		0.03	8.68E-06	0.11
32	OPG 10	682157.2	4861228.2	5.01E+01	2.10E-02	8.73E-04	0.25	4.37E-03	0.02	1.32E-04	7.65E-03	3.87E-03	0.03	6.21E-03	0.05	0.19	2.22E-03	7.54E-03	9.05E-03	0.01	4.25E-03	0.19	0.24		0.03	2.13E-05	0.11
33	St. Mary's 1	684557.0	4861070.0	2.77E+01	1.16E-02	8.12E-04	0.22	3.08E-03	0.01	7.34E-05	7.23E-03	2.80E-03	0.02	3.44E-03	0.03	0.19	1.60E-03	7.46E-03	8.94E-03	0.01	4.04E-03	0.15	0.15		0.03	1.18E-05	0.11
34	St. Mary's 2	684657.3	4861320.8	1.84E+01	7.72E-03	7.86E-04	0.21	2.54E-																			

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted Nox Concentration	Maximum Predicted Bromoform Concentration	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	(ug/m3)	(ug/m3)	3.90E-05	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
55	Bow. Subdivision 10	685266.0	4863243.1	1.78E+01	7.45E-03	7.84E-04	0.21	2.50E-03	6.75E-03	4.70E-05	7.05E-03	2.32E-03	0.02	2.20E-03	0.04	0.18	1.32E-03	7.42E-03	5.72E-03	9.93E-03	3.94E-03	0.13	0.11	0.03	7.56E-06	0.11	
56	Osh/Court Subdivision 1	677396.8	4860977.3	3.96E+01	1.66E-02	8.45E-04	0.24	3.76E-03	0.02	1.05E-04	7.45E-03	3.37E-03	0.03	4.91E-03	0.04	0.19	1.93E-03	7.50E-03	0.01	0.01	4.15E-03	0.17	0.20	0.03	1.69E-05	0.11	
57	Osh/Court Subdivision 2	676633.5	4860816.8	2.72E+01	1.14E-02	8.10E-04	0.22	3.04E-03	0.01	7.19E-05	7.22E-03	2.77E-03	0.02	3.37E-03	0.03	0.19	1.59E-03	7.45E-03	8.77E-03	0.01	4.03E-03	0.15	0.15	0.03	1.16E-05	0.11	
58	Osh/Court Subdivision 3	676916.0	4861925.0	2.26E+01	9.49E-03	7.98E-04	0.21	2.78E-03	8.61E-03	5.99E-05	7.14E-03	2.56E-03	0.02	2.81E-03	0.03	0.18	1.46E-03	7.44E-03	7.30E-03	0.01	3.99E-03	0.14	0.13	0.03	9.64E-06	0.11	
59	Osh/Court Subdivision 4	676730.5	4861317.1	2.23E+01	9.36E-03	7.97E-04	0.21	2.76E-03	8.49E-03	5.90E-05	7.13E-03	2.54E-03	0.02	2.77E-03	0.03	0.18	1.45E-03	7.43E-03	7.20E-03	0.01	3.99E-03	0.14	0.13	0.03	9.50E-06	0.11	
60	Osh/Court Subdivision 5	676087.2	4861392.3	2.52E+01	1.06E-02	8.05E-04	0.22	2.93E-03	9.60E-03	6.68E-05	7.19E-03	2.68E-03	0.02	3.13E-03	0.03	0.18	1.53E-03	7.45E-03	8.14E-03	0.01	4.02E-03	0.14	0.14	0.03	1.07E-05	0.11	
61	Osh/Court Subdivision 6	676177.1	4861722.2	2.57E+01	1.08E-02	8.06E-04	0.22	2.96E-03	9.77E-03	6.80E-05	7.19E-03	2.70E-03	0.02	3.19E-03	0.03	0.18	1.54E-03	7.45E-03	8.28E-03	0.01	4.02E-03	0.15	0.14	0.03	1.09E-05	0.11	
62	Osh/Court Subdivision 7	675670.7	4861783.2	2.41E+01	1.01E-02	8.02E-04	0.22	2.86E-03	9.15E-03	6.36E-05	7.16E-03	2.62E-03	0.02	2.98E-03	0.03	0.18	1.50E-03	7.44E-03	7.75E-03	0.01	4.00E-03	0.14	0.14	0.03	1.02E-05	0.11	
63	Osh/Court Subdivision 8	676050.8	4862055.7	2.74E+01	1.15E-02	8.11E-04	0.22	3.06E-03	0.01	7.24E-05	7.23E-03	2.78E-03	0.02	3.40E-03	0.03	0.19	1.59E-03	7.45E-03	8.83E-03	0.01	4.04E-03	0.15	0.15	0.03	1.17E-05	0.11	
64	Osh/Court Subdivision 9	676636.9	4862134.3	2.36E+01	9.87E-03	8.00E-04	0.21	2.84E-03	8.97E-03	6.24E-05	7.15E-03	2.60E-03	0.02	2.92E-03	0.03	0.18	1.49E-03	7.44E-03	7.60E-03	0.01	4.00E-03	0.14	0.14	0.03	1.00E-05	0.11	
65	Osh/Court Subdivision 10	676571.3	4861634.8	2.13E+01	8.93E-03	7.94E-04	0.21	2.70E-03	8.10E-03	5.64E-05	7.11E-03	2.49E-03	0.02	2.64E-03	0.03	0.18	1.42E-03	7.43E-03	6.87E-03	0.01	3.98E-03	0.14	0.13	0.03	9.07E-06	0.11	
66	Bow. Subdivision 11	684649.2	4863182.7	1.75E+01	7.35E-03	7.84E-04	0.21	2.48E-03	6.66E-03	4.63E-05	7.04E-03	2.31E-03	0.02	2.17E-03	0.02	0.18	1.32E-03	7.42E-03	5.65E-03	9.89E-03	3.94E-03	0.13	0.11	0.03	7.46E-06	0.11	
67	Daycare B	685172.4	4863933.1	1.18E+01	4.93E-03	7.68E-04	0.20	2.15E-03	4.47E-03	3.11E-05	6.93E-03	2.03E-03	0.02	1.46E-03	0.02	0.18	1.16E-03	7.39E-03	3.79E-03	9.06E-03	3.89E-03	0.12	0.09	0.03	5.00E-06	0.11	
68	Daycare C	685452.0	4863104.4	1.77E+01	7.43E-03	7.84E-04	0.21	2.50E-03	6.74E-03	4.69E-05	7.05E-03	2.32E-03	0.02	2.20E-03	0.02	0.18	1.32E-03	7.42E-03	5.71E-03	9.92E-03	3.94E-03	0.13	0.11	0.03	7.54E-06	0.11	
69	Daycare D	685527.7	4864693.3	1.34E+01	5.61E-03	7.72E-04	0.20	2.24E-03	5.08E-03	3.53E-05	6.96E-03	2.11E-03	0.02	1.66E-03	0.02	0.18	1.20E-03	7.40E-03	4.31E-03	9.29E-03	3.90E-03	0.13	0.10	0.03	5.69E-06	0.11	
70	Daycare E	685735.4	4864790.8	1.13E+01	4.75E-03	7.67E-04	0.20	2.13E-03	4.31E-03	3.00E-05	6.93E-03	2.01E-03	0.02	1.41E-03	0.02	0.18	1.15E-03	7.39E-03	3.65E-03	8.99E-03	3.88E-03	0.12	0.09	0.03	4.82E-06	0.11	
71	Daycare F	685520.3	4864854.3	1.38E+01	5.80E-03	7.73E-04	0.20	2.27E-03	5.25E-03	3.65E-05	6.97E-03	2.13E-03	0.02	1.71E-03	0.02	0.18	1.22E-03	7.40E-03	4.45E-03	9.35E-03	3.91E-03	0.13	0.10	0.03	5.88E-06	0.11	
72	Daycare G	685441.9	4864878.0	1.43E+01	6.00E-03	7.75E-04	0.20	2.30E-03	5.44E-03	3.78E-05	6.98E-03	2.16E-03	0.02	1.77E-03	0.02	0.18	1.23E-03	7.40E-03	4.61E-03	9.43E-03	3.91E-03	0.13	0.10	0.03	6.09E-06	0.11	
73	Daycare H	686364.8	4864707.8	1.18E+01	4.95E-03	7.68E-04	0.20	2.15E-03	4.49E-03	3.13E-05	6.94E-03	2.04E-03	0.02	1.46E-03	0.02	0.18	1.16E-03	7.39E-03	3.81E-03	9.06E-03	3.89E-03	0.12	0.09	0.03	5.03E-06	0.11	
74	Daycare I	685721.6	4865127.3	1.07E+01	4.51E-03	7.65E-04	0.20	2.09E-03	4.09E-03	2.84E-05	6.92E-03	1.99E-03	0.02	1.33E-03	0.02	0.18	1.13E-03	7.39E-03	3.46E-03	8.91E-03	3.88E-03	0.12	0.09	0.03	4.57E-06	0.11	
75	Daycare J	678256.3	4863565.4	6.04E+01	2.53E-02	9.02E-04	0.26	4.97E-03	0.02	1.60E-04	7.84E-03	4.36E-03	0.04	7.49E-03	0.05	0.20	2.51E-03	7.59E-03	0.02	0.02	4.35E-03	0.20	0.28	0.03	2.57E-05	0.11	
76	Daycare K	677694.1	4864043.7	2.10E+01	8.79E-03	7.93E-04	0.21	2.68E-03	7.97E-03	5.54E-05	7.11E-03	2.47E-03	0.02	2.60E-03	0.03	0.18	1.41E-03	7.43E-03	6.76E-03	0.01	3.97E-03	0.14	0.13	0.03	8.92E-06	0.11	
77	Daycare L	676479.5	4862526.2	3.12E+01	1.31E-02	8.21E-04	0.22	3.27E-03	0.01	8.25E-05	7.30E-03	2.96E-03	0.03	3.87E-03	0.03	0.19	1.70E-03	7.47E-03	0.01	0.01	4.07E-03	0.15	0.17	0.03	1.33E-05	0.11	
78	Daycare M	678320.9	4864763.5	1.64E+01	6.88E-03	7.81E-04	0.21	2.42E-03	6.24E-03	4.34E-05	7.02E-03	2.26E-03	0.02	2.03E-03	0.02	0.18	1.29E-03	7.41E-03	5.29E-03	9.73E-03	3.93E-03	0.13	0.11	0.03	6.98E-06	0.11	
79	Daycare N	678513.4	4865058.0	1.37E+01	5.72E-03	7.73E-04	0.20	2.26E-03	5.19E-03	3.61E-05	6.97E-03	2.12E-03	0.02	1.69E-03	0.02	0.18	1.21E-03	7.40E-03	4.40E-03	9.33E-03	3.90E-03	0.13	0.10	0.03	5.81E-06	0.11	
80	Daycare O	672788.7	4863936.6	1.40E+01	5.85E-03	7.74E-04	0.20	2.28E-03	5.31E-03	3.70E-05	6.98E-03	2.14E-03	0.02	1.73E-03	0.02	0.18	1.22E-03	7.40E-03	4.50E-03	9.38E-03	3.91E-03	0.13	0.10	0.03	5.95E-06	0.11	
81	Daycare P	673952.8	4863592.5	2.04E+01	8.54E-03	7.92E-04	0.21	2.65E-03	7.74E-03	5.39E-05	7.09E-03	2.45E-03	0.02	2.52E-03	0.03	0.18	1.40E-03	7.43E-03	6.56E-03	0.01	3.97E-03	0.14	0.12	0.03	8.67E-06	0.11	
82	Daycare Q	671751.8	4864887.7	1.38E+01	5.78E-03	7.73E-04	0.20	2.27E-03	5.24E-03	3.64E-05	6.97E-03	2.13E-03	0.02	1.71E-03	0.02	0.18	1.21E-03	7.40E-03	4.44E-03	9.35E-03	3.91E-03	0.13	0.10	0.03	5.86E-06	0.11	
83	Daycare R	685714.4	4864667.4	1.23E+01	5.15E-03	7.69E-04	0.20	2.18E-03	4.67E-03	3.25E-05	6.94E-03	2.06E-03	0.02	1.52E-03	0.02	0.18	1.17E-03	7.39E-03	3.96E-03	9.13E-03	3.89E-03	0.12	0.09	0.03	5.23E-06	0.11	
84	Daycare S	684177.9	4863618.2	2.07E+01	8.66E-03	7.92E-04	0.21	2.67E-03	7.86E-03	5.46E-05	7.10E-03	2.46E-03	0.02	2.56E-03	0.03	0.18	1.40E-03	7.43E-03	6.66E-03	0.01	3.97E-03	0.14	0.13	0.03	8.79E-06	0.11	
85	Daycare T	678423.6	4864480.4	1.92E+01	8.03E-03	7.88E-04	0.21	2.58E-03	7.29E-03	5.07E-05	7.07E-03	2.39E-03	0.02	2.38E-03	0.02	0.18	1.36E-03	7.42E-03	6.18E-03	0.01	3.96E-03	0.13	0.12	0.03	8.16E-06	0.11	
86	Daycare U	685330.5	4863435.1	1.95E+01	8.16E-03	7.89E-04	0.21	2.60E-03	7.41E-03	5.15E-05	7.08E-03	2.40E-03	0.02	2.42E-03	0.02	0.18	1.37E-03	7.42E-03	6.28E-03	0.01	3.96E-03	0.14	0.12	0.03	8.29E-06	0.11	
87	Daycare V	685153.2	4863236.9	2.06E+01	8.65E-03	7.92E-04	0.21	2.66E-03	7.84E-03	5.45E-05	7.10E-03	2.46E-03	0.02	2.56E-03	0.03	0.18	1.40E-03	7.43E-03	6.65E-03	0.01	3.97E-03	0.14	0.13	0.03	8.78E-06	0.11	
88	Daycare W	672679.0	4862044.9	1.06E+01	4.46E-03	7.65E-04	0.20	2.09E-03	4.04E-03	2.81E-05	6.91E-03	1.98E-03	0.02	1.32E-03	0.02	0.18	1.13E-03	7.39E-03	3.43E-03	8.89E-03	3.87E-03	0.12	0.09	0.03	4.52E-06	0.11	
89	Daycare X	672076.5	4865285.8	1.08E+01	4.54E-03	7.65E-04	0.20	2.10E-03	4.12E-03	2.87E-05	6.92E-03	1.99E-03	0.02	1.34E-03	0.02	0.18	1.13E-03	7.39E-03	3.49E-03	8.92E-03	3.88E-03	0.12	0.09	0.03	4.61E-06	0.11	
90	Daycare Y	672638.0	4859664.4	7.99E+00	3.35E-03	7.57E-04	0.20	1.93E-03	3.04E-03	2.11E-05	6.86E-03	1.85E-03	0.02	9.90E-04	0.02	0.18	1.05E-03	7.38E-03	2.58E-03	8.51E-03	3.85E-03	0.12	0.08	0.03	3.40E-06	0.11	
91	Daycare Z	673735.9	4858958.0	1.30E+01	5.46E-03	7.71E-04	0.20	2.22E-03	4.95E-03	3.44E-05	6.96E-03	2.09E-03	0.02	1.61E-03	0.02	0.18	1.19E-03	7.40E-03	4.20E-03	9.24E-03	3.90E-03	0.12	0.10	0.03	5.54E-06	0.11	
92	Daycare AA	673121.8	4863385.9	1.70E+01	7.12E-03																						

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	(ug/m3)	(ug/m3)	3.90E-05	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
112	Hospital	671712.7	4862364.1	8.17E+00	3.42E-03	7.58E-04	0.20	1.94E-03	3.10E-03	2.16E-05	6.87E-03	1.86E-03	0.02	1.01E-03	0.02	0.18	1.06E-03	7.38E-03	2.63E-03	8.53E-03	3.85E-03	0.12	0.08	0.03	3.48E-06	0.11	
113	Retirement Residence A	684199.9	4864120.3	2.19E+01	9.18E-03	7.96E-04	0.21	2.74E-03	8.34E-03	5.80E-05	7.12E-03	2.52E-03	0.02	2.72E-03	0.03	0.18	1.44E-03	7.43E-03	7.07E-03	0.01	3.98E-03	0.14	0.13	0.03	9.34E-06	0.11	
114	Retirement Residence B	685483.9	4865150.9	1.22E+01	5.11E-03	7.69E-04	0.20	2.18E-03	4.63E-03	3.22E-05	6.94E-03	2.05E-03	0.02	1.51E-03	0.02	0.18	1.17E-03	7.39E-03	3.93E-03	9.12E-03	3.89E-03	0.12	0.09	0.03	5.18E-06	0.11	
115	Retirement Residence C	686844.0	4864732.1	1.23E+01	5.17E-03	7.69E-04	0.20	2.18E-03	4.69E-03	3.26E-05	6.94E-03	2.06E-03	0.02	1.53E-03	0.02	0.18	1.17E-03	7.39E-03	3.97E-03	9.14E-03	3.89E-03	0.12	0.09	0.03	5.25E-06	0.11	
116	Retirement Residence D	673481.7	4863343.4	1.76E+01	7.38E-03	7.84E-04	0.21	2.49E-03	6.69E-03	4.65E-05	7.04E-03	2.31E-03	0.02	2.18E-03	0.02	0.18	1.32E-03	7.42E-03	5.67E-03	9.90E-03	3.94E-03	0.13	0.11	0.03	7.49E-06	0.11	
117	Retirement Residence E	671825.2	4864399.0	1.37E+01	5.72E-03	7.73E-04	0.20	2.26E-03	5.19E-03	3.61E-05	6.97E-03	2.12E-03	0.02	1.69E-03	0.02	0.18	1.21E-03	7.40E-03	4.40E-03	9.33E-03	3.90E-03	0.13	0.10	0.03	5.81E-06	0.11	
118	Retirement Residence F	671606.3	4864536.0	1.36E+01	5.70E-03	7.73E-04	0.20	2.26E-03	5.17E-03	3.60E-05	6.97E-03	2.12E-03	0.02	1.69E-03	0.02	0.18	1.21E-03	7.40E-03	4.38E-03	9.32E-03	3.90E-03	0.13	0.10	0.03	5.79E-06	0.11	
119	Retirement Residence G	671357.1	4862958.7	8.76E+00	3.67E-03	7.60E-04	0.20	1.98E-03	3.33E-03	2.32E-05	6.88E-03	1.89E-03	0.02	1.09E-03	0.02	0.18	1.08E-03	7.38E-03	2.82E-03	8.62E-03	3.86E-03	0.12	0.08	0.03	3.73E-06	0.11	
120	Retirement Residence H	671514.0	4862262.9	7.78E+00	3.26E-03	7.57E-04	0.19	1.92E-03	2.96E-03	2.06E-05	6.86E-03	1.84E-03	0.02	9.64E-04	0.02	0.18	1.05E-03	7.38E-03	2.51E-03	8.48E-03	3.85E-03	0.12	0.08	0.03	3.31E-06	0.11	
121	Retirement Residence I	672602.2	4863075.9	1.11E+01	4.65E-03	7.66E-04	0.20	2.11E-03	4.22E-03	2.93E-05	6.92E-03	2.00E-03	0.02	1.38E-03	0.02	0.18	1.14E-03	7.39E-03	3.58E-03	8.96E-03	3.88E-03	0.12	0.09	0.03	4.72E-06	0.11	
122	Retirement Residence J	671719.1	4862893.1	8.88E+00	3.72E-03	7.60E-04	0.20	1.98E-03	3.38E-03	2.35E-05	6.88E-03	1.90E-03	0.02	1.10E-03	0.02	0.18	1.08E-03	7.38E-03	2.86E-03	8.64E-03	3.86E-03	0.12	0.08	0.03	3.78E-06	0.11	
123	Retirement Residence K	686718.0	4865648.7	8.71E+00	3.65E-03	7.59E-04	0.20	1.97E-03	3.31E-03	2.30E-05	6.88E-03	1.89E-03	0.02	1.08E-03	0.02	0.18	1.07E-03	7.38E-03	2.81E-03	8.61E-03	3.86E-03	0.12	0.08	0.03	3.71E-06	0.11	
124	Retirement Residence L	676168.7	4865669.9	1.48E+01	6.19E-03	7.76E-04	0.20	2.33E-03	5.62E-03	3.91E-05	6.99E-03	2.18E-03	0.02	1.83E-03	0.02	0.18	1.24E-03	7.40E-03	4.76E-03	9.49E-03	3.91E-03	0.13	0.10	0.03	6.29E-06	0.11	
125	Retirement Residence M	676118.5	4863980.7	1.88E+01	7.89E-03	7.87E-04	0.21	2.56E-03	7.16E-03	4.98E-05	7.07E-03	2.37E-03	0.02	2.33E-03	0.02	0.18	1.35E-03	7.42E-03	6.07E-03	0.01	3.95E-03	0.13	0.12	0.03	8.01E-06	0.11	
126	Bow. Subdivision 12	684649.2	4863182.7	1.75E+01	7.35E-03	7.84E-04	0.21	2.48E-03	6.66E-03	4.63E-05	7.04E-03	2.31E-03	0.02	2.17E-03	0.02	0.18	1.32E-03	7.42E-03	5.65E-03	9.89E-03	3.94E-03	0.13	0.11	0.03	7.46E-06	0.11	
127	Primary School B	685384.8	4863575.3	1.80E+01	7.54E-03	7.85E-04	0.21	2.51E-03	6.84E-03	4.76E-05	7.05E-03	2.33E-03	0.02	2.23E-03	0.02	0.18	1.33E-03	7.42E-03	5.80E-03	9.96E-03	3.95E-03	0.13	0.12	0.03	7.66E-06	0.11	
128	Primary School C	685021.6	4863952.9	1.44E+01	6.03E-03	7.75E-04	0.20	2.30E-03	5.47E-03	3.80E-05	6.98E-03	2.16E-03	0.02	1.78E-03	0.02	0.18	1.23E-03	7.40E-03	4.64E-03	9.44E-03	3.91E-03	0.13	0.10	0.03	6.12E-06	0.11	
129	Primary School D	686237.0	4864085.5	1.44E+01	6.04E-03	7.75E-04	0.20	2.30E-03	5.48E-03	3.81E-05	6.98E-03	2.16E-03	0.02	1.79E-03	0.02	0.18	1.23E-03	7.40E-03	4.65E-03	9.44E-03	3.91E-03	0.13	0.10	0.03	6.14E-06	0.11	
130	Primary School E	686719.0	4863734.7	1.14E+01	4.79E-03	7.67E-04	0.20	2.13E-03	4.35E-03	3.03E-05	6.93E-03	2.02E-03	0.02	1.42E-03	0.02	0.18	1.15E-03	7.39E-03	3.69E-03	9.01E-03	3.88E-03	0.12	0.09	0.03	4.87E-06	0.11	
131	Primary School F	686357.0	4864754.9	1.16E+01	4.84E-03	7.67E-04	0.20	2.14E-03	4.39E-03	3.06E-05	6.93E-03	2.02E-03	0.02	1.43E-03	0.02	0.18	1.15E-03	7.39E-03	3.72E-03	9.03E-03	3.88E-03	0.12	0.09	0.03	4.92E-06	0.11	
132	Primary School G	685502.0	4865013.4	1.27E+01	5.33E-03	7.70E-04	0.20	2.21E-03	4.83E-03	3.36E-05	6.95E-03	2.08E-03	0.02	1.57E-03	0.02	0.18	1.18E-03	7.40E-03	4.09E-03	9.19E-03	3.89E-03	0.12	0.10	0.03	5.40E-06	0.11	
133	Primary School H	686726.7	4866061.5	8.32E+00	3.49E-03	7.58E-04	0.20	1.95E-03	3.16E-03	2.20E-05	6.87E-03	1.87E-03	0.02	1.03E-03	0.02	0.18	1.06E-03	7.38E-03	2.68E-03	8.56E-03	3.85E-03	0.12	0.08	0.03	3.54E-06	0.11	
134	Primary School I	685186.2	4866568.2	2.37E+01	9.92E-03	8.01E-04	0.22	2.84E-03	9.00E-03	6.26E-05	7.16E-03	2.60E-03	0.02	2.93E-03	0.03	0.18	1.49E-03	7.44E-03	7.63E-03	0.01	4.00E-03	0.14	0.14	0.03	1.01E-05	0.11	
135	Primary School J	685965.3	4866979.0	1.09E+01	4.57E-03	7.65E-04	0.20	2.10E-03	4.14E-03	2.88E-05	6.92E-03	1.99E-03	0.02	1.35E-03	0.02	0.18	1.13E-03	7.39E-03	3.51E-03	8.93E-03	3.88E-03	0.12	0.09	0.03	4.64E-06	0.11	
136	Primary School K	677709.9	4864726.5	1.66E+01	6.95E-03	7.81E-04	0.21	2.43E-03	6.31E-03	4.39E-05	7.02E-03	2.27E-03	0.02	2.06E-03	0.02	0.18	1.29E-03	7.41E-03	5.35E-03	9.76E-03	3.93E-03	0.13	0.11	0.03	7.06E-06	0.11	
137	Primary School L	675988.3	4864270.2	1.63E+01	6.85E-03	7.80E-04	0.21	2.42E-03	6.21E-03	4.32E-05	7.02E-03	2.25E-03	0.02	2.02E-03	0.02	0.18	1.28E-03	7.41E-03	5.26E-03	9.72E-03	3.93E-03	0.13	0.11	0.03	6.95E-06	0.11	
138	Primary School M	676608.7	4862739.0	2.10E+01	8.82E-03	7.93E-04	0.21	2.69E-03	8.00E-03	5.57E-05	7.11E-03	2.48E-03	0.02	2.61E-03	0.03	0.18	1.42E-03	7.43E-03	6.78E-03	0.01	3.97E-03	0.14	0.13	0.03	8.96E-06	0.11	
139	Primary School N	677222.2	4863759.1	2.45E+01	1.03E-02	8.03E-04	0.22	2.89E-03	9.33E-03	6.49E-05	7.17E-03	2.65E-03	0.02	3.04E-03	0.03	0.18	1.51E-03	7.44E-03	7.91E-03	0.01	4.01E-03	0.14	0.14	0.03	1.04E-05	0.11	
140	Primary School O	678154.9	4863872.7	3.63E+01	1.52E-02	8.35E-04	0.23	3.57E-03	0.01	9.61E-05	7.39E-03	3.21E-03	0.03	4.50E-03	0.04	0.19	1.84E-03	7.49E-03	0.01	0.01	4.12E-03	0.16	0.18	0.03	1.55E-05	0.11	
141	Court. Subdivision 12	678309.6	4863600.8	5.57E+01	2.33E-02	8.89E-04	0.26	4.69E-03	0.02	1.47E-04	7.75E-03	4.14E-03	0.04	6.90E-03	0.05	0.20	2.37E-03	7.57E-03	0.02	0.02	4.31E-03	0.20	0.26	0.03	2.37E-05	0.11	
142	Primary School Q	677010.6	4862470.6	2.42E+01	1.02E-02	8.02E-04	0.22	2.87E-03	9.21E-03	6.41E-05	7.17E-03	2.63E-03	0.02	3.00E-03	0.03	0.18	1.50E-03	7.44E-03	7.81E-03	0.01	4.01E-03	0.14	0.14	0.03	1.03E-05	0.11	
143	Primary School R	677431.3	4866694.7	1.04E+01	4.37E-03	7.64E-04	0.20	2.07E-03	3.96E-03	2.76E-05	6.91E-03	1.97E-03	0.02	1.29E-03	0.02	0.18	1.12E-03	7.39E-03	3.36E-03	8.86E-03	3.87E-03	0.12	0.09	0.03	4.44E-06	0.11	
144	Primary School S	675266.2	4863562.9	2.17E+01	9.09E-03	7.95E-04	0.21	2.72E-03	8.24E-03	5.73E-05	7.12E-03	2.51E-03	0.02	2.69E-03	0.03	0.18	1.43E-03	7.43E-03	6.99E-03	0.01	3.98E-03	0.14	0.13	0.03	9.23E-06	0.11	
145	Primary School T	673479.2	4860029.4	9.97E+00	4.18E-03	7.63E-04	0.20	2.05E-03	3.79E-03	2.64E-05	6.90E-03	1.95E-03	0.02	1.24E-03	0.02	0.18	1.11E-03	7.39E-03	3.21E-03	8.80E-03	3.87E-03	0.12	0.08	0.03	4.24E-06	0.11	
146	Primary School U	670856.0	4860710.6	5.58E+00	2.34E-03	7.51E-04	0.19	1.79E-03	2.12E-03	1.48E-05	6.82E-03	1.74E-03	0.01	6.92E-04	0.01	0.18	9.87E-04	7.37E-03	1.80E-03	8.16E-03	3.83E-03	0.11	0.07	0.03	2.38E-06	0.11	
147	Primary School V	672660.2	4863909.2	1.30E+01	5.45E-03	7.71E-04	0.20	2.22E-03	4.95E-03	3.44E-05	6.96E-03	2.09E-03	0.02	1.61E-03	0.02	0.18	1.19E-03	7.40E-03	4.19E-03	9.24E-03	3.90E-03	0.12	0.10	0.03	5.54E-06	0.11	
148	Primary School W	672735.2	4859232.9	1.04E+01	4.37E-03	7.64E-04	0.20	2.07E-03	3.96E-03	2.76E-05	6.91E-03	1.97E-03	0.02	1.29E-03	0.02	0.18	1.12E-03	7.39E-03	3.36E-03	8.86E-03	3.87E-03	0.12	0.09	0.03	4.44E-06	0.11	
149</																											



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted Nox Concentration	Maximum Predicted Bromoform Concentration	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	(ug/m3)	(ug/m3)	3.90E-05	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
169	Primary School RR	671351.4	4863284.0	8.38E+00	3.51E-03	7.59E-04	0.20	1.96E-03	3.19E-03	2.22E-05	6.87E-03	1.87E-03	0.02	1.04E-03	0.02	0.18	1.06E-03	7.38E-03	2.70E-03	8.56E-03	3.85E-03	0.13	0.08	0.03	3.57E-06	0.11	
170	Primary School SS	673213.9	4862125.5	1.69E+01	7.10E-03	7.82E-04	0.21	2.45E-03	6.44E-03	4.48E-05	7.03E-03	2.28E-03	0.02	2.10E-03	0.02	0.18	1.30E-03	7.41E-03	5.46E-03	9.81E-03	3.94E-03	0.13	0.11	0.03	7.21E-06	0.11	
171	Primary School TT	671017.9	4860953.7	5.67E+00	2.37E-03	7.51E-04	0.19	1.80E-03	2.16E-03	1.50E-05	6.82E-03	1.74E-03	0.01	7.03E-04	0.02	0.18	9.90E-04	7.37E-03	1.83E-03	8.17E-03	3.83E-03	0.11	0.07	0.03	2.41E-06	0.11	
172	Primary School UU	670991.0	4861089.8	5.54E+00	2.32E-03	7.51E-04	0.19	1.79E-03	2.11E-03	1.47E-05	6.82E-03	1.74E-03	0.01	6.87E-04	0.01	0.18	9.86E-04	7.37E-03	1.79E-03	8.15E-03	3.83E-03	0.11	0.07	0.03	2.36E-06	0.11	
173	Primary School VV	674150.1	4862294.8	1.95E+01	8.17E-03	7.89E-04	0.21	2.60E-03	7.41E-03	5.16E-05	7.08E-03	2.40E-03	0.02	2.42E-03	0.02	0.18	1.37E-03	7.42E-03	6.28E-03	0.01	3.96E-03	0.14	0.12	0.03	8.30E-06	0.11	
174	Primary School WW	672005.2	4861707.9	8.88E+00	3.72E-03	7.60E-04	0.20	1.98E-03	3.38E-03	2.35E-05	6.88E-03	1.90E-03	0.02	1.10E-03	0.02	0.18	1.08E-03	7.38E-03	2.86E-03	8.64E-03	3.86E-03	0.12	0.08	0.03	3.78E-06	0.11	
175	Primary School XX	684172.1	4863615.6	2.08E+01	8.73E-03	7.93E-04	0.21	2.68E-03	7.92E-03	5.51E-05	7.10E-03	2.47E-03	0.02	2.58E-03	0.03	0.18	1.41E-03	7.43E-03	6.71E-03	0.01	3.97E-03	0.14	0.13	0.03	8.87E-06	0.11	
176	Primary School YY	683923.3	4866636.4	1.31E+01	5.48E-03	7.71E-04	0.20	2.23E-03	4.97E-03	3.46E-05	6.96E-03	2.10E-03	0.02	1.62E-03	0.02	0.18	1.19E-03	7.40E-03	4.21E-03	9.25E-03	3.90E-03	0.12	0.10	0.03	5.57E-06	0.11	
177	Primary School ZZ	680446.0	4865770.5	1.29E+01	5.39E-03	7.71E-04	0.20	2.22E-03	4.89E-03	3.40E-05	6.96E-03	2.09E-03	0.02	1.60E-03	0.02	0.18	1.19E-03	7.40E-03	4.15E-03	9.22E-03	3.90E-03	0.12	0.10	0.03	5.48E-06	0.11	
178	Vacant School	685612.9	4864520.0	1.24E+01	5.20E-03	7.70E-04	0.20	2.19E-03	4.72E-03	3.28E-05	6.95E-03	2.06E-03	0.02	1.54E-03	0.02	0.18	1.18E-03	7.39E-03	4.00E-03	9.15E-03	3.89E-03	0.12	0.09	0.03	5.28E-06	0.11	
179	Secondary School A	686291.4	4865064.3	1.14E+01	4.78E-03	7.67E-04	0.20	2.13E-03	4.34E-03	3.02E-05	6.93E-03	2.02E-03	0.02	1.41E-03	0.02	0.18	1.15E-03	7.39E-03	3.68E-03	9.00E-03	3.88E-03	0.12	0.09	0.03	4.85E-06	0.11	
180	Secondary School B	683875.0	4864741.7	1.69E+01	7.07E-03	7.82E-04	0.21	2.45E-03	6.41E-03	4.46E-05	7.03E-03	2.28E-03	0.02	2.09E-03	0.02	0.18	1.30E-03	7.41E-03	5.44E-03	9.80E-03	3.93E-03	0.13	0.11	0.03	7.18E-06	0.11	
181	Secondary School C	684650.3	4866460.3	1.23E+01	5.16E-03	7.69E-04	0.20	2.18E-03	4.68E-03	3.26E-05	6.94E-03	2.06E-03	0.02	1.53E-03	0.02	0.18	1.17E-03	7.39E-03	3.97E-03	9.14E-03	3.89E-03	0.12	0.09	0.03	5.24E-06	0.11	
182	Secondary School D	678099.5	4864838.2	1.45E+01	6.09E-03	7.75E-04	0.20	2.31E-03	5.53E-03	3.84E-05	6.99E-03	2.17E-03	0.02	1.80E-03	0.02	0.18	1.24E-03	7.40E-03	4.68E-03	9.46E-03	3.91E-03	0.13	0.10	0.03	6.19E-06	0.11	
183	Secondary School E	678467.0	4863431.2	3.66E+01	1.53E-02	8.36E-04	0.23	3.59E-03	0.01	9.67E-05	7.40E-03	3.22E-03	0.03	4.53E-03	0.04	0.19	1.85E-03	7.49E-03	0.01	0.01	4.12E-03	0.16	0.19	0.03	1.56E-05	0.11	
184	Secondary School F	674144.9	4862762.7	2.07E+01	8.69E-03	7.93E-04	0.21	2.67E-03	7.88E-03	5.48E-05	7.10E-03	2.46E-03	0.02	2.57E-03	0.03	0.18	1.41E-03	7.43E-03	6.68E-03	0.01	3.97E-03	0.14	0.13	0.03	8.82E-06	0.11	
185	Secondary School G	673816.0	4864357.1	1.25E+01	5.23E-03	7.70E-04	0.20	2.19E-03	4.74E-03	3.30E-05	6.95E-03	2.07E-03	0.02	1.55E-03	0.02	0.18	1.18E-03	7.40E-03	4.02E-03	9.16E-03	3.89E-03	0.12	0.09	0.03	5.31E-06	0.11	
186	Secondary School H	673145.4	4858569.0	8.90E+00	3.73E-03	7.60E-04	0.20	1.99E-03	3.38E-03	2.35E-05	6.88E-03	1.90E-03	0.02	1.10E-03	0.02	0.18	1.08E-03	7.38E-03	2.87E-03	8.64E-03	3.86E-03	0.12	0.08	0.03	3.79E-06	0.11	
187	Secondary School I	671291.7	4863581.3	1.01E+01	4.24E-03	7.63E-04	0.20	2.06E-03	3.84E-03	2.67E-05	6.90E-03	1.95E-03	0.02	1.25E-03	0.02	0.18	1.11E-03	7.39E-03	3.26E-03	8.82E-03	3.87E-03	0.12	0.09	0.03	4.30E-06	0.11	
188	Secondary School J	671443.2	4861664.9	9.04E+00	3.79E-03	7.60E-04	0.20	1.99E-03	3.44E-03	2.39E-05	6.88E-03	1.90E-03	0.02	1.12E-03	0.02	0.18	1.08E-03	7.38E-03	2.91E-03	8.66E-03	3.86E-03	0.12	0.08	0.03	3.85E-06	0.11	
189	Secondary School K	673235.3	4860885.0	1.05E+01	4.41E-03	7.64E-04	0.20	2.08E-03	4.00E-03	2.78E-05	6.91E-03	1.97E-03	0.02	1.30E-03	0.02	0.18	1.12E-03	7.39E-03	3.39E-03	8.87E-03	3.87E-03	0.12	0.09	0.03	4.47E-06	0.11	
190	Secondary School L	684252.7	4866500.5	1.49E+01	6.25E-03	7.77E-04	0.20	2.33E-03	5.67E-03	3.94E-05	6.99E-03	2.19E-03	0.02	1.85E-03	0.02	0.18	1.25E-03	7.40E-03	4.81E-03	9.51E-03	3.92E-03	0.13	0.10	0.03	6.35E-06	0.11	
191	Secondary School M	673914.1	4859551.7	1.43E+01	5.97E-03	7.75E-04	0.20	2.30E-03	5.42E-03	3.77E-05	6.98E-03	2.15E-03	0.02	1.77E-03	0.02	0.18	1.23E-03	7.40E-03	4.59E-03	9.42E-03	3.91E-03	0.13	0.10	0.03	6.07E-06	0.11	
192	Secondary School N	675051.5	4864177.2	1.19E+01	4.98E-03	7.68E-04	0.20	2.16E-03	4.52E-03	3.14E-05	6.94E-03	2.04E-03	0.02	1.47E-03	0.02	0.18	1.16E-03	7.39E-03	3.83E-03	9.07E-03	3.89E-03	0.12	0.09	0.03	5.06E-06	0.11	
193	Adult School	685276.1	4866019.8	1.31E+01	5.48E-03	7.71E-04	0.20	2.23E-03	4.97E-03	3.46E-05	6.96E-03	2.10E-03	0.02	1.62E-03	0.02	0.18	1.19E-03	7.40E-03	4.21E-03	9.25E-03	3.90E-03	0.12	0.10	0.03	5.57E-06	0.11	
194	Bow. Valley Cons. 1	685356.6	4864521.2	1.52E+01	6.37E-03	7.77E-04	0.20	2.35E-03	5.78E-03	4.02E-05	7.00E-03	2.20E-03	0.02	1.88E-03	0.02	0.18	1.25E-03	7.41E-03	4.90E-03	9.55E-03	3.92E-03	0.13	0.10	0.03	6.47E-06	0.11	
195	Bow. Valley Cons. 2	685627.7	4864167.8	1.15E+01	4.80E-03	7.67E-04	0.20	2.13E-03	4.36E-03	3.03E-05	6.93E-03	2.02E-03	0.02	1.42E-03	0.02	0.18	1.15E-03	7.39E-03	3.70E-03	9.01E-03	3.88E-03	0.12	0.09	0.03	4.88E-06	0.11	
196	Bow. Valley Cons. 4	685852.7	4863640.2	1.54E+01	6.45E-03	7.78E-04	0.20	2.36E-03	5.85E-03	4.07E-05	7.00E-03	2.21E-03	0.02	1.91E-03	0.02	0.18	1.26E-03	7.41E-03	4.96E-03	9.58E-03	3.92E-03	0.13	0.11	0.03	6.55E-06	0.11	
197	Bow. Valley Cons. 5	686163.1	4863621.5	1.30E+01	5.44E-03	7.71E-04	0.20	2.22E-03	4.93E-03	3.43E-05	6.96E-03	2.09E-03	0.02	1.61E-03	0.02	0.18	1.19E-03	7.40E-03	4.18E-03	9.23E-03	3.90E-03	0.12	0.10	0.03	5.52E-06	0.11	
198	Bow. Valley Cons. 6	685931.9	4863380.6	1.38E+01	5.77E-03	7.73E-04	0.20	2.27E-03	5.23E-03	3.64E-05	6.97E-03	2.13E-03	0.02	1.71E-03	0.02	0.18	1.21E-03	7.40E-03	4.44E-03	9.35E-03	3.90E-03	0.13	0.10	0.03	5.86E-06	0.11	
199	Maple Grove 1	681688.5	4864717.0	2.47E+01	1.03E-02	8.03E-04	0.22	2.90E-03	9.37E-03	6.52E-05	7.17E-03	2.65E-03	0.03	3.06E-03	0.03	0.18	1.52E-03	7.44E-03	7.95E-03	0.01	4.01E-03	0.14	0.14	0.03	1.05E-05	0.11	
200	Maple Grove 2	681768.9	4864631.8	2.44E+01	1.02E-02	8.02E-04	0.22	2.88E-03	9.26E-03	6.44E-05	7.17E-03	2.64E-03	0.02	3.02E-03	0.03	0.18	1.51E-03	7.44E-03	7.85E-03	0.01	4.01E-03	0.14	0.14	0.03	1.04E-05	0.11	
201	Maple Grove 3	681894.9	4864506.8	2.34E+01	9.81E-03	8.00E-04	0.21	2.83E-03	8.90E-03	6.19E-05	7.15E-03	2.59E-03	0.02	2.90E-03	0.03	0.18	1.48E-03	7.44E-03	7.55E-03	0.01	4.00E-03	0.14	0.14	0.03	9.96E-06	0.11	
202	Maple Grove 4	681974.8	4864443.2	2.57E+01	1.08E-02	8.06E-04	0.22	2.96E-03	9.78E-03	6.81E-05	7.19E-03	2.70E-03	0.02	3.19E-03	0.03	0.18	1.55E-03	7.45E-03	8.30E-03	0.01	4.02E-03	0.15	0.14	0.03	1.10E-05	0.11	
203	Maple Grove 5	681942.2	4864676.7	1.97E+01	8.27E-03	7.90E-04	0.21	2.61E-03	7.50E-03	5.22E-05	7.08E-03	2.42E-03	0.02	2.45E-03	0.03	0.18	1.38E-03	7.42E-03	6.36E-03	0.01	3.96E-03	0.14	0.12	0.03	8.40E-06	0.11	
204	Maple Grove 6	682053.2	4864586.2	2.28E+01	9.58E-03	7.98E-04	0.21	2.79E-03	8.68E-03	6.04E-05	7.14E-03	2.56E-03	0.02	2.83E-03	0.03	0.18	1.46E-03	7.44E-03	7.36E-03	0.01	3.99E-03	0.14	0.13	0.03	9.71E-06	0.11	
205	Maple Grove 7	682168.5	4864631.3	1.91E+01	8.04E-03	7.88E-04	0.21	2.58E-03	7.28E-03	5.06E-05	7.07E-03	2.39E-03	0.02	2.37E-03	0.02	0.18	1.36E-03	7.42E-03	6.17E-03	0.01	3.96E-03	0.13	0.12	0.03	8.15E-06	0.1	



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	(ug/m3)	(ug/m3)	3.90E-05	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
226	Campground 7	678723.9	4860201.8	4.22E+01	1.77E-02	8.52E-04	0.24	3.91E-03	0.02	1.12E-04	7.50E-03	3.49E-03	0.03	5.23E-03	0.04	0.19	2.00E-03	7.51E-03	0.01	0.01	4.18E-03	0.17	0.21	0.03	1.80E-05	0.11	
227	Campground 8	678796.0	4860011.4	5.05E+01	2.12E-02	8.75E-04	0.25	4.39E-03	0.02	1.34E-04	7.66E-03	3.89E-03	0.03	6.27E-03	0.05	0.19	2.23E-03	7.55E-03	0.02	0.01	4.26E-03	0.19	0.24	0.03	2.15E-05	0.11	
228	Campground 9	678852.7	4859854.2	3.59E+01	1.51E-02	8.34E-04	0.23	3.55E-03	0.01	9.50E-05	7.38E-03	3.19E-03	0.03	4.46E-03	0.04	0.19	1.83E-03	7.49E-03	0.01	0.01	4.12E-03	0.16	0.18	0.03	1.53E-05	0.11	
229	Solina 1	681099.6	4861677.2	5.28E+01	2.21E-02	8.81E-04	0.25	4.53E-03	0.02	1.40E-04	7.70E-03	4.00E-03	0.03	6.55E-03	0.05	0.20	2.30E-03	7.56E-03	0.02	0.02	4.28E-03	0.19	0.25	0.03	2.25E-05	0.11	
230	Solina 2	681115.7	4861857.7	4.25E+01	1.78E-02	8.52E-04	0.24	3.93E-03	0.02	1.12E-04	7.51E-03	3.51E-03	0.03	5.27E-03	0.04	0.19	2.01E-03	7.51E-03	0.01	0.01	4.18E-03	0.17	0.21	0.03	1.81E-05	0.11	
231	Solina 3	680987.4	4861983.5	3.53E+01	1.48E-02	8.33E-04	0.23	3.51E-03	0.01	9.34E-05	7.37E-03	3.16E-03	0.03	4.38E-03	0.04	0.19	1.81E-03	7.49E-03	0.01	0.01	4.11E-03	0.16	0.18	0.03	1.50E-05	0.11	
232	Solina 4	680965.0	4862068.1	3.66E+01	1.54E-02	8.36E-04	0.23	3.59E-03	0.01	9.69E-05	7.40E-03	3.23E-03	0.03	4.54E-03	0.04	0.19	1.85E-03	7.49E-03	0.01	0.01	4.12E-03	0.16	0.19	0.03	1.56E-05	0.11	
233	Solina 5	681021.5	4862086.7	3.19E+01	1.34E-02	8.23E-04	0.23	3.32E-03	0.01	8.44E-05	7.31E-03	3.00E-03	0.03	3.96E-03	0.03	0.19	1.72E-03	7.47E-03	0.01	0.01	4.08E-03	0.16	0.17	0.03	1.36E-05	0.11	
234	Solina 6	680939.8	4862124.3	3.87E+01	1.62E-02	8.42E-04	0.23	3.71E-03	0.01	1.02E-04	7.44E-03	3.33E-03	0.03	4.80E-03	0.04	0.19	1.91E-03	7.50E-03	0.01	0.01	4.14E-03	0.17	0.19	0.03	1.65E-05	0.11	
235	Solina 7	680988.2	4862183.6	3.54E+01	1.48E-02	8.33E-04	0.23	3.52E-03	0.01	9.36E-05	7.37E-03	3.17E-03	0.03	4.39E-03	0.04	0.19	1.81E-03	7.49E-03	0.01	0.01	4.11E-03	0.16	0.18	0.03	1.51E-05	0.11	
236	Solina 8	680984.6	4862209.8	3.59E+01	1.51E-02	8.34E-04	0.23	3.55E-03	0.01	9.50E-05	7.38E-03	3.19E-03	0.03	4.45E-03	0.04	0.19	1.83E-03	7.49E-03	0.01	0.01	4.12E-03	0.16	0.18	0.03	1.53E-05	0.11	
237	Solina 9	680958.6	4862294.9	3.58E+01	1.50E-02	8.34E-04	0.23	3.54E-03	0.01	9.47E-05	7.38E-03	3.18E-03	0.03	4.44E-03	0.04	0.19	1.82E-03	7.49E-03	0.01	0.01	4.12E-03	0.16	0.18	0.03	1.52E-05	0.11	
238	Solina 10	680858.0	4862324.3	3.35E+01	1.40E-02	8.28E-04	0.23	3.41E-03	0.01	8.85E-05	7.34E-03	3.07E-03	0.03	4.15E-03	0.04	0.19	1.76E-03	7.48E-03	0.01	0.01	4.09E-03	0.16	0.17	0.03	1.42E-05	0.11	
239	Solina 11	680990.3	4862403.5	3.37E+01	1.41E-02	8.28E-04	0.23	3.42E-03	0.01	8.91E-05	7.34E-03	3.08E-03	0.03	4.18E-03	0.04	0.19	1.77E-03	7.48E-03	0.01	0.01	4.10E-03	0.16	0.17	0.03	1.43E-05	0.11	
240	Recreational 1	681545.0	4860865.0	3.92E+01	1.64E-02	8.43E-04	0.23	3.74E-03	0.01	1.04E-04	7.45E-03	3.35E-03	0.03	4.86E-03	0.04	0.19	1.92E-03	7.50E-03	0.01	0.01	4.15E-03	0.17	0.20	0.03	1.67E-05	0.11	
241	Recreational 2	681563.7	4860687.4	5.59E+01	2.34E-02	8.89E-04	0.26	4.70E-03	0.02	1.48E-04	7.76E-03	4.15E-03	0.04	6.93E-03	0.05	0.20	2.38E-03	7.57E-03	0.02	0.02	4.31E-03	0.20	0.26	0.03	2.38E-05	0.11	
242	Recreational 3	681579.7	4860610.0	5.72E+01	2.39E-02	8.93E-04	0.26	4.78E-03	0.02	1.51E-04	7.78E-03	4.21E-03	0.04	7.09E-03	0.05	0.20	2.42E-03	7.57E-03	0.02	0.02	4.32E-03	0.20	0.26	0.03	2.43E-05	0.11	
243	Recreational 6	681876.6	4860254.4	6.28E+01	2.63E-02	9.08E-04	0.26	5.10E-03	0.02	1.66E-04	7.88E-03	4.48E-03	0.04	7.79E-03	0.06	0.20	2.57E-03	7.59E-03	0.02	0.02	4.38E-03	0.21	0.29	0.03	2.67E-05	0.11	
244	Recreational 7	682166.9	4860324.4	5.51E+01	2.31E-02	8.87E-04	0.25	4.66E-03	0.02	1.46E-04	7.74E-03	4.11E-03	0.03	6.83E-03	0.05	0.20	2.36E-03	7.56E-03	0.02	0.02	4.30E-03	0.19	0.26	0.03	2.35E-05	0.11	
245	Darlington 1	679565.4	4861052.9	7.64E+01	3.20E-02	9.46E-04	0.28	5.89E-03	0.03	2.02E-04	8.14E-03	5.13E-03	0.04	9.47E-03	0.07	0.20	2.95E-03	7.65E-03	0.02	0.02	4.51E-03	0.23	0.34	0.03	3.25E-05	0.11	
246	Darlington 2	679452.9	4861051.4	5.97E+01	2.50E-02	9.00E-04	0.26	4.92E-03	0.02	1.58E-04	7.83E-03	4.33E-03	0.04	7.40E-03	0.05	0.20	2.49E-03	7.58E-03	0.02	0.02	4.35E-03	0.20	0.27	0.03	2.54E-05	0.11	
247	Darlington 3	679130.5	4860948.8	5.72E+01	2.40E-02	8.93E-04	0.26	4.78E-03	0.02	1.51E-04	7.78E-03	4.21E-03	0.04	7.09E-03	0.05	0.20	2.42E-03	7.57E-03	0.02	0.02	4.32E-03	0.20	0.26	0.03	2.43E-05	0.11	
248	Darlington 4	679112.6	4860941.9	5.80E+01	2.43E-02	8.95E-04	0.26	4.83E-03	0.02	1.53E-04	7.79E-03	4.25E-03	0.04	7.19E-03	0.05	0.20	2.44E-03	7.58E-03	0.02	0.02	4.33E-03	0.20	0.27	0.03	2.47E-05	0.11	
249	Darlington 5	679057.6	4860994.1	5.49E+01	2.30E-02	8.87E-04	0.25	4.65E-03	0.02	1.45E-04	7.74E-03	4.10E-03	0.03	6.81E-03	0.05	0.20	2.35E-03	7.56E-03	0.02	0.02	4.30E-03	0.19	0.26	0.03	2.34E-05	0.11	
250	Darlington 6	679075.2	4860931.6	5.86E+01	2.45E-02	8.97E-04	0.26	4.86E-03	0.02	1.55E-04	7.80E-03	4.27E-03	0.04	7.26E-03	0.05	0.20	2.45E-03	7.58E-03	0.02	0.02	4.34E-03	0.20	0.27	0.03	2.49E-05	0.11	
251	Darlington 7	678814.3	4860843.1	5.76E+01	2.42E-02	8.94E-04	0.26	4.80E-03	0.02	1.52E-04	7.79E-03	4.23E-03	0.04	7.14E-03	0.05	0.20	2.43E-03	7.57E-03	0.02	0.02	4.33E-03	0.20	0.27	0.03	2.45E-05	0.11	
252	Darlington 8	678840.4	4860777.1	6.09E+01	2.55E-02	9.03E-04	0.26	4.99E-03	0.02	1.61E-04	7.85E-03	4.38E-03	0.04	7.54E-03	0.05	0.20	2.52E-03	7.59E-03	0.02	0.02	4.36E-03	0.20	0.28	0.03	2.59E-05	0.11	
253	Light Ind. 1	680000.1	4861034.1	5.61E+01	2.35E-02	8.90E-04	0.26	4.72E-03	0.02	1.48E-04	7.76E-03	4.16E-03	0.04	6.96E-03	0.05	0.20	2.39E-03	7.57E-03	0.02	0.02	4.31E-03	0.20	0.26	0.03	2.39E-05	0.11	
254	Light Ind. 2	680060.7	4861056.4	6.22E+01	2.60E-02	9.07E-04	0.26	5.07E-03	0.02	1.64E-04	7.87E-03	4.45E-03	0.04	7.71E-03	0.06	0.20	2.55E-03	7.59E-03	0.02	0.02	4.37E-03	0.21	0.28	0.03	2.65E-05	0.11	
255	Light Ind. 3	680291.2	4861151.6	6.55E+01	2.75E-02	9.16E-04	0.27	5.26E-03	0.02	1.73E-04	7.93E-03	4.61E-03	0.04	8.12E-03	0.06	0.20	2.65E-03	7.61E-03	0.02	0.02	4.40E-03	0.21	0.30	0.03	2.79E-05	0.11	
256	Light Ind. 4	680536.3	4861204.6	5.00E+01	2.09E-02	8.73E-04	0.25	4.36E-03	0.02	1.32E-04	7.65E-03	3.86E-03	0.03	6.20E-03	0.05	0.19	2.22E-03	7.54E-03	0.02	0.01	4.25E-03	0.19	0.24	0.03	2.13E-05	0.11	
257	Light Ind. 5	680350.4	4861290.6	5.97E+01	2.50E-02	9.00E-04	0.26	4.93E-03	0.02	1.58E-04	7.83E-03	4.33E-03	0.04	7.41E-03	0.05	0.20	2.49E-03	7.58E-03	0.02	0.02	4.35E-03	0.20	0.27	0.03	2.54E-05	0.11	
258	Light Ind. 6	680306.9	4861275.6	6.43E+01	2.70E-02	9.13E-04	0.27	5.19E-03	0.02	1.70E-04	7.91E-03	4.55E-03	0.04	7.97E-03	0.06	0.20	2.61E-03	7.60E-03	0.02	0.02	4.39E-03	0.21	0.29	0.03	2.74E-05	0.11	
259	Light Ind. 7	680267.2	4861262.4	6.72E+01	2.82E-02	9.21E-04	0.27	5.36E-03	0.03	1.78E-04	7.97E-03	4.69E-03	0.04	8.34E-03	0.06	0.20	2.69E-03	7.61E-03	0.02	0.02	4.42E-03	0.21	0.30	0.03	2.86E-05	0.11	
260	Light Ind. 8	680233.6	4861250.7	6.79E+01	2.84E-02	9.22E-04	0.27	5.40E-03	0.03	1.79E-04	7.98E-03	4.72E-03	0.04	8.41E-03	0.06	0.20	2.71E-03	7.61E-03	0.02	0.02	4.42E-03	0.22	0.30	0.03	2.89E-05	0.11	
261	Light Ind. 9	680175.3	4861227.5	6.57E+01	2.75E-02	9.16E-04	0.27	5.27E-03	0.02	1.74E-04	7.94E-03	4.62E-03	0.04	8.14E-03	0.06	0.20	2.65E-03	7.61E-03	0.02	0.02	4.40E-03	0.21	0.30	0.03	2.80E-05	0.11	
262	Light Ind. 10	680092.5	4861185.1	5.65E+01	2.37E-02	8.91E-04	0.26	4.74E-03	0.02	1.49E-04	7.77E-03	4.18E-03	0.04	7.01E-03	0.05	0.20	2.40E-03	7.57E-03	0.02	0.02	4.32E-03	0.20	0.26	0.03	2.41E-05	0.11	
263	Light Ind. 11	680071.6	4861246.6	5.97E+01	2.50E-02	9.00E-04	0.26	4.93E-03	0.02	1.58E-04	7.83E-03	4.33E-03	0.04	7.41E-03	0.05	0.20	2.49E-03	7.58E-03	0.02	0.02	4.35E-03	0.20	0.27	0.03	2.54E-05	0.11	
264	Light Ind. 12	680021.4	4861186.9	5.39E+01	2.26E-																						

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	(ug/m3)	(ug/m3)	3.90E-05	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
283	Residence	680683.5	4861597.9	3.78E+01	1.58E-02	8.39E-04	0.23	3.66E-03	0.01	9.99E-05	7.42E-03	3.28E-03	0.03	4.68E-03	0.04	0.19	1.88E-03	7.50E-03	0.01	0.01	4.14E-03	0.17	0.19	0.03	1.61E-05	0.11	
284	Business	680064.3	4861343.7	6.28E+01	2.63E-02	9.08E-04	0.26	5.10E-03	0.02	1.66E-04	7.88E-03	4.48E-03	0.04	7.79E-03	0.06	0.20	2.57E-03	7.59E-03	0.02	0.02	4.38E-03	0.21	0.29	0.03	2.67E-05	0.11	
285	Farmer	679680.1	4861213.5	6.41E+01	2.69E-02	9.12E-04	0.27	5.18E-03	0.02	1.70E-04	7.91E-03	4.54E-03	0.04	7.95E-03	0.06	0.20	2.61E-03	7.60E-03	0.02	0.02	4.39E-03	0.21	0.29	0.03	2.73E-05	0.11	
286	Farmer	681344.8	4861792.9	4.26E+01	1.79E-02	8.53E-04	0.24	3.93E-03	0.02	1.13E-04	7.51E-03	3.51E-03	0.03	5.28E-03	0.04	0.19	2.01E-03	7.51E-03	0.01	0.01	4.18E-03	0.17	0.21	0.03	1.81E-05	0.11	
287	Youth Centre	685644.2	4864814.8	1.23E+01	5.15E-03	7.69E-04	0.20	2.18E-03	4.67E-03	3.25E-05	6.94E-03	2.06E-03	0.02	1.52E-03	0.02	0.18	1.17E-03	7.39E-03	3.96E-03	9.13E-03	3.89E-03	0.12	0.09	0.03	5.23E-06	0.11	
288	Bowmanville Arena	685462.9	4864615.2	1.42E+01	5.95E-03	7.74E-04	0.20	2.29E-03	5.39E-03	3.75E-05	6.98E-03	2.15E-03	0.02	1.76E-03	0.02	0.18	1.22E-03	7.40E-03	4.57E-03	9.41E-03	3.91E-03	0.13	0.10	0.03	6.03E-06	0.11	
289	Bowmanville Rec Complex	684160.3	4864604.5	1.55E+01	6.51E-03	7.78E-04	0.20	2.37E-03	5.91E-03	4.11E-05	7.00E-03	2.22E-03	0.02	1.93E-03	0.02	0.18	1.26E-03	7.41E-03	5.01E-03	9.61E-03	3.92E-03	0.13	0.11	0.03	6.62E-06	0.11	
290	Recreation Complex	684586.6	4862406.3	1.81E+01	7.57E-03	7.85E-04	0.21	2.52E-03	6.87E-03	4.78E-05	7.05E-03	2.34E-03	0.02	2.24E-03	0.02	0.18	1.33E-03	7.42E-03	5.82E-03	9.97E-03	3.95E-03	0.13	0.12	0.03	7.69E-06	0.11	
291	Superdog Central	681487.7	4865723.3	1.11E+01	4.66E-03	7.66E-04	0.20	2.11E-03	4.22E-03	2.94E-05	6.92E-03	2.00E-03	0.02	1.38E-03	0.02	0.18	1.14E-03	7.39E-03	3.58E-03	8.96E-03	3.88E-03	0.12	0.09	0.03	4.73E-06	0.11	
292	Equestrian Centre	681567.1	4863670.7	3.51E+01	1.47E-02	8.32E-04	0.23	3.50E-03	0.01	9.28E-05	7.37E-03	3.15E-03	0.03	4.35E-03	0.04	0.19	1.80E-03	7.49E-03	0.01	0.01	4.11E-03	0.16	0.18	0.03	1.49E-05	0.11	
293	Flea Market	678574.6	4862819.4	2.63E+01	1.10E-02	8.08E-04	0.22	2.99E-03	0.01	6.97E-05	7.21E-03	2.73E-03	0.02	3.27E-03	0.03	0.19	1.56E-03	7.45E-03	8.49E-03	0.01	4.03E-03	0.15	0.15	0.03	1.12E-05	0.11	
294	Equestrian Centre	680030.8	4867320.2	9.51E+00	3.99E-03	7.62E-04	0.20	2.02E-03	3.62E-03	2.52E-05	6.89E-03	1.93E-03	0.02	1.18E-03	0.02	0.18	1.10E-03	7.38E-03	3.07E-03	8.73E-03	3.86E-03	0.12	0.08	0.03	4.05E-06	0.11	
295	Courtice Community Complex	678099.3	4864629.8	1.36E+01	5.68E-03	7.73E-04	0.20	2.26E-03	5.16E-03	3.59E-05	6.97E-03	2.12E-03	0.02	1.68E-03	0.02	0.18	1.21E-03	7.40E-03	4.37E-03	9.32E-03	3.90E-03	0.13	0.10	0.03	5.77E-06	0.11	
296	Former Restaurant	679830.2	4860702.2	5.13E+01	2.15E-02	8.77E-04	0.25	4.44E-03	0.02	1.36E-04	7.67E-03	3.93E-03	0.03	6.36E-03	0.05	0.19	2.25E-03	7.55E-03	0.02	0.01	4.27E-03	0.19	0.24	0.03	2.19E-05	0.11	
297	Commercial	679364.8	4861016.0	5.25E+01	2.20E-02	8.80E-04	0.25	4.51E-03	0.02	1.39E-04	7.69E-03	3.99E-03	0.03	6.51E-03	0.05	0.20	2.29E-03	7.55E-03	0.02	0.01	4.28E-03	0.19	0.25	0.03	2.24E-05	0.11	
298	GM Oshawa Headquarters	676418.3	4860463.7	2.83E+01	1.19E-02	8.13E-04	0.22	3.11E-03	0.01	7.49E-05	7.24E-03	2.83E-03	0.02	3.51E-03	0.03	0.19	1.62E-03	7.46E-03	9.12E-03	0.01	4.04E-03	0.15	0.15	0.03	1.20E-05	0.11	
299	Farm A?	682972.3	4862201.9	2.98E+01	1.25E-02	8.17E-04	0.22	3.19E-03	0.01	7.88E-05	7.27E-03	2.90E-03	0.02	3.69E-03	0.03	0.19	1.66E-03	7.46E-03	9.60E-03	0.01	4.06E-03	0.15	0.16	0.03	1.27E-05	0.11	
300	Farm B?	683546.9	4861959.7	2.41E+01	1.01E-02	8.02E-04	0.22	2.87E-03	9.17E-03	6.38E-05	7.16E-03	2.63E-03	0.02	2.99E-03	0.03	0.18	1.50E-03	7.44E-03	7.77E-03	0.01	4.00E-03	0.14	0.14	0.03	1.03E-05	0.11	
301	Farm C?	682547.5	4862321.1	2.81E+01	1.18E-02	8.13E-04	0.22	3.10E-03	0.01	7.43E-05	7.24E-03	2.82E-03	0.02	3.48E-03	0.03	0.19	1.61E-03	7.46E-03	9.06E-03	0.01	4.04E-03	0.15	0.15	0.03	1.20E-05	0.11	
302	Farm D?	683238.3	4862393.3	2.89E+01	1.21E-02	8.15E-04	0.22	3.14E-03	0.01	7.65E-05	7.25E-03	2.86E-03	0.02	3.58E-03	0.03	0.19	1.63E-03	7.46E-03	9.32E-03	0.01	4.05E-03	0.15	0.16	0.03	1.23E-05	0.11	
303	Farm E?	682512.6	4862858.0	3.70E+01	1.55E-02	8.37E-04	0.23	3.61E-03	0.01	9.77E-05	7.40E-03	3.24E-03	0.03	4.58E-03	0.04	0.19	1.86E-03	7.49E-03	0.01	0.01	4.13E-03	0.16	0.19	0.03	1.57E-05	0.11	
304	Farm F?	683129.1	4863649.4	2.47E+01	1.03E-02	8.03E-04	0.22	2.90E-03	9.38E-03	6.53E-05	7.17E-03	2.65E-03	0.02	3.06E-03	0.03	0.18	1.52E-03	7.44E-03	7.95E-03	0.01	4.01E-03	0.14	0.14	0.03	1.05E-05	0.11	
305	Bennett 1	688209.3	4862512.1	1.00E+01	4.20E-03	7.63E-04	0.20	2.05E-03	3.81E-03	2.65E-05	6.90E-03	1.95E-03	0.02	1.24E-03	0.02	0.18	1.11E-03	7.39E-03	3.23E-03	8.80E-03	3.87E-03	0.12	0.08	0.03	4.26E-06	0.11	
306	Bennett 2	687990.0	4863221.3	9.41E+00	3.94E-03	7.61E-04	0.20	2.02E-03	3.58E-03	2.49E-05	6.89E-03	1.92E-03	0.02	1.17E-03	0.02	0.18	1.09E-03	7.38E-03	3.03E-03	8.71E-03	3.86E-03	0.12	0.08	0.03	4.01E-06	0.11	
307	Bennett 3	688818.4	4862836.3	7.94E+00	3.33E-03	7.57E-04	0.20	1.93E-03	3.02E-03	2.10E-05	6.86E-03	1.85E-03	0.02	9.84E-04	0.02	0.18	1.05E-03	7.38E-03	2.56E-03	8.50E-03	3.85E-03	0.12	0.08	0.03	3.38E-06	0.11	
308	Bennett 4	689045.1	4863365.5	9.18E+00	3.85E-03	7.61E-04	0.20	2.00E-03	3.42E-03	2.43E-05	6.89E-03	1.91E-03	0.02	1.14E-03	0.02	0.18	1.09E-03	7.38E-03	2.96E-03	8.68E-03	3.86E-03	0.12	0.08	0.03	3.91E-06	0.11	
309	Bennett 5	688270.5	4863763.1	8.99E+00	3.77E-03	7.60E-04	0.20	1.99E-03	3.42E-03	2.38E-05	6.88E-03	1.90E-03	0.02	1.11E-03	0.02	0.18	1.08E-03	7.38E-03	2.90E-03	8.65E-03	3.86E-03	0.12	0.08	0.03	3.83E-06	0.11	
310	Bennett 6	689908.5	4863100.5	6.81E+00	2.85E-03	7.54E-04	0.19	1.86E-03	2.59E-03	1.80E-05	6.84E-03	1.80E-03	0.01	8.45E-04	0.02	0.18	1.02E-03	7.37E-03	2.20E-03	8.34E-03	3.84E-03	0.11	0.07	0.03	2.90E-06	0.11	
311	Bennett 7	688929.9	4864392.0	1.33E+01	5.58E-03	7.72E-04	0.20	2.24E-03	5.06E-03	3.52E-05	6.96E-03	2.11E-03	0.02	1.65E-03	0.02	0.18	1.20E-03	7.40E-03	4.29E-03	9.28E-03	3.90E-03	0.13	0.10	0.03	5.67E-06	0.11	
312	Bennett 8	689684.2	4863837.7	7.76E+00	3.25E-03	7.57E-04	0.19	1.92E-03	2.95E-03	2.05E-05	6.86E-03	1.84E-03	0.02	9.61E-04	0.02	0.18	1.05E-03	7.38E-03	2.50E-03	8.47E-03	3.85E-03	0.12	0.08	0.03	3.30E-06	0.11	
313	Soper 1	687557.9	4862512.4	1.11E+01	4.64E-03	7.66E-04	0.20	2.11E-03	4.21E-03	2.93E-05	6.92E-03	2.00E-03	0.02	1.37E-03	0.02	0.18	1.14E-03	7.39E-03	3.57E-03	8.96E-03	3.88E-03	0.12	0.09	0.03	4.72E-06	0.11	
314	Soper 2	687241.9	4863171.7	1.30E+01	5.47E-03	7.71E-04	0.20	2.23E-03	4.96E-03	3.45E-05	6.96E-03	2.10E-03	0.02	1.62E-03	0.02	0.18	1.19E-03	7.40E-03	4.20E-03	9.24E-03	3.90E-03	0.12	0.10	0.03	5.55E-06	0.11	
315	Soper 3	687023.2	4863903.8	1.10E+01	4.61E-03	7.66E-04	0.20	2.11E-03	4.19E-03	2.91E-05	6.92E-03	2.00E-03	0.02	1.36E-03	0.02	0.18	1.14E-03	7.39E-03	3.55E-03	8.95E-03	3.88E-03	0.12	0.09	0.03	4.69E-06	0.11	
316	Soper 4	688158.2	4865389.3	1.08E+01	4.51E-03	7.65E-04	0.20	2.09E-03	4.10E-03	2.85E-05	6.92E-03	1.99E-03	0.02	1.34E-03	0.02	0.18	1.13E-03	7.39E-03	3.47E-03	8.91E-03	3.88E-03	0.12	0.09	0.03	4.59E-06	0.11	
317	Soper 5	685027.3	4868253.9	8.43E+00	3.53E-03	7.59E-04	0.20	1.96E-03	3.21E-03	2.23E-05	6.87E-03	1.87E-03	0.02	1.05E-03	0.02	0.18	1.07E-03	7.38E-03	2.72E-03	8.57E-03	3.85E-03	0.12	0.08	0.03	3.59E-06	0.11	
318	Soper 6	687287.4	4867037.3	9.69E+00	4.06E-03	7.62E-04	0.20	2.03E-03	3.68E-03	2.56E-05	6.90E-03	1.93E-03	0.02	1.20E-03	0.02	0.18	1.10E-03	7.38E-03	3.12E-03	8.76E-03	3.87E-03	0.12	0.08	0.03	4.13E-06	0.11	
319	Soper 7	685683.2	4867148.1	1.58E+01	6.62E-03	7.79E-04	0.21	2.38E-03	6.01E-03	4.18E-05	7.01E-03	2.23E-03	0.02	1.96E-03	0.02	0.18	1.27E-03	7.41E-03	5.09E-03	9.64E-03	3.92E-03	0.13	0.11	0.03	6.72E-06	0.11	
320	Soper 8	686748.7	4865874.7	8.10E+00	3.39E-03	7.58E-04	0.20	1.94E-03	3.08E-03	2.																	

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	(ug/m3)	(ug/m3)	3.90E-05	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
340	F/B 1	677443.1	4867862.1	1.17E+01	4.89E-03	7.68E-04	0.20	2.15E-03	4.45E-03	3.09E-05	6.93E-03	2.03E-03	0.02	1.45E-03	0.02	0.18	1.16E-03	7.39E-03	3.77E-03	9.05E-03	3.88E-03	0.12	0.09	0.03	4.98E-06	0.11	
341	F/B 2	679667.4	4866611.4	1.25E+01	5.25E-03	7.70E-04	0.20	2.20E-03	4.77E-03	3.32E-05	6.95E-03	2.07E-03	0.02	1.55E-03	0.02	0.18	1.18E-03	7.40E-03	4.04E-03	9.17E-03	3.89E-03	0.12	0.09	0.03	5.34E-06	0.11	
342	F/B 3	678655.0	4867470.1	8.90E+00	3.73E-03	7.60E-04	0.20	1.99E-03	3.38E-03	2.35E-05	6.88E-03	1.90E-03	0.02	1.10E-03	0.02	0.18	1.08E-03	7.38E-03	2.87E-03	8.64E-03	3.86E-03	0.12	0.08	0.03	3.79E-06	0.11	
343	F/B 4	676191.2	4866844.7	9.01E+00	3.78E-03	7.60E-04	0.20	1.99E-03	3.43E-03	2.38E-05	6.88E-03	1.90E-03	0.02	1.12E-03	0.02	0.18	1.08E-03	7.38E-03	2.90E-03	8.66E-03	3.86E-03	0.12	0.08	0.03	3.84E-06	0.11	
344	F/B 5	678273.3	4866093.0	1.61E+01	6.76E-03	7.80E-04	0.21	2.40E-03	6.13E-03	4.26E-05	7.02E-03	2.24E-03	0.02	2.00E-03	0.02	0.18	1.28E-03	7.41E-03	5.19E-03	9.69E-03	3.93E-03	0.13	0.11	0.03	6.86E-06	0.11	
345	F/B 6	681241.2	4867098.8	1.14E+01	4.79E-03	7.67E-04	0.20	2.13E-03	4.35E-03	3.02E-05	6.93E-03	2.02E-03	0.02	1.42E-03	0.02	0.18	1.15E-03	7.39E-03	3.69E-03	9.01E-03	3.88E-03	0.12	0.09	0.03	4.87E-06	0.11	
346	F/B 7	682165.3	4868082.3	9.00E+00	3.77E-03	7.60E-04	0.20	1.99E-03	3.42E-03	2.38E-05	6.88E-03	1.90E-03	0.02	1.12E-03	0.02	0.18	1.08E-03	7.38E-03	2.90E-03	8.65E-03	3.86E-03	0.12	0.08	0.03	3.83E-06	0.11	
347	F/B 8	679366.6	4868628.3	1.06E+01	4.46E-03	7.65E-04	0.20	2.09E-03	4.04E-03	2.81E-05	6.91E-03	1.98E-03	0.02	1.32E-03	0.02	0.18	1.13E-03	7.39E-03	3.43E-03	8.89E-03	3.87E-03	0.12	0.09	0.03	4.53E-06	0.11	
348	F/B 9	680310.1	4869967.1	8.03E+00	3.37E-03	7.58E-04	0.20	1.94E-03	3.05E-03	2.12E-05	6.87E-03	1.86E-03	0.02	9.96E-04	0.02	0.18	1.06E-03	7.38E-03	2.59E-03	8.51E-03	3.85E-03	0.12	0.08	0.03	3.42E-06	0.11	
349	F/B 10	676487.3	4869291.6	8.02E+00	3.36E-03	7.58E-04	0.20	1.93E-03	3.05E-03	2.12E-05	6.86E-03	1.85E-03	0.02	9.94E-04	0.02	0.18	1.05E-03	7.38E-03	2.59E-03	8.51E-03	3.85E-03	0.12	0.08	0.03	3.41E-06	0.11	
350	F/B 11	676851.4	4865409.3	1.15E+01	4.80E-03	7.67E-04	0.20	2.13E-03	4.35E-03	3.03E-05	6.93E-03	2.02E-03	0.02	1.42E-03	0.02	0.18	1.15E-03	7.39E-03	3.69E-03	9.01E-03	3.88E-03	0.12	0.09	0.03	4.87E-06	0.11	
351	F/B 12	681153.3	4868682.2	8.32E+00	3.48E-03	7.58E-04	0.20	1.95E-03	3.16E-03	2.20E-05	6.87E-03	1.87E-03	0.02	1.03E-03	0.02	0.18	1.06E-03	7.38E-03	2.68E-03	8.56E-03	3.85E-03	0.12	0.08	0.03	3.54E-06	0.11	
352	F/B 13	675416.3	4859833.9	1.34E+01	5.61E-03	7.72E-04	0.20	2.25E-03	5.09E-03	3.54E-05	6.96E-03	2.11E-03	0.02	1.66E-03	0.02	0.18	1.20E-03	7.40E-03	4.32E-03	9.29E-03	3.90E-03	0.13	0.10	0.03	5.70E-06	0.11	
353	Second 1	675153.4	4860552.8	2.49E+01	1.04E-02	8.04E-04	0.22	2.91E-03	9.47E-03	6.59E-05	7.18E-03	2.66E-03	0.02	3.09E-03	0.03	0.18	1.52E-03	7.44E-03	8.03E-03	0.01	4.01E-03	0.14	0.14	0.03	1.06E-05	0.11	
354	Second 2	675297.5	4860891.3	2.47E+01	1.03E-02	8.03E-04	0.22	2.90E-03	9.38E-03	6.52E-05	7.17E-03	2.65E-03	0.02	3.06E-03	0.03	0.18	1.52E-03	7.44E-03	7.95E-03	0.01	4.01E-03	0.14	0.14	0.03	1.05E-05	0.11	
355	Second 3	675647.2	4860644.9	2.90E+01	1.22E-02	8.15E-04	0.22	3.15E-03	0.01	7.68E-05	7.26E-03	2.86E-03	0.02	3.60E-03	0.03	0.19	1.64E-03	7.46E-03	9.36E-03	0.01	4.05E-03	0.15	0.16	0.03	1.24E-05	0.11	
356	Second 4	675670.5	4860076.5	1.72E+01	7.22E-03	7.83E-04	0.21	2.47E-03	6.55E-03	4.56E-05	7.04E-03	2.30E-03	0.02	2.14E-03	0.02	0.18	1.31E-03	7.41E-03	5.56E-03	9.85E-03	3.94E-03	0.13	0.11	0.03	7.34E-06	0.11	
357	Second 5	676043.3	4860319.1	2.51E+01	1.05E-02	8.05E-04	0.22	2.93E-03	9.56E-03	6.65E-05	7.18E-03	2.67E-03	0.02	3.12E-03	0.03	0.18	1.53E-03	7.45E-03	8.11E-03	0.01	4.01E-03	0.14	0.14	0.03	1.07E-05	0.11	
358	Second 6	675923.4	4859821.4	1.62E+01	6.80E-03	7.80E-04	0.21	2.41E-03	6.17E-03	4.29E-05	7.02E-03	2.25E-03	0.02	2.01E-03	0.02	0.18	1.28E-03	7.41E-03	5.23E-03	9.70E-03	3.93E-03	0.13	0.11	0.03	6.90E-06	0.11	
359	McLaughlin Bay 1	676714.7	4860903.8	2.48E+01	1.04E-02	8.04E-04	0.22	2.90E-03	9.42E-03	6.55E-05	7.18E-03	2.66E-03	0.02	3.07E-03	0.03	0.18	1.52E-03	7.44E-03	7.99E-03	0.01	4.01E-03	0.14	0.14	0.03	1.05E-05	0.11	
360	McLaughlin Bay 2	677310.8	4860528.2	3.03E+01	1.27E-02	8.19E-04	0.22	3.22E-03	0.01	8.00E-05	7.28E-03	2.92E-03	0.02	3.75E-03	0.03	0.19	1.67E-03	7.47E-03	9.75E-03	0.01	4.06E-03	0.15	0.16	0.03	1.29E-05	0.11	
361	McLaughlin Bay 3	676563.5	4860260.1	2.16E+01	9.03E-03	7.95E-04	0.21	2.72E-03	8.19E-03	5.70E-05	7.12E-03	2.50E-03	0.02	2.67E-03	0.03	0.18	1.43E-03	7.43E-03	6.95E-03	0.01	3.98E-03	0.14	0.13	0.03	9.17E-06	0.11	
362	McLaughlin Bay 4	676699.5	4859696.6	3.11E+01	1.31E-02	8.21E-04	0.22	3.27E-03	0.01	8.24E-05	7.29E-03	2.96E-03	0.02	3.86E-03	0.03	0.19	1.70E-03	7.47E-03	0.01	0.01	4.07E-03	0.15	0.17	0.03	1.33E-05	0.11	
363	McLaughlin Bay 5	677560.0	4860060.1	2.05E+01	8.61E-03	7.92E-04	0.21	2.66E-03	7.81E-03	5.43E-05	7.10E-03	2.45E-03	0.02	2.55E-03	0.03	0.18	1.40E-03	7.43E-03	6.62E-03	0.01	3.97E-03	0.14	0.12	0.03	8.74E-06	0.11	
364	McLaughlin Bay 6	678204.5	4859832.5	4.12E+01	1.73E-02	8.49E-04	0.24	3.86E-03	0.02	1.09E-04	7.48E-03	3.45E-03	0.03	5.11E-03	0.04	0.19	1.97E-03	7.51E-03	0.01	0.01	4.17E-03	0.17	0.20	0.03	1.75E-05	0.11	
365	Harmony Creek 1	674178.3	4861024.2	1.51E+01	6.32E-03	7.77E-04	0.20	2.34E-03	5.74E-03	3.99E-05	7.00E-03	2.19E-03	0.02	1.87E-03	0.02	0.18	1.25E-03	7.41E-03	4.86E-03	9.54E-03	3.92E-03	0.13	0.10	0.03	6.42E-06	0.11	
366	Harmony Creek 2	674592.0	4862605.3	2.45E+01	1.03E-02	8.03E-04	0.22	2.89E-03	9.32E-03	6.48E-05	7.17E-03	2.64E-03	0.02	3.04E-03	0.03	0.18	1.51E-03	7.44E-03	7.90E-03	0.01	4.01E-03	0.14	0.14	0.03	1.04E-05	0.11	
367	Harmony Creek 3	672863.4	4862808.0	9.87E+00	4.14E-03	7.63E-04	0.20	2.04E-03	3.75E-03	2.61E-05	6.90E-03	1.94E-03	0.02	1.22E-03	0.02	0.18	1.11E-03	7.38E-03	3.18E-03	8.78E-03	3.87E-03	0.12	0.08	0.03	4.20E-06	0.11	
368	Harmony Creek 4	675671.6	4864469.0	1.36E+01	5.69E-03	7.73E-04	0.20	2.26E-03	5.16E-03	3.59E-05	6.97E-03	2.12E-03	0.02	1.68E-03	0.02	0.18	1.21E-03	7.40E-03	4.38E-03	9.32E-03	3.90E-03	0.13	0.10	0.03	5.78E-06	0.11	
369	Harmony Creek 5	672443.1	4864713.0	1.41E+01	5.92E-03	7.74E-04	0.20	2.29E-03	5.37E-03	3.74E-05	6.98E-03	2.15E-03	0.02	1.75E-03	0.02	0.18	1.22E-03	7.40E-03	4.55E-03	9.40E-03	3.91E-03	0.13	0.10	0.03	6.01E-06	0.11	
370	Harmony Creek 6	674830.5	4866909.6	1.19E+01	4.98E-03	7.68E-04	0.20	2.16E-03	4.52E-03	3.14E-05	6.94E-03	2.04E-03	0.02	1.47E-03	0.02	0.18	1.16E-03	7.39E-03	3.83E-03	9.08E-03	3.89E-03	0.12	0.09	0.03	5.06E-06	0.11	
371	Harmony Creek 7	675799.9	4868594.1	1.01E+01	4.24E-03	7.63E-04	0.20	2.06E-03	3.85E-03	2.68E-05	6.90E-03	1.96E-03	0.02	1.25E-03	0.02	0.18	1.11E-03	7.39E-03	3.26E-03	8.82E-03	3.87E-03	0.12	0.09	0.03	4.31E-06	0.11	
372	Westside 1	686082.6	4862776.6	2.03E+01	8.51E-03	7.91E-04	0.21	2.65E-03	7.72E-03	5.37E-05	7.09E-03	2.44E-03	0.02	2.52E-03	0.03	0.18	1.40E-03	7.43E-03	6.55E-03	0.01	3.97E-03	0.14	0.12	0.03	8.65E-06	0.11	
373	Westside 2	685778.7	4862137.9	1.82E+01	7.62E-03	7.85E-04	0.21	2.52E-03	6.91E-03	4.81E-05	7.05E-03	2.34E-03	0.02	2.25E-03	0.02	0.18	1.34E-03	7.42E-03	5.86E-03	9.99E-03	3.95E-03	0.13	0.12	0.03	7.74E-06	0.11	
374	Westside 3	685084.2	4862827.4	1.60E+01	6.71E-03	7.80E-04	0.21	2.40E-03	6.08E-03	4.23E-05	7.01E-03	2.24E-03	0.02	1.98E-03	0.02	0.18	1.28E-03	7.41E-03	5.16E-03	9.67E-03	3.93E-03	0.13	0.11	0.03	6.81E-06	0.11	
375	Darlington 1	680977.5	4865674.4	1.62E+01	6.77E-03	7.80E-04	0.21	2.41E-03	6.14E-03	4.27E-05	7.02E-03	2.24E-03	0.02	2.00E-03	0.02	0.18	1.28E-03	7.41E-03	5.21E-03	9.70E-03	3.93E-03	0.13	0.11	0.03	6.88E-06	0.11	
376	Darlington 2	680913.9	4863967.1	2.46E+01	1.03E-02	8.03E-04	0.22	2.89E-03	9.35E-03	6.51E-05	7.17E-03	2.65E-03	0.02	3.05E-03	0.03	0.18	1.51E-03	7.44E-03	7.93E-03	0.01	4.01E-03	0.14	0.14	0.03	1.05E-05	0.11	
377	D																										



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene
		(m)	(m)	(ug/m3)	(ug/m3)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		2.13E-03	1.52E-04	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.30E-04	3.30E-04	1.72E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04
1	Campground 10	678526.8	4859996.8	4.89E+01	2.05E-02	7.02E-05	2.11E-05	4.16E-05	2.22E-03	1.73E-04	5.46E-05	7.58E-04	3.05E-03	3.98E-04	1.66E-04	3.46E-04	1.65E-04	3.41E-04	3.37E-04	1.89E-04	1.66E-04	3.33E-04	4.52E-03	3.30E-04	2.36E-04	3.30E-04	
2	ECO 2	675490.4	4860360.1	2.54E+01	1.07E-02	3.65E-05	1.10E-05	2.17E-05	2.18E-03	1.63E-04	2.84E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.95E-03	3.30E-04	2.36E-04	3.30E-04	
3	Recreational 5	681642.0	4860349.3	5.65E+01	2.36E-02	8.11E-05	2.44E-05	4.81E-05	2.23E-03	1.76E-04	6.31E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.92E-04	1.67E-04	3.34E-04	4.71E-03	3.30E-04	2.37E-04	3.30E-04	
4	ECO 4	676831.5	4859840.9	2.28E+01	9.57E-03	3.28E-05	9.87E-06	1.94E-05	2.17E-03	1.62E-04	2.55E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.88E-03	3.30E-04	2.35E-04	3.30E-04	
5	Bow. Valley Cons. 3	685767.2	4863879.0	1.39E+01	5.84E-03	2.00E-05	6.02E-06	1.19E-05	2.16E-03	1.58E-04	1.56E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	
6	ECO 6	679647.8	4859989.3	4.91E+01	2.06E-02	7.05E-05	2.12E-05	4.18E-05	2.22E-03	1.73E-04	5.49E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.41E-04	3.37E-04	1.89E-04	1.66E-04	3.33E-04	4.53E-03	3.30E-04	2.36E-04	3.30E-04	
7	ECO 7	681578.8	4862070.1	3.90E+01	1.63E-02	5.61E-05	1.69E-05	3.32E-05	2.20E-03	1.69E-04	4.36E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.28E-03	3.30E-04	2.36E-04	3.30E-04	
8	ECO 8	679735.5	4861048.6	8.62E+01	3.61E-02	1.24E-04	3.73E-05	7.34E-05	2.28E-03	1.89E-04	9.64E-05	7.63E-04	3.06E-03	4.00E-04	1.66E-04	3.47E-04	1.66E-04	3.49E-04	3.43E-04	2.02E-04	1.67E-04	3.36E-04	5.44E-03	3.30E-04	2.37E-04	3.30E-04	
9	ECO 9	687219.7	4864249.3	1.15E+01	4.80E-03	1.65E-05	4.96E-06	9.76E-06	2.15E-03	1.57E-04	1.28E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	
10	ECO 10	686519.0	4861987.6	1.45E+01	6.09E-03	2.09E-05	6.28E-06	1.24E-05	2.16E-03	1.58E-04	1.62E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.68E-03	3.30E-04	2.35E-04	3.30E-04	
11	ECO 11	679870.4	4859737.9	3.91E+01	1.64E-02	5.62E-05	1.69E-05	3.33E-05	2.20E-03	1.69E-04	4.38E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.28E-03	3.30E-04	2.36E-04	3.30E-04	
12	Recreational 4	681575.5	4860557.7	5.78E+01	2.41E-02	8.30E-05	2.50E-05	4.92E-05	2.23E-03	1.77E-04	6.46E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.92E-04	1.67E-04	3.34E-04	4.74E-03	3.30E-04	2.37E-04	3.30E-04	
13	Future Industrial 9	680704.5	4859857.8	9.72E+01	4.07E-02	1.40E-04	4.20E-05	8.27E-05	2.30E-03	1.93E-04	1.09E-04	7.64E-04	3.06E-03	4.00E-04	1.66E-04	3.48E-04	1.66E-04	3.52E-04	3.45E-04	2.05E-04	1.68E-04	3.37E-04	5.71E-03	3.30E-04	2.38E-04	3.30E-04	
14	Future Industrial 10	680608.0	4860719.6	1.15E+02	4.81E-02	1.65E-04	4.96E-05	9.76E-05	2.33E-03	2.01E-04	1.28E-04	7.66E-04	3.06E-03	4.01E-04	1.66E-04	3.48E-04	1.66E-04	3.56E-04	3.48E-04	2.11E-04	1.68E-04	3.38E-04	6.15E-03	3.30E-04	2.38E-04	3.30E-04	
15	Harmony Creek	673992.4	4865641.4	7.55E+00	3.16E-03	1.08E-05	3.26E-06	6.42E-06	2.15E-03	1.55E-04	8.44E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	
16	Farewell Creek	678079.2	4868822.7	8.78E+00	3.68E-03	1.26E-05	3.80E-06	7.48E-06	2.15E-03	1.56E-04	9.82E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	
17	Farmer	681378.6	4860335.0	5.87E+01	2.46E-02	8.44E-05	2.54E-05	5.00E-05	2.23E-03	1.77E-04	6.57E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.92E-04	1.67E-04	3.34E-04	4.77E-03	3.30E-04	2.37E-04	3.30E-04	
18	Watson Farm	682883.4	4864219.7	2.09E+01	8.75E-03	3.00E-05	9.03E-06	1.78E-05	2.17E-03	1.61E-04	2.33E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	
19	Racanski Farm	678929.2	4865530.2	1.25E+01	5.26E-03	1.80E-05	5.43E-06	1.07E-05	2.15E-03	1.57E-04	1.40E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	
20	Zoo	687216.8	4864835.3	1.11E+01	4.66E-03	1.60E-05	4.80E-06	9.46E-06	2.15E-03	1.57E-04	1.24E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	
21	Cedar Crest Beach	686652.1	4861660.9	2.03E+01	8.49E-03	2.91E-05	8.77E-06	1.73E-05	2.17E-03	1.61E-04	2.27E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.82E-03	3.30E-04	2.35E-04	3.30E-04	
22	Darlington Prov Park Beach	677844.6	4859718.2	2.89E+01	1.21E-02	4.15E-05	1.25E-05	2.46E-05	2.18E-03	1.64E-04	3.23E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.03E-03	3.30E-04	2.36E-04	3.30E-04	
23	OPG 1	682258.1	4860045.0	3.41E+01	1.43E-02	4.90E-05	1.48E-05	2.91E-05	2.19E-03	1.61E-04	3.82E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.16E-03	3.30E-04	2.36E-04	3.30E-04	
24	OPG 2	682551.4	4859889.1	3.19E+01	1.34E-02	4.59E-05	1.38E-05	2.72E-05	2.19E-03	1.66E-04	3.57E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.11E-03	3.30E-04	2.36E-04	3.30E-04	
25	OPG 3	682824.6	4859759.3	2.82E+01	1.18E-02	4.05E-05	1.22E-05	2.40E-05	2.18E-03	1.64E-04	3.15E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.01E-03	3.30E-04	2.36E-04	3.30E-04	
26	OPG 4	683021.6	4859937.3	2.76E+01	1.16E-02	3.97E-05	1.20E-05	2.35E-05	2.18E-03	1.64E-04	3.09E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.00E-03	3.30E-04	2.36E-04	3.30E-04	
27	OPG 5	683318.2	4859677.8	2.26E+01	9.48E-03	3.25E-05	9.79E-06	1.93E-05	2.17E-03	1.62E-04	2.53E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.88E-03	3.30E-04	2.35E-04	3.30E-04	
28	OPG 6	683306.9	4860023.0	3.42E+01	1.43E-02	4.91E-05	1.48E-05	2.91E-05	2.19E-03	1.67E-04	3.82E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.16E-03	3.30E-04	2.36E-04	3.30E-04	
29	OPG 7	683718.6	4859915.8	2.35E+01	9.85E-03	3.37E-05	1.02E-05	2.00E-05	2.17E-03	1.62E-04	2.63E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.90E-03	3.30E-04	2.35E-04	3.30E-04	
30	OPG 8	682702.0	4859998.6	2.66E+01	1.12E-02	3.83E-05	1.15E-05	2.27E-05	2.18E-03	1.63E-04	2.98E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.98E-03	3.30E-04	2.36E-04	3.30E-04	
31	OPG 9	684347.7	4861184.6	2.04E+01	8.55E-03	2.93E-05	8.82E-06	1.74E-05	2.17E-03	1.61E-04	2.28E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.82E-03	3.30E-04	2.35E-04	3.30E-04	
32	OPG 10	682157.2	4861228.2	5.01E+01	2.10E-02	7.19E-05	2.17E-05	4.26E-05	2.22E-03	1.73E-04	5.60E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.41E-04	3.38E-04	1.89E-04	1.66E-04	3.33E-04	4.55E-03	3.30E-04	2.36E-04	3.30E-04	
33	St. Mary's 1	684557.0	4861070.0	2.77E+01	1.16E-02	3.99E-05	1.20E-05	2.36E-05	2.18E-03	1.64E-04	3.10E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.00E-03	3.30E-04	2.36E-04	3.30E-04	
34	St. Mary's 2	684657.3	4861320.8	1.84E+01	7.72E-03	2.65E-05	7.97E-06	1.57E-05	2.16E-03																		



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene
		(m)	(m)	(ug/m3)	(ug/m3)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07	
55	Bow. Subdivision 10	685266.0	4863243.1	1.78E+01	7.45E-03	2.55E-05	7.68E-06	1.51E-05	2.16E-03	1.60E-04	1.99E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.76E-03	3.30E-04	2.35E-04	3.30E-04	
56	Osh/Court Subdivision 1	677396.8	4860977.3	3.96E+01	1.66E-02	5.69E-05	1.71E-05	3.37E-05	2.20E-03	1.69E-04	4.43E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.30E-03	3.30E-04	2.36E-04	3.30E-04	
57	Osh/Court Subdivision 2	676633.5	4860816.8	2.72E+01	1.14E-02	3.91E-05	1.18E-05	2.32E-05	2.18E-03	1.64E-04	3.04E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	3.99E-03	3.30E-04	2.36E-04	3.30E-04	
58	Osh/Court Subdivision 3	676916.0	4861925.0	2.26E+01	9.49E-03	3.25E-05	9.79E-06	1.93E-05	2.17E-03	1.62E-04	2.53E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.88E-03	3.30E-04	2.35E-04	3.30E-04	
59	Osh/Court Subdivision 4	676730.5	4861317.1	2.23E+01	9.36E-03	3.21E-05	9.66E-06	1.90E-05	2.17E-03	1.62E-04	2.50E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.87E-03	3.30E-04	2.35E-04	3.30E-04	
60	Osh/Court Subdivision 5	676087.2	4861392.3	2.52E+01	1.06E-02	3.63E-05	1.09E-05	2.15E-05	2.18E-03	1.63E-04	2.82E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.94E-03	3.30E-04	2.36E-04	3.30E-04	
61	Osh/Court Subdivision 6	676177.1	4861722.2	2.57E+01	1.08E-02	3.69E-05	1.11E-05	2.19E-05	2.18E-03	1.63E-04	2.87E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.95E-03	3.30E-04	2.36E-04	3.30E-04	
62	Osh/Court Subdivision 7	675670.7	4861783.2	2.41E+01	1.01E-02	3.46E-05	1.04E-05	2.05E-05	2.17E-03	1.62E-04	2.69E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.80E-04	1.66E-04	3.32E-04	3.91E-03	3.30E-04	2.36E-04	3.30E-04	
63	Osh/Court Subdivision 8	676050.8	4862055.7	2.74E+01	1.15E-02	3.94E-05	1.18E-05	2.33E-05	2.18E-03	1.64E-04	3.06E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	3.99E-03	3.30E-04	2.36E-04	3.30E-04	
64	Osh/Court Subdivision 9	676636.9	4862134.3	2.36E+01	9.87E-03	3.39E-05	1.02E-05	2.01E-05	2.17E-03	1.62E-04	2.64E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.32E-04	3.90E-03	3.30E-04	2.35E-04	3.30E-04	
65	Osh/Court Subdivision 10	676571.3	4861634.8	2.13E+01	8.93E-03	3.06E-05	9.22E-06	1.81E-05	2.17E-03	1.61E-04	2.38E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.84E-03	3.30E-04	2.35E-04	3.30E-04	
66	Bow. Subdivision 11	684649.2	4863182.7	1.75E+01	7.35E-03	2.52E-05	7.58E-06	1.49E-05	2.16E-03	1.60E-04	1.96E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	
67	Daycare B	685172.4	4863933.1	1.18E+01	4.93E-03	1.69E-05	5.09E-06	1.00E-05	2.15E-03	1.57E-04	1.31E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	
68	Daycare C	685452.0	4863104.4	1.77E+01	7.43E-03	2.55E-05	7.66E-06	1.51E-05	2.16E-03	1.60E-04	1.98E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.76E-03	3.30E-04	2.35E-04	3.30E-04	
69	Daycare D	685527.7	4864693.3	1.34E+01	5.61E-03	1.92E-05	5.78E-06	1.14E-05	2.16E-03	1.58E-04	1.49E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.65E-03	3.30E-04	2.35E-04	3.30E-04	
70	Daycare E	685735.4	4864790.8	1.13E+01	4.75E-03	1.63E-05	4.90E-06	9.65E-06	2.15E-03	1.57E-04	1.27E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	
71	Daycare F	685520.3	4864854.3	1.38E+01	5.80E-03	1.98E-05	5.97E-06	1.18E-05	2.16E-03	1.58E-04	1.54E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	
72	Daycare G	685441.9	4864878.0	1.43E+01	6.00E-03	2.05E-05	6.18E-06	1.22E-05	2.16E-03	1.58E-04	1.60E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	
73	Daycare H	686364.8	4864707.8	1.18E+01	4.95E-03	1.70E-05	5.11E-06	1.01E-05	2.15E-03	1.57E-04	1.32E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	
74	Daycare I	685721.6	4865127.3	1.07E+01	4.51E-03	1.54E-05	4.65E-06	9.15E-06	2.15E-03	1.57E-04	1.20E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	
75	Daycare J	678256.3	4863565.4	6.04E+01	2.53E-02	8.68E-05	2.61E-05	5.14E-05	2.24E-03	1.78E-04	6.75E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.44E-04	3.39E-04	1.93E-04	1.67E-04	3.34E-04	4.81E-03	3.30E-04	2.37E-04	3.30E-04	
76	Daycare K	677694.1	4864043.7	2.10E+01	8.79E-03	3.01E-05	9.06E-06	1.78E-05	2.17E-03	1.61E-04	2.34E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.84E-03	3.30E-04	2.35E-04	3.30E-04	
77	Daycare L	676479.5	4862526.2	3.12E+01	1.31E-02	4.48E-05	1.35E-05	2.65E-05	2.19E-03	1.65E-04	3.49E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.09E-03	3.30E-04	2.36E-04	3.30E-04	
78	Daycare M	678320.9	4864763.5	1.64E+01	6.88E-03	2.36E-05	7.09E-06	1.40E-05	2.16E-03	1.59E-04	1.83E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.72E-03	3.30E-04	2.35E-04	3.30E-04	
79	Daycare N	678513.4	4865058.0	1.37E+01	5.72E-03	1.96E-05	5.91E-06	1.16E-05	2.16E-03	1.58E-04	1.53E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	
80	Daycare O	672788.7	4863936.6	1.40E+01	5.85E-03	2.01E-05	6.04E-06	1.19E-05	2.16E-03	1.58E-04	1.56E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	
81	Daycare P	673952.8	4863592.5	2.04E+01	8.54E-03	2.93E-05	8.81E-06	1.73E-05	2.17E-03	1.61E-04	2.28E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.82E-03	3.30E-04	2.35E-04	3.30E-04	
82	Daycare Q	671751.8	4864887.7	1.38E+01	5.78E-03	1.98E-05	5.96E-06	1.17E-05	2.16E-03	1.58E-04	1.54E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	
83	Daycare R	685714.4	4864667.4	1.23E+01	5.15E-03	1.77E-05	5.32E-06	1.05E-05	2.15E-03	1.57E-04	1.37E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.62E-03	3.30E-04	2.35E-04	3.30E-04	
84	Daycare S	684177.9	4863618.2	2.07E+01	8.66E-03	2.97E-05	8.94E-06	1.76E-05	2.17E-03	1.61E-04	2.31E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	
85	Daycare T	678423.6	4864480.4	1.92E+01	8.03E-03	2.75E-05	8.29E-06	1.63E-05	2.17E-03	1.60E-04	2.14E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.79E-03	3.30E-04	2.35E-04	3.30E-04	
86	Daycare U	685330.5	4863435.1	1.95E+01	8.16E-03	2.80E-05	8.43E-06	1.66E-05	2.17E-03	1.60E-04	2.18E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.80E-03	3.30E-04	2.35E-04	3.30E-04	
87	Daycare V	685153.2	4863236.9	2.06E+01	8.65E-03	2.96E-05	8.92E-06	1.76E-05	2.17E-03	1.61E-04	2.31E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	
88	Daycare W	672679.0	4862044.9	1.06E+01	4.46E-03	1.53E-05	4.60E-06	9.05E-06	2.15E-03	1.57E-04	1.19E																

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene
		(m)	(m)	(ug/m3)	(ug/m3)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07	
112	Hospital	671712.7	4862364.1	8.17E+00	3.42E-03	1.17E-05	3.53E-06	6.95E-06	2.15E-03	1.56E-04	9.13E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	
113	Retirement Residence A	684199.9	4864120.3	2.19E+01	9.18E-03	3.15E-05	9.49E-06	1.87E-05	2.17E-03	1.61E-04	2.45E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.86E-03	3.30E-04	2.35E-04	3.30E-04	
114	Retirement Residence B	685483.9	4865150.9	1.22E+01	5.11E-03	1.75E-05	5.27E-06	1.04E-05	2.15E-03	1.57E-04	1.36E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.62E-03	3.30E-04	2.35E-04	3.30E-04	
115	Retirement Residence C	686844.0	4864732.1	1.23E+01	5.17E-03	1.77E-05	5.33E-06	1.05E-05	2.15E-03	1.57E-04	1.38E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.62E-03	3.30E-04	2.35E-04	3.30E-04	
116	Retirement Residence D	673481.7	4863343.4	1.76E+01	7.38E-03	2.53E-05	7.61E-06	1.50E-05	2.16E-03	1.60E-04	1.97E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	
117	Retirement Residence E	671825.2	4864399.0	1.37E+01	5.72E-03	1.96E-05	5.90E-06	1.16E-05	2.16E-03	1.58E-04	1.53E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	
118	Retirement Residence F	671606.3	4864536.0	1.36E+01	5.70E-03	1.95E-05	5.88E-06	1.16E-05	2.16E-03	1.58E-04	1.52E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.65E-03	3.30E-04	2.35E-04	3.30E-04	
119	Retirement Residence G	671357.1	4862958.7	8.76E+00	3.67E-03	1.26E-05	3.79E-06	7.46E-06	2.15E-03	1.56E-04	9.80E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	
120	Retirement Residence H	671514.0	4862262.9	7.78E+00	3.26E-03	1.12E-05	3.36E-06	6.62E-06	2.15E-03	1.55E-04	8.70E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	
121	Retirement Residence I	672602.2	4863075.9	1.11E+01	4.65E-03	1.59E-05	4.80E-06	9.45E-06	2.15E-03	1.57E-04	1.24E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	
122	Retirement Residence J	671719.1	4862893.1	8.88E+00	3.72E-03	1.28E-05	3.84E-06	7.56E-06	2.15E-03	1.56E-04	9.93E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	
123	Retirement Residence K	686718.0	4865648.7	8.71E+00	3.65E-03	1.25E-05	3.77E-06	7.41E-06	2.15E-03	1.56E-04	9.74E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	
124	Retirement Residence L	676168.7	4865669.9	1.48E+01	6.19E-03	2.12E-05	6.39E-06	1.26E-05	2.16E-03	1.58E-04	1.65E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.68E-03	3.30E-04	2.35E-04	3.30E-04	
125	Retirement Residence M	676118.5	4863980.7	1.88E+01	7.89E-03	2.70E-05	8.14E-06	1.60E-05	2.17E-03	1.60E-04	2.11E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.78E-03	3.30E-04	2.35E-04	3.30E-04	
126	Bow. Subdivision 12	684649.2	4863182.7	1.75E+01	7.35E-03	2.52E-05	7.58E-06	1.49E-05	2.16E-03	1.60E-04	1.96E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	
127	Primary School B	685384.8	4863575.3	1.80E+01	7.54E-03	2.58E-05	7.78E-06	1.53E-05	2.16E-03	1.60E-04	2.01E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.76E-03	3.30E-04	2.35E-04	3.30E-04	
128	Primary School C	685021.6	4863952.9	1.44E+01	6.03E-03	2.07E-05	6.22E-06	1.22E-05	2.16E-03	1.58E-04	1.61E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	
129	Primary School D	686237.0	4864085.5	1.44E+01	6.04E-03	2.07E-05	6.23E-06	1.23E-05	2.16E-03	1.58E-04	1.61E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	
130	Primary School E	686719.0	4863734.7	1.14E+01	4.79E-03	1.64E-05	4.95E-06	9.74E-06	2.15E-03	1.57E-04	1.28E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	
131	Primary School F	686357.0	4864754.9	1.16E+01	4.84E-03	1.66E-05	5.00E-06	9.84E-06	2.15E-03	1.57E-04	1.29E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	
132	Primary School G	685502.0	4865013.4	1.27E+01	5.33E-03	1.82E-05	5.49E-06	1.08E-05	2.16E-03	1.58E-04	1.42E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	
133	Primary School H	686726.7	4866061.5	8.32E+00	3.49E-03	1.20E-05	3.60E-06	7.08E-06	2.15E-03	1.56E-04	9.30E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	
134	Primary School I	685186.2	4866568.2	2.37E+01	9.92E-03	3.40E-05	1.02E-05	2.02E-05	2.17E-03	1.62E-04	2.65E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.80E-04	1.66E-04	3.32E-04	3.90E-03	3.30E-04	2.35E-04	3.30E-04	
135	Primary School J	685965.3	4866979.0	1.09E+01	4.57E-03	1.57E-05	4.72E-06	9.28E-06	2.15E-03	1.57E-04	1.22E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	
136	Primary School K	677709.9	4864726.5	1.66E+01	6.95E-03	2.38E-05	7.17E-06	1.41E-05	2.16E-03	1.59E-04	1.85E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.73E-03	3.30E-04	2.35E-04	3.30E-04	
137	Primary School L	675988.3	4864270.2	1.63E+01	6.85E-03	2.35E-05	7.06E-06	1.39E-05	2.16E-03	1.59E-04	1.83E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.72E-03	3.30E-04	2.35E-04	3.30E-04	
138	Primary School M	676608.7	4862739.0	2.10E+01	8.82E-03	3.02E-05	9.10E-06	1.79E-05	2.17E-03	1.61E-04	2.35E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.66E-04	3.31E-04	3.84E-03	3.30E-04	2.35E-04	3.30E-04	
139	Primary School N	677222.2	4863759.1	2.45E+01	1.03E-02	3.53E-05	1.06E-05	2.09E-05	2.18E-03	1.63E-04	2.74E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.92E-03	3.30E-04	2.36E-04	3.30E-04	
140	Primary School O	678154.9	4863872.7	3.63E+01	1.52E-02	5.22E-05	1.57E-05	3.09E-05	2.20E-03	1.68E-04	4.06E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.85E-04	1.66E-04	3.32E-04	4.22E-03	3.30E-04	2.36E-04	3.30E-04	
141	Court. Subdivision 12	678309.6	4863600.8	5.57E+01	2.33E-02	8.00E-05	2.41E-05	4.74E-05	2.23E-03	1.76E-04	6.22E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.91E-04	1.66E-04	3.34E-04	4.69E-03	3.30E-04	2.36E-04	3.30E-04	
142	Primary School Q	677010.6	4862470.6	2.42E+01	1.02E-02	3.48E-05	1.05E-05	2.06E-05	2.17E-03	1.62E-04	2.71E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.92E-03	3.30E-04	2.36E-04	3.30E-04	
143	Primary School R	677431.3	4866694.7	1.04E+01	4.37E-03	1.50E-05	4.51E-06	8.88E-06	2.15E-03	1.57E-04	1.17E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	
144	Primary School S	675266.2	4863562.9	2.17E+01	9.09E-03	3.11E-05	9.37E-06	1.85E-05	2.17E-03	1.61E-04	2.42E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.85E-03	3.30E-04	2.35E-04	3.30E-04	
145	Primary School T	673479.2	4860029.4	9.97E+00	4.18E-03	1.43E-05	4.31E-06	8.49E-06	2.15E-03	1.56E-04	1																

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene
		(m)	(m)	(ug/m3)	(ug/m3)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07	
169	Primary School RR	671351.4	4863284.0	8.38E+00	3.51E-03	1.20E-05	3.62E-06	7.14E-06	2.15E-03	1.56E-04	9.37E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	
170	Primary School SS	673213.9	4862125.5	1.69E+01	7.10E-03	2.43E-05	7.32E-06	1.44E-05	2.16E-03	1.59E-04	1.89E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.74E-03	3.30E-04	2.35E-04	3.30E-04	
171	Primary School TT	671017.9	4860953.7	5.67E+00	2.37E-03	8.14E-06	2.45E-06	4.83E-06	2.14E-03	1.55E-04	6.34E-06	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	
172	Primary School UU	670991.0	4861089.8	5.54E+00	2.32E-03	7.96E-06	2.40E-06	4.72E-06	2.14E-03	1.54E-04	6.20E-06	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.46E-03	3.30E-04	2.35E-04	3.30E-04	
173	Primary School VV	674150.1	4862294.8	1.95E+01	8.17E-03	2.80E-05	8.43E-06	1.66E-05	2.17E-03	1.60E-04	2.18E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.80E-03	3.30E-04	2.35E-04	3.30E-04	
174	Primary School WW	672005.2	4861707.9	8.88E+00	3.72E-03	1.28E-05	3.84E-06	7.56E-06	2.15E-03	1.56E-04	9.93E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	
175	Primary School XX	684172.1	4863615.6	2.08E+01	8.73E-03	2.99E-05	9.01E-06	1.77E-05	2.17E-03	1.61E-04	2.33E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	
176	Primary School YY	683923.3	4866636.4	1.31E+01	5.48E-03	1.88E-05	5.65E-06	1.11E-05	2.16E-03	1.58E-04	1.46E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	
177	Primary School ZZ	680446.0	4865770.5	1.29E+01	5.39E-03	1.85E-05	5.57E-06	1.10E-05	2.16E-03	1.58E-04	1.44E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	
178	Vacant School	685612.9	4864520.0	1.24E+01	5.20E-03	1.78E-05	5.36E-06	1.06E-05	2.15E-03	1.57E-04	1.39E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	
179	Secondary School A	686291.4	4865064.3	1.14E+01	4.78E-03	1.64E-05	4.93E-06	9.71E-06	2.15E-03	1.57E-04	1.27E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	
180	Secondary School B	683875.0	4864741.7	1.69E+01	7.07E-03	2.42E-05	7.30E-06	1.44E-05	2.16E-03	1.59E-04	1.89E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.74E-03	3.30E-04	2.35E-04	3.30E-04	
181	Secondary School C	684650.3	4866460.3	1.23E+01	5.16E-03	1.77E-05	5.32E-06	1.05E-05	2.15E-03	1.57E-04	1.38E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.62E-03	3.30E-04	2.35E-04	3.30E-04	
182	Secondary School D	678099.5	4864838.2	1.45E+01	6.09E-03	2.09E-05	6.29E-06	1.24E-05	2.16E-03	1.58E-04	1.62E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.68E-03	3.30E-04	2.35E-04	3.30E-04	
183	Secondary School E	678467.0	4863431.2	3.66E+01	1.53E-02	5.25E-05	1.58E-05	3.11E-05	2.20E-03	1.68E-04	4.09E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.36E-04	1.85E-04	1.66E-04	3.32E-04	4.22E-03	3.30E-04	2.36E-04	3.30E-04	
184	Secondary School F	674144.9	4862762.7	2.07E+01	8.69E-03	2.98E-05	8.97E-06	1.76E-05	2.17E-03	1.61E-04	2.32E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	
185	Secondary School G	673816.0	4864357.1	1.25E+01	5.23E-03	1.79E-05	5.39E-06	1.06E-05	2.15E-03	1.57E-04	1.39E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	
186	Secondary School H	673145.4	4858569.0	8.90E+00	3.73E-03	1.28E-05	3.85E-06	7.58E-06	2.15E-03	1.56E-04	9.95E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	
187	Secondary School I	671291.7	4863581.3	1.01E+01	4.24E-03	1.45E-05	4.37E-06	8.60E-06	2.15E-03	1.56E-04	1.13E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	
188	Secondary School J	671443.2	4861664.9	9.04E+00	3.79E-03	1.30E-05	3.91E-06	7.69E-06	2.15E-03	1.56E-04	1.01E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	
189	Secondary School K	673235.3	4860885.0	1.05E+01	4.41E-03	1.51E-05	4.55E-06	8.95E-06	2.15E-03	1.57E-04	1.18E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	
190	Secondary School L	684252.7	4866500.5	1.49E+01	6.25E-03	2.14E-05	6.45E-06	1.27E-05	2.16E-03	1.57E-04	1.67E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.69E-03	3.30E-04	2.35E-04	3.30E-04	
191	Secondary School M	673914.1	4859551.7	1.43E+01	5.97E-03	2.05E-05	6.16E-06	1.21E-05	2.16E-03	1.58E-04	1.59E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	
192	Secondary School N	675051.5	4864177.2	1.19E+01	4.98E-03	1.71E-05	5.14E-06	1.01E-05	2.15E-03	1.57E-04	1.33E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	
193	Adult School	685276.1	4866019.8	1.31E+01	5.48E-03	1.88E-05	5.66E-06	1.11E-05	2.16E-03	1.58E-04	1.46E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	
194	Bow. Valley Cons. 1	685356.6	4864521.2	1.52E+01	6.37E-03	2.18E-05	6.57E-06	1.29E-05	2.16E-03	1.59E-04	1.70E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.69E-03	3.30E-04	2.35E-04	3.30E-04	
195	Bow. Valley Cons. 2	685627.7	4864167.8	1.15E+01	4.80E-03	1.65E-05	4.96E-06	9.76E-06	2.15E-03	1.57E-04	1.28E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	
196	Bow. Valley Cons. 4	685852.7	4863640.2	1.54E+01	6.45E-03	2.21E-05	6.65E-06	1.31E-05	2.16E-03	1.59E-04	1.72E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	
197	Bow. Valley Cons. 5	686163.1	4863621.5	1.30E+01	5.44E-03	1.86E-05	5.61E-06	1.10E-05	2.16E-03	1.58E-04	1.45E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	
198	Bow. Valley Cons. 6	685931.9	4863380.6	1.38E+01	5.77E-03	1.98E-05	5.95E-06	1.17E-05	2.16E-03	1.58E-04	1.54E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.66E-03	3.30E-04	2.35E-04	3.30E-04	
199	Maple Grove 1	681688.5	4864717.0	2.47E+01	1.03E-02	3.54E-05	1.07E-05	2.10E-05	2.18E-03	1.63E-04	2.76E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.93E-03	3.30E-04	2.36E-04	3.30E-04	
200	Maple Grove 2	681768.9	4864631.8	2.44E+01	1.02E-02	3.50E-05	1.05E-05	2.07E-05	2.17E-03	1.62E-04	2.72E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.92E-03	3.30E-04	2.36E-04	3.30E-04	
201	Maple Grove 3	681894.9	4864506.8	2.34E+01	9.81E-03	3.36E-05	1.01E-05	1.99E-05	2.17E-03	1.62E-04	2.62E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.90E-03	3.30E-04	2.35E-04	3.30E-04	
202	Maple Grove 4	681974.8	4864443.2	2.57E+01	1.08E-02	3.70E-05	1.11E-05	2.19E-05	2.18E-03	1.63E																	



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene
		(m)	(m)	(ug/m3)	(ug/m3)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07	
226	Campground 7	678723.9	4860201.8	4.22E+01	1.77E-02	6.06E-05	1.82E-05	3.59E-05	2.21E-03	1.70E-04	4.72E-05	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.87E-04	1.66E-04	3.33E-04	4.36E-03	3.30E-04	2.36E-04	3.30E-04	
227	Campground 8	678796.0	4860011.4	5.05E+01	2.12E-02	7.26E-05	2.19E-05	4.30E-05	2.22E-03	1.74E-04	5.65E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.41E-04	3.38E-04	1.89E-04	1.66E-04	3.33E-04	4.57E-03	3.30E-04	2.36E-04	3.30E-04	
228	Campground 9	678852.7	4859854.2	3.59E+01	1.51E-02	5.16E-05	1.55E-05	3.06E-05	2.19E-03	1.67E-04	4.02E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.21E-03	3.30E-04	2.36E-04	3.30E-04	
229	Solina 1	681099.6	4861677.2	5.28E+01	2.21E-02	7.59E-05	2.28E-05	4.50E-05	2.22E-03	1.75E-04	5.91E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.42E-04	3.38E-04	1.90E-04	1.66E-04	3.34E-04	4.62E-03	3.30E-04	2.36E-04	3.30E-04	
230	Solina 2	681115.7	4861857.7	4.25E+01	1.78E-02	6.11E-05	1.84E-05	3.62E-05	2.21E-03	1.70E-04	4.75E-05	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.40E-04	3.36E-04	1.87E-04	1.66E-04	3.33E-04	4.37E-03	3.30E-04	2.36E-04	3.30E-04	
231	Solina 3	680987.4	4861983.5	3.53E+01	1.48E-02	5.08E-05	1.53E-05	3.01E-05	2.19E-03	1.67E-04	3.95E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.19E-03	3.30E-04	2.36E-04	3.30E-04	
232	Solina 4	680965.0	4862068.1	3.66E+01	1.54E-02	5.26E-05	1.58E-05	3.12E-05	2.20E-03	1.68E-04	4.10E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.36E-04	1.85E-04	1.66E-04	3.32E-04	4.22E-03	3.30E-04	2.36E-04	3.30E-04	
233	Solina 5	681021.5	4862086.7	3.19E+01	1.34E-02	4.59E-05	1.38E-05	2.72E-05	2.19E-03	1.66E-04	3.57E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.11E-03	3.30E-04	2.36E-04	3.30E-04	
234	Solina 6	680939.8	4862124.3	3.87E+01	1.62E-02	5.57E-05	1.68E-05	3.30E-05	2.20E-03	1.69E-04	4.33E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.85E-04	1.66E-04	3.33E-04	4.27E-03	3.30E-04	2.36E-04	3.30E-04	
235	Solina 7	680988.2	4862183.6	3.54E+01	1.48E-02	5.08E-05	1.53E-05	3.01E-05	2.19E-03	1.67E-04	3.96E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.19E-03	3.30E-04	2.36E-04	3.30E-04	
236	Solina 8	680984.6	4862209.8	3.59E+01	1.51E-02	5.16E-05	1.55E-05	3.06E-05	2.19E-03	1.67E-04	4.02E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.20E-03	3.30E-04	2.36E-04	3.30E-04	
237	Solina 9	680958.6	4862294.9	3.58E+01	1.50E-02	5.14E-05	1.55E-05	3.05E-05	2.19E-03	1.67E-04	4.00E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.20E-03	3.30E-04	2.36E-04	3.30E-04	
238	Solina 10	680858.0	4862324.3	3.35E+01	1.40E-02	4.81E-05	1.45E-05	2.85E-05	2.19E-03	1.66E-04	3.74E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.14E-03	3.30E-04	2.36E-04	3.30E-04	
239	Solina 11	680990.3	4862403.5	3.37E+01	1.41E-02	4.84E-05	1.46E-05	2.87E-05	2.19E-03	1.66E-04	3.77E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.15E-03	3.30E-04	2.36E-04	3.30E-04	
240	Recreational 1	681545.0	4860865.0	3.92E+01	1.64E-02	5.63E-05	1.70E-05	3.34E-05	2.20E-03	1.69E-04	4.38E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.29E-03	3.30E-04	2.36E-04	3.30E-04	
241	Recreational 2	681563.7	4860687.4	5.59E+01	2.34E-02	8.03E-05	2.42E-05	4.76E-05	2.23E-03	1.76E-04	6.25E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.91E-04	1.66E-04	3.34E-04	4.70E-03	3.30E-04	2.37E-04	3.30E-04	
242	Recreational 3	681579.7	4860610.0	5.72E+01	2.39E-02	8.21E-05	2.47E-05	4.87E-05	2.23E-03	1.76E-04	6.39E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.92E-04	1.67E-04	3.34E-04	4.73E-03	3.30E-04	2.37E-04	3.30E-04	
243	Recreational 6	681876.6	4860254.4	6.28E+01	2.63E-02	9.02E-05	2.72E-05	5.35E-05	2.24E-03	1.79E-04	7.02E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.44E-04	3.40E-04	1.94E-04	1.67E-04	3.34E-04	4.87E-03	3.30E-04	2.37E-04	3.30E-04	
244	Recreational 7	682166.9	4860324.4	5.51E+01	2.31E-02	7.92E-05	2.38E-05	4.69E-05	2.23E-03	1.76E-04	6.16E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.42E-04	3.38E-04	1.91E-04	1.66E-04	3.34E-04	4.68E-03	3.30E-04	2.36E-04	3.30E-04	
245	Darlington 1	679565.4	4861052.9	7.64E+01	3.20E-02	1.10E-04	3.30E-05	6.50E-05	2.26E-03	1.85E-04	8.54E-05	7.62E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.66E-04	3.47E-04	3.42E-04	1.98E-04	1.67E-04	3.35E-04	5.20E-03	3.30E-04	2.37E-04	3.30E-04	
246	Darlington 2	679452.9	4861051.4	5.97E+01	2.50E-02	8.58E-05	2.58E-05	5.08E-05	2.24E-03	1.78E-04	6.67E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.93E-04	1.67E-04	3.34E-04	4.79E-03	3.30E-04	2.37E-04	3.30E-04	
247	Darlington 3	679130.5	4860948.8	5.72E+01	2.40E-02	8.22E-05	2.47E-05	4.87E-05	2.23E-03	1.76E-04	6.40E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.92E-04	1.67E-04	3.34E-04	4.73E-03	3.30E-04	2.37E-04	3.30E-04	
248	Darlington 4	679112.6	4860941.9	5.80E+01	2.43E-02	8.33E-05	2.51E-05	4.94E-05	2.23E-03	1.77E-04	6.48E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.92E-04	1.67E-04	3.34E-04	4.75E-03	3.30E-04	2.37E-04	3.30E-04	
249	Darlington 5	679057.6	4860994.1	5.49E+01	2.30E-02	7.89E-05	2.38E-05	4.68E-05	2.23E-03	1.76E-04	6.14E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.42E-04	3.38E-04	1.91E-04	1.66E-04	3.34E-04	4.67E-03	3.30E-04	2.36E-04	3.30E-04	
250	Darlington 6	679075.2	4860931.6	5.86E+01	2.45E-02	8.41E-05	2.53E-05	4.99E-05	2.23E-03	1.77E-04	6.55E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.92E-04	1.67E-04	3.34E-04	4.76E-03	3.30E-04	2.37E-04	3.30E-04	
251	Darlington 7	678814.3	4860843.1	5.76E+01	2.42E-02	8.28E-05	2.49E-05	4.90E-05	2.23E-03	1.77E-04	6.44E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.92E-04	1.67E-04	3.34E-04	4.74E-03	3.30E-04	2.37E-04	3.30E-04	
252	Darlington 8	678840.4	4860777.1	6.09E+01	2.55E-02	8.74E-05	2.63E-05	5.18E-05	2.24E-03	1.78E-04	6.80E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.44E-04	3.39E-04	1.93E-04	1.67E-04	3.34E-04	4.82E-03	3.30E-04	2.37E-04	3.30E-04	
253	Light Ind. 1	680000.1	4861034.1	5.61E+01	2.35E-02	8.06E-05	2.43E-05	4.78E-05	2.23E-03	1.76E-04	6.28E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.91E-04	1.66E-04	3.34E-04	4.70E-03	3.30E-04	2.37E-04	3.30E-04	
254	Light Ind. 2	680060.7	4861056.4	6.22E+01	2.60E-02	8.93E-05	2.69E-05	5.29E-05	2.24E-03	1.79E-04	6.95E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.44E-04	3.40E-04	1.93E-04	1.67E-04	3.34E-04	4.85E-03	3.30E-04	2.37E-04	3.30E-04	
255	Light Ind. 3	680291.2	4861151.6	6.55E+01	2.75E-02	9.42E-05	2.83E-05	5.58E-05	2.25E-03	1.80E-04	7.33E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.45E-04	3.40E-04	1.95E-04	1.67E-04	3.35E-04	4.94E-03	3.30E-04	2.37E-04	3.30E-04	
256	Light Ind. 4	680536.3	4861204.6	5.00E+01	2.09E-02	7.18E-05	2.16E-05	4.26E-05	2.22E-03	1.73E-04	5.59E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.41E-04	3.38E-04	1.89E-04	1.66E-04	3.33E-04	4.55E-03	3.30E-04	2.36E-04	3.30E-04	
257	Light Ind. 5	680350.4	4861290.6	5.97E+01	2.50E-02	8.58E-05	2.58E-05	5.09E-05	2.24E-03	1.78E-04	6.68E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.93E-04	1.67E-04	3.34E-04	4.79E-03	3.30E-04	2.37E-04	3.30E-04	
258	Light Ind. 6	680306.9	4861275.6	6.43E+01	2.70E-02	9.24E-05	2.78E-05	5.48E-05	2.24E-03	1.80E-04	7.19E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.44E-04	3.40E-04	1.94E-04	1.67E-04	3.34E-04	4.91E-03	3.30E-04	2.37E-04	3.30E-04	
259	Light Ind. 7	680267.2	4861262.4	6.72E+01	2.82E-02	9.66E-05	2.91E-05	5.72E-05	2.25E-03</																		



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene
		(m)	(m)	(ug/m3)	(ug/m3)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07	
283	Residence	680683.5	4861597.9	3.78E+01	1.58E-02	5.43E-05	1.63E-05	3.22E-05	2.20E-03	1.68E-04	4.22E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.36E-04	1.85E-04	1.66E-04	3.33E-04	4.25E-03	3.30E-04	2.36E-04	3.30E-04	
284	Business	680064.3	4861343.7	6.28E+01	2.63E-02	9.02E-05	2.72E-05	5.35E-05	2.24E-03	1.79E-04	7.02E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.44E-04	3.40E-04	1.94E-04	1.67E-04	3.34E-04	4.87E-03	3.30E-04	2.37E-04	3.30E-04	
285	Farmer	679680.1	4861213.5	6.41E+01	2.69E-02	9.21E-05	2.77E-05	5.46E-05	2.24E-03	1.79E-04	7.17E-05	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.44E-04	3.40E-04	1.94E-04	1.67E-04	3.34E-04	4.90E-03	3.30E-04	2.37E-04	3.30E-04	
286	Farmer	681344.8	4861792.9	4.26E+01	1.79E-02	6.12E-05	1.84E-05	3.62E-05	2.21E-03	1.70E-04	4.76E-05	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.40E-04	3.36E-04	1.87E-04	1.66E-04	3.33E-04	4.37E-03	3.30E-04	2.36E-04	3.30E-04	
287	Youth Centre	685644.2	4864814.8	1.23E+01	5.15E-03	1.76E-05	5.31E-06	1.05E-05	2.15E-03	1.57E-04	1.37E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.62E-03	3.30E-04	2.35E-04	3.30E-04	
288	Bowmanville Arena	685462.9	4864615.2	1.42E+01	5.95E-03	2.04E-05	6.13E-06	1.21E-05	2.16E-03	1.58E-04	1.58E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	
289	Bowmanville Rec Complex	684160.3	4864604.5	1.55E+01	6.51E-03	2.23E-05	6.72E-06	1.32E-05	2.16E-03	1.59E-04	1.74E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	
290	Recreation Complex	684586.6	4862406.3	1.81E+01	7.57E-03	2.60E-05	7.81E-06	1.54E-05	2.16E-03	1.60E-04	2.02E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.76E-03	3.30E-04	2.35E-04	3.30E-04	
291	Superdog Central	681487.7	4865723.3	1.11E+01	4.66E-03	1.60E-05	4.80E-06	9.45E-06	2.15E-03	1.57E-04	1.24E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	
292	Equestrian Centre	681567.1	4863670.7	3.51E+01	1.47E-02	5.04E-05	1.52E-05	2.99E-05	2.19E-03	1.67E-04	3.92E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.18E-03	3.30E-04	2.36E-04	3.30E-04	
293	Flea Market	678574.6	4862819.4	2.63E+01	1.10E-02	3.78E-05	1.14E-05	2.24E-05	2.18E-03	1.63E-04	2.94E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.97E-03	3.30E-04	2.36E-04	3.30E-04	
294	Equestrian Centre	680030.8	4867320.2	9.51E+00	3.99E-03	1.37E-05	4.11E-06	8.10E-06	2.15E-03	1.56E-04	1.06E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	
295	Courtice Community Complex	678099.3	4864629.8	1.36E+01	5.68E-03	1.95E-05	5.86E-06	1.15E-05	2.16E-03	1.58E-04	1.52E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.65E-03	3.30E-04	2.35E-04	3.30E-04	
296	Former Restaurant	679830.2	4860702.2	5.13E+01	2.15E-02	7.38E-05	2.22E-05	4.37E-05	2.22E-03	1.74E-04	5.74E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.42E-04	3.38E-04	1.90E-04	1.66E-04	3.33E-04	4.58E-03	3.30E-04	2.36E-04	3.30E-04	
297	Commercial	679364.8	4861016.0	5.25E+01	2.20E-02	7.54E-05	2.27E-05	4.47E-05	2.22E-03	1.74E-04	5.87E-05	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.42E-04	3.38E-04	1.90E-04	1.66E-04	3.34E-04	4.61E-03	3.30E-04	2.36E-04	3.30E-04	
298	GM Oshawa Headquarters	676418.3	4860463.7	2.83E+01	1.19E-02	4.07E-05	1.22E-05	2.41E-05	2.18E-03	1.64E-04	3.16E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.02E-03	3.30E-04	2.36E-04	3.30E-04	
299	Farm A?	682972.3	4862201.9	2.98E+01	1.25E-02	4.28E-05	1.29E-05	2.54E-05	2.18E-03	1.65E-04	3.33E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.05E-03	3.30E-04	2.36E-04	3.30E-04	
300	Farm B?	683546.9	4861959.7	2.41E+01	1.01E-02	3.46E-05	1.04E-05	2.05E-05	2.17E-03	1.62E-04	2.70E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.80E-04	1.66E-04	3.32E-04	3.91E-03	3.30E-04	2.36E-04	3.30E-04	
301	Farm C?	682547.5	4862321.1	2.81E+01	1.18E-02	4.04E-05	1.22E-05	2.39E-05	2.18E-03	1.64E-04	3.14E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.01E-03	3.30E-04	2.36E-04	3.30E-04	
302	Farm D?	683238.3	4862393.3	2.89E+01	1.21E-02	4.15E-05	1.25E-05	2.46E-05	2.18E-03	1.64E-04	3.23E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.03E-03	3.30E-04	2.36E-04	3.30E-04	
303	Farm E?	682512.6	4862858.0	3.70E+01	1.55E-02	5.31E-05	1.60E-05	3.15E-05	2.20E-03	1.68E-04	4.13E-05	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.36E-04	1.85E-04	1.66E-04	3.32E-04	4.23E-03	3.30E-04	2.36E-04	3.30E-04	
304	Farm F?	683129.1	4863649.4	2.47E+01	1.03E-02	3.54E-05	1.07E-05	2.10E-05	2.18E-03	1.63E-04	2.76E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.93E-03	3.30E-04	2.36E-04	3.30E-04	
305	Bennett 1	688209.3	4862512.1	1.00E+01	4.20E-03	1.44E-05	4.33E-06	8.53E-06	2.15E-03	1.56E-04	1.12E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	
306	Bennett 2	687990.0	4863221.3	9.41E+00	3.94E-03	1.35E-05	4.07E-06	8.01E-06	2.15E-03	1.56E-04	1.05E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	
307	Bennett 3	688818.4	4862836.3	7.94E+00	3.33E-03	1.14E-05	3.43E-06	6.75E-06	2.15E-03	1.56E-04	8.87E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	
308	Bennett 4	689045.1	4863365.5	9.18E+00	3.85E-03	1.32E-05	3.97E-06	7.81E-06	2.15E-03	1.56E-04	1.03E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	
309	Bennett 5	688270.5	4863763.1	8.99E+00	3.77E-03	1.29E-05	3.89E-06	7.65E-06	2.15E-03	1.56E-04	1.00E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	
310	Bennett 6	689908.5	4863100.5	6.81E+00	2.85E-03	9.79E-06	2.95E-06	5.80E-06	2.15E-03	1.55E-04	7.62E-06	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	
311	Bennett 7	688929.9	4864392.0	1.33E+01	5.58E-03	1.91E-05	5.76E-06	1.13E-05	2.16E-03	1.58E-04	1.49E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.65E-03	3.30E-04	2.35E-04	3.30E-04	
312	Bennett 8	689684.2	4863837.7	7.76E+00	3.25E-03	1.11E-05	3.35E-06	6.60E-06	2.15E-03	1.55E-04	8.67E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	
313	Soper 1	687557.9	4862512.4	1.11E+01	4.64E-03	1.59E-05	4.79E-06	9.43E-06	2.15E-03	1.57E-04	1.24E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	
314	Soper 2	687241.9	4863171.7	1.30E+01	5.47E-03	1.87E-05	5.64E-06	1.11E-05	2.16E-03	1.58E-04	1.46E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	
315	Soper 3	687023.2	4863903.8	1.10E+01	4.61E-03	1.58E-05	4.76E-06	9.37E-06	2.15E-03	1.57E-04	1.23E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	
316	Soper 4	688158.2	4865389.3	1.08E+01	4.51E-03	1.55E-05	4.66E-06	9.17E-06	2.15E-03	1.57E-04	1.20E-05	7.54E-04															

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene
		(m)	(m)	(ug/m3)	(ug/m3)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07	
340	F/B 1	677443.1	4867862.1	1.17E+01	4.89E-03	1.68E-05	5.06E-06	9.95E-06	2.15E-03	1.57E-04	1.31E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	
341	F/B 2	679667.4	4866611.4	1.25E+01	5.25E-03	1.80E-05	5.42E-06	1.07E-05	2.15E-03	1.57E-04	1.40E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	
342	F/B 3	678655.0	4867470.1	8.90E+00	3.73E-03	1.28E-05	3.85E-06	7.57E-06	2.15E-03	1.56E-04	9.95E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	
343	F/B 4	676191.2	4866844.7	9.01E+00	3.78E-03	1.29E-05	3.90E-06	7.67E-06	2.15E-03	1.56E-04	1.01E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	
344	F/B 5	678273.3	4866093.0	1.61E+01	6.76E-03	2.31E-05	6.97E-06	1.37E-05	2.16E-03	1.59E-04	1.80E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.72E-03	3.30E-04	2.35E-04	3.30E-04	
345	F/B 6	681241.2	4867098.8	1.14E+01	4.79E-03	1.64E-05	4.95E-06	9.73E-06	2.15E-03	1.57E-04	1.28E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	
346	F/B 7	682165.3	4868082.3	9.00E+00	3.77E-03	1.29E-05	3.89E-06	7.66E-06	2.15E-03	1.56E-04	1.01E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	
347	F/B 8	679366.6	4868628.3	1.06E+01	4.46E-03	1.53E-05	4.60E-06	9.06E-06	2.15E-03	1.57E-04	1.19E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	
348	F/B 9	680310.1	4869967.1	8.03E+00	3.37E-03	1.15E-05	3.47E-06	6.84E-06	2.15E-03	1.56E-04	8.98E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	
349	F/B 10	676487.3	4869291.6	8.02E+00	3.36E-03	1.15E-05	3.47E-06	6.83E-06	2.15E-03	1.56E-04	8.97E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	
350	F/B 11	676851.4	4865409.3	1.15E+01	4.80E-03	1.64E-05	4.95E-06	9.75E-06	2.15E-03	1.57E-04	1.28E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	
351	F/B 12	681153.3	4868682.2	8.32E+00	3.48E-03	1.19E-05	3.60E-06	7.08E-06	2.15E-03	1.56E-04	9.30E-06	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	
352	F/B 13	675416.3	4859833.9	1.34E+01	5.61E-03	1.92E-05	5.79E-06	1.14E-05	2.16E-03	1.58E-04	1.50E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.65E-03	3.30E-04	2.35E-04	3.30E-04	
353	Second 1	675153.4	4860552.8	2.49E+01	1.04E-02	3.58E-05	1.08E-05	2.12E-05	2.18E-03	1.63E-04	2.78E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.93E-03	3.30E-04	2.36E-04	3.30E-04	
354	Second 2	675297.5	4860891.3	2.47E+01	1.03E-02	3.54E-05	1.07E-05	2.10E-05	2.18E-03	1.63E-04	2.76E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.93E-03	3.30E-04	2.36E-04	3.30E-04	
355	Second 3	675647.2	4860644.9	2.90E+01	1.22E-02	4.17E-05	1.26E-05	2.47E-05	2.18E-03	1.64E-04	3.25E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.04E-03	3.30E-04	2.36E-04	3.30E-04	
356	Second 4	675670.5	4860076.5	1.72E+01	7.22E-03	2.48E-05	7.46E-06	1.47E-05	2.16E-03	1.59E-04	1.93E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.74E-03	3.30E-04	2.35E-04	3.30E-04	
357	Second 5	676043.3	4860319.1	2.51E+01	1.05E-02	3.61E-05	1.09E-05	2.14E-05	2.18E-03	1.63E-04	2.81E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.94E-03	3.30E-04	2.36E-04	3.30E-04	
358	Second 6	675923.4	4859821.4	1.62E+01	6.80E-03	2.33E-05	7.01E-06	1.38E-05	2.16E-03	1.59E-04	1.81E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.72E-03	3.30E-04	2.35E-04	3.30E-04	
359	McLaughlin Bay 1	676714.7	4860903.8	2.48E+01	1.04E-02	3.56E-05	1.07E-05	2.11E-05	2.18E-03	1.63E-04	2.77E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.93E-03	3.30E-04	2.36E-04	3.30E-04	
360	McLaughlin Bay 2	677310.8	4860528.2	3.03E+01	1.27E-02	4.35E-05	1.31E-05	2.58E-05	2.19E-03	1.65E-04	3.38E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.07E-03	3.30E-04	2.36E-04	3.30E-04	
361	McLaughlin Bay 3	676563.5	4860260.1	2.16E+01	9.03E-03	3.10E-05	9.32E-06	1.83E-05	2.17E-03	1.61E-04	2.41E-05	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.85E-03	3.30E-04	2.35E-04	3.30E-04	
362	McLaughlin Bay 4	676699.5	4859696.6	3.11E+01	1.31E-02	4.47E-05	1.35E-05	2.65E-05	2.19E-03	1.65E-04	3.48E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.09E-03	3.30E-04	2.36E-04	3.30E-04	
363	McLaughlin Bay 5	677560.0	4860060.1	2.05E+01	8.61E-03	2.95E-05	8.88E-06	1.75E-05	2.17E-03	1.61E-04	2.30E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	
364	McLaughlin Bay 6	678204.5	4859832.5	4.12E+01	1.73E-02	5.92E-05	1.78E-05	3.51E-05	2.20E-03	1.70E-04	4.61E-05	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.34E-03	3.30E-04	2.36E-04	3.30E-04	
365	Harmony Creek 1	674178.3	4861024.2	1.51E+01	6.32E-03	2.17E-05	6.53E-06	1.28E-05	2.16E-03	1.59E-04	1.69E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.69E-03	3.30E-04	2.35E-04	3.30E-04	
366	Harmony Creek 2	674592.0	4862605.3	2.45E+01	1.03E-02	3.52E-05	1.06E-05	2.09E-05	2.18E-03	1.63E-04	2.74E-05	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.92E-03	3.30E-04	2.36E-04	3.30E-04	
367	Harmony Creek 3	672863.4	4862808.0	9.87E+00	4.14E-03	1.42E-05	4.27E-06	8.40E-06	2.15E-03	1.56E-04	1.10E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	
368	Harmony Creek 4	675671.6	4864469.0	1.36E+01	5.69E-03	1.95E-05	5.87E-06	1.16E-05	2.16E-03	1.58E-04	1.52E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.65E-03	3.30E-04	2.35E-04	3.30E-04	
369	Harmony Creek 5	672443.1	4864713.0	1.41E+01	5.92E-03	2.03E-05	6.11E-06	1.20E-05	2.16E-03	1.58E-04	1.58E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	
370	Harmony Creek 6	674830.5	4866909.6	1.19E+01	4.98E-03	1.71E-05	5.14E-06	1.01E-05	2.15E-03	1.57E-04	1.33E-05	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	
371	Harmony Creek 7	675799.9	4868594.1	1.01E+01	4.24E-03	1.45E-05	4.38E-06	8.61E-06	2.15E-03	1.56E-04	1.13E-05	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	
372	Westside 1	686082.6	4862776.6	2.03E+01	8.51E-03	2.92E-05	8.79E-06	1.73E-05	2.17E-03	1.61E-04	2.27E-05	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.82E-03	3.30E-04	2.35E-04	3.30E-04	
373	Westside 2	685778.7	4862137.9	1.82E+01	7.62E-03	2.61E-05	7.86E-06	1.55E-05	2.16E-03																		

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene
		(m)	(m)	(ug/m3)	(ug/m3)	3.13E-06	1.42E-07					4.87E-06	3.66E-06	8.82E-07			1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05
1	Campground 10	678526.8	4859996.8	4.89E+01	2.05E-02	1.08E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.26E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.55E-03	3.30E-04	0.00E+00	6.08E-03	3.30E-04	6.30E-03	0.00E+00	7.08E-04	1.32E-03	5.31E-04	0.00E+00
2	ECO 2	675490.4	4860360.1	2.54E+01	1.07E-02	5.64E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.58E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.35E-04	0.00E+00
3	Recreational 5	681642.0	4860349.3	5.65E+01	2.36E-02	1.25E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.46E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.58E-03	3.30E-04	0.00E+00	6.11E-03	3.31E-04	6.31E-03	0.00E+00	7.11E-04	1.32E-03	5.62E-04	0.00E+00
4	ECO 4	676831.5	4859840.9	2.28E+01	9.57E-03	5.06E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.90E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.24E-04	0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0	1.39E+01	5.84E-03	3.08E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.60E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00
6	ECO 6	679647.8	4859989.3	4.91E+01	2.06E-02	1.09E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.27E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.55E-03	3.30E-04	0.00E+00	6.08E-03	3.30E-04	6.30E-03	0.00E+00	7.08E-04	1.32E-03	5.32E-04	0.00E+00
7	ECO 7	681578.8	4862070.1	3.90E+01	1.63E-02	8.64E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.01E-05	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.51E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.04E-04	1.32E-03	4.91E-04	0.00E+00
8	ECO 8	679735.5	4861048.6	8.62E+01	3.61E-02	1.91E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	2.23E-05	1.70E-04	3.30E-04	6.60E-03	3.24E-03	5.72E-03	3.30E-04	0.00E+00	6.21E-03	3.31E-04	6.33E-03	0.00E+00	7.24E-04	1.32E-03	6.85E-04	0.00E+00
9	ECO 9	687219.7	4864249.3	1.15E+01	4.80E-03	2.54E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.96E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00
10	ECO 10	686519.0	4861987.6	1.45E+01	6.09E-03	3.22E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.76E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.90E-04	0.00E+00
11	ECO 11	679870.4	4859737.9	3.91E+01	1.64E-02	8.67E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.01E-05	1.67E-04	3.30E-04	6.60E-03	3.21E-03	5.51E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.04E-04	1.32E-03	4.91E-04	0.00E+00
12	Recreational 4	681575.5	4860557.7	5.78E+01	2.41E-02	1.28E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.49E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.59E-03	3.30E-04	0.00E+00	6.11E-03	3.31E-04	6.31E-03	0.00E+00	7.12E-04	1.32E-03	5.68E-04	0.00E+00
13	Future Industrial 9	680704.5	4859857.8	9.72E+01	4.07E-02	2.15E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.50E-03	2.51E-05	1.71E-04	3.30E-04	6.60E-03	3.25E-03	5.77E-03	3.30E-04	0.00E+00	6.25E-03	3.31E-04	6.34E-03	0.00E+00	7.28E-04	1.32E-03	7.30E-04	0.00E+00
14	Future Industrial 10	680608.0	4860719.6	1.15E+02	4.81E-02	2.54E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.50E-03	2.97E-05	1.72E-04	3.30E-04	6.60E-03	3.27E-03	5.85E-03	3.30E-04	0.00E+00	6.31E-03	3.31E-04	6.35E-03	0.00E+00	7.36E-04	1.32E-03	8.02E-04	0.00E+00
15	Harmony Creek	673992.4	4865641.4	7.55E+00	3.16E-03	1.67E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.95E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.61E-04	0.00E+00
16	Farewell Creek	678079.2	4868822.7	8.78E+00	3.68E-03	1.95E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.27E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00
17	Farmer	681378.6	4860335.0	5.87E+01	2.46E-02	1.30E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.52E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.59E-03	3.30E-04	0.00E+00	6.12E-03	3.31E-04	6.31E-03	0.00E+00	7.12E-04	1.32E-03	5.72E-04	0.00E+00
18	Watson Farm	682883.4	4864219.7	2.09E+01	8.75E-03	4.63E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.40E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.16E-04	0.00E+00
19	Racanski Farm	678929.2	4865530.2	1.25E+01	5.26E-03	2.78E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.25E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.81E-04	0.00E+00
20	Zoo	687216.8	4864835.3	1.11E+01	4.66E-03	2.46E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.87E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9	2.03E+01	8.49E-03	4.49E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.24E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.13E-04	0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2	2.89E+01	1.21E-02	6.39E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.47E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.49E-04	0.00E+00
23	OPG 1	682258.1	4860045.0	3.41E+01	1.43E-02	7.56E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.83E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.70E-04	0.00E+00
24	OPG 2	682551.4	4859889.1	3.19E+01	1.34E-02	7.08E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.26E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.61E-04	0.00E+00
25	OPG 3	682824.6	4859759.3	2.82E+01	1.18E-02	6.25E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.29E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.46E-04	0.00E+00
26	OPG 4	683021.6	4859937.3	2.76E+01	1.16E-02	6.12E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.15E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.45E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.44E-04	0.00E+00
27	OPG 5	683318.2	4859677.8	2.26E+01	9.48E-03	5.01E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.85E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.23E-04	0.00E+00
28	OPG 6	683306.9	4860023.0	3.42E+01	1.43E-02	7.57E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.84E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.71E-04	0.00E+00
29	OPG 7	683718.6	4859915.8	2.35E+01	9.85E-03	5.20E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.08E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.27E-04	0.00E+00
30	OPG 8	682702.0	4859998.6	2.66E+01	1.12E-02	5.90E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.89E-06	1.67E-04	3.30E-04	6.60E-03	3.19E-03	5.45E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.40E-04	0.00E+00



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene
		(m)	(m)	(ug/m3)	(ug/m3)	3.13E-06	1.42E-07					4.87E-06	3.66E-06	8.82E-07			1.15E-05	6.36E-05		4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05	
55	Bow. Subdivision 10	685266.0	4863243.1	1.78E+01	7.45E-03	3.93E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.59E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.03E-04	0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3	3.96E+01	1.66E-02	8.78E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.03E-05	1.67E-04	3.30E-04	6.60E-03	3.21E-03	5.51E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.04E-04	1.32E-03	4.93E-04	0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8	2.72E+01	1.14E-02	6.03E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.04E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.45E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.42E-04	0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0	2.26E+01	9.49E-03	5.02E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.86E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.23E-04	0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1	2.23E+01	9.36E-03	4.95E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.78E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.22E-04	0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3	2.52E+01	1.06E-02	5.59E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.53E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.34E-04	0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2	2.57E+01	1.08E-02	5.69E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.65E-06	1.67E-04	3.30E-04	6.60E-03	3.19E-03	5.45E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.99E-04	1.32E-03	4.36E-04	0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2	2.41E+01	1.01E-02	5.33E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.22E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.29E-04	0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7	2.74E+01	1.15E-02	6.07E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.09E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.45E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.43E-04	0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3	2.36E+01	9.87E-03	5.22E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.10E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.27E-04	0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8	2.13E+01	8.93E-03	4.72E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.51E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.18E-04	0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7	1.75E+01	7.35E-03	3.88E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.53E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.02E-04	0.00E+00
67	Daycare B	685172.4	4863933.1	1.18E+01	4.93E-03	2.60E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.04E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00
68	Daycare C	685452.0	4863104.4	1.77E+01	7.43E-03	3.92E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.58E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.03E-04	0.00E+00
69	Daycare D	685527.7	4864693.3	1.34E+01	5.61E-03	2.96E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.46E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.93E-04	1.32E-03	3.85E-04	0.00E+00
70	Daycare E	685735.4	4864790.8	1.13E+01	4.75E-03	2.51E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.93E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00
71	Daycare F	685520.3	4864854.3	1.38E+01	5.80E-03	3.06E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.57E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00
72	Daycare G	685441.9	4864878.0	1.43E+01	6.00E-03	3.17E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.70E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00
73	Daycare H	686364.8	4864707.8	1.18E+01	4.95E-03	2.62E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.06E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00
74	Daycare I	685721.6	4865127.3	1.07E+01	4.51E-03	2.38E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.78E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.74E-04	0.00E+00
75	Daycare J	678256.3	4863565.4	6.04E+01	2.53E-02	1.34E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.56E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.60E-03	3.30E-04	0.00E+00	6.12E-03	3.31E-04	6.31E-03	0.00E+00	7.13E-04	1.32E-03	5.79E-04	0.00E+00
76	Daycare K	677694.1	4864043.7	2.10E+01	8.79E-03	4.64E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.42E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.16E-04	0.00E+00
77	Daycare L	676479.5	4862526.2	3.12E+01	1.31E-02	6.91E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.07E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.58E-04	0.00E+00
78	Daycare M	678320.9	4864763.5	1.64E+01	6.88E-03	3.63E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.24E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.97E-04	0.00E+00
79	Daycare N	678513.4	4865058.0	1.37E+01	5.72E-03	3.03E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.53E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.86E-04	0.00E+00
80	Daycare O	672788.7	4863936.6	1.40E+01	5.85E-03	3.10E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.62E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00
81	Daycare P	673952.8	4863592.5	2.04E+01	8.54E-03	4.51E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.27E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.14E-04	0.00E+00
82	Daycare Q	671751.8	4864887.7	1.38E+01	5.78E-03	3.05E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.56E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00
83	Daycare R	685714.4	4864667.4	1.23E+01	5.15E-03	2.72E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.18E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.80E-04	0.00E+00
84	Daycare S	684177.9	4863618.2	2.07E+01	8.66E-03	4.58E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.35E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.15E-04	0.00E+00
85	Daycare T	678423.6	4864480.4	1.92E+01	8.03E-03	4.25E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.96E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.09E-04	0.00E+00
86	Daycare U	685330.5	4863435.1	1.95E+01	8.16E-03	4.32E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.04E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.10E-04	0.00E+00
87	Daycare V	685153.2	4863236.9	2.06E+01	8.65E-03	4.57E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03</																



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene
		(m)	(m)	(ug/m3)	(ug/m3)	3.13E-06	1.42E-07					4.87E-06	3.66E-06	8.82E-07			1.15E-05	6.36E-05		4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05	
112	Hospital	671712.7	4862364.1	8.17E+00	3.42E-03	1.81E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.11E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00
113	Retirement Residence A	684199.9	4864120.3	2.19E+01	9.18E-03	4.86E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.67E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.20E-04	0.00E+00
114	Retirement Residence B	685483.9	4865150.9	1.22E+01	5.11E-03	2.70E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.15E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.80E-04	0.00E+00
115	Retirement Residence C	686844.0	4864732.1	1.23E+01	5.17E-03	2.73E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.19E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.81E-04	0.00E+00
116	Retirement Residence D	673481.7	4863343.4	1.76E+01	7.38E-03	3.90E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.55E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.02E-04	0.00E+00
117	Retirement Residence E	671825.2	4864399.0	1.37E+01	5.72E-03	3.02E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.53E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.86E-04	0.00E+00
118	Retirement Residence F	671606.3	4864536.0	1.36E+01	5.70E-03	3.01E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.52E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.86E-04	0.00E+00
119	Retirement Residence G	671357.1	4862958.7	8.76E+00	3.67E-03	1.94E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.27E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00
120	Retirement Residence H	671514.0	4862262.9	7.78E+00	3.26E-03	1.72E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.01E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00
121	Retirement Residence I	672602.2	4863075.9	1.11E+01	4.65E-03	2.46E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.87E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00
122	Retirement Residence J	671719.1	4862893.1	8.88E+00	3.72E-03	1.97E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.30E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00
123	Retirement Residence K	686718.0	4865648.7	8.71E+00	3.65E-03	1.93E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.25E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00
124	Retirement Residence L	676168.7	4865669.9	1.48E+01	6.19E-03	3.27E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.82E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.91E-04	0.00E+00
125	Retirement Residence M	676118.5	4863980.7	1.88E+01	7.89E-03	4.17E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.87E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.07E-04	0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7	1.75E+01	7.35E-03	3.88E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.53E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.02E-04	0.00E+00
127	Primary School B	685384.8	4863575.3	1.80E+01	7.54E-03	3.98E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.65E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.04E-04	0.00E+00
128	Primary School C	685021.6	4863952.9	1.44E+01	6.03E-03	3.19E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.19E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00
129	Primary School D	686237.0	4864085.5	1.44E+01	6.04E-03	3.19E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.73E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00
130	Primary School E	686719.0	4863734.7	1.14E+01	4.79E-03	2.53E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.96E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00
131	Primary School F	686357.0	4864754.9	1.16E+01	4.84E-03	2.56E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.99E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00
132	Primary School G	685502.0	4865013.4	1.27E+01	5.33E-03	2.81E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.28E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.82E-04	0.00E+00
133	Primary School H	686726.7	4866061.5	8.32E+00	3.49E-03	1.84E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.15E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00
134	Primary School I	685186.2	4866568.2	2.37E+01	9.92E-03	5.24E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.12E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.27E-04	0.00E+00
135	Primary School J	685965.3	4866979.0	1.09E+01	4.57E-03	2.41E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.82E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.75E-04	0.00E+00
136	Primary School K	677709.9	4864726.5	1.66E+01	6.95E-03	3.67E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.29E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.98E-04	0.00E+00
137	Primary School L	685988.3	4864270.2	1.63E+01	6.85E-03	3.62E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.22E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.97E-04	0.00E+00
138	Primary School M	676608.7	4862739.0	2.10E+01	8.82E-03	4.66E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.44E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.17E-04	0.00E+00
139	Primary School N	677222.2	4863759.1	2.45E+01	1.03E-02	5.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.35E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.31E-04	0.00E+00
140	Primary School O	678154.9	4863872.7	3.63E+01	1.52E-02	8.05E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.40E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.80E-04	0.00E+00
141	Court. Subdivision 12	678309.6	4863600.8	5.57E+01	2.33E-02	1.23E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.44E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.58E-03	3.30E-04	0.00E+00	6.11E-03	3.30E-04	6.31E-03	0.00E+00	7.11E-04	1.32E-03	5.59E-04	0.00E+00
142	Primary School Q	677010.6	4862470.6	2.42E+01	1.02E-02	5.37E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.27E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.30E-04	0.00E+00
143	Primary School R	677431.3	4866694.7	1.04E+01	4.37E-03	2.31E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.70E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.73E-04	0.00E+00
144	Primary School S	675266.2	4863562.9	2.17E+01	9.09E-03	4.80E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-																

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene
		(m)	(m)	(ug/m3)	(ug/m3)	3.13E-06	1.42E-07					4.87E-06	3.66E-06	8.82E-07			1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05
169	Primary School RR	671351.4	4863284.0	8.38E+00	3.51E-03	1.86E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.17E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00
170	Primary School SS	673213.9	4862125.5	1.69E+01	7.10E-03	3.75E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.38E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.00E-04	0.00E+00
171	Primary School TT	671017.9	4860953.7	5.67E+00	2.37E-03	1.26E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.47E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.53E-04	0.00E+00
172	Primary School UU	670991.0	4861089.8	5.54E+00	2.32E-03	1.23E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.43E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.53E-04	0.00E+00
173	Primary School VV	674150.1	4862294.8	1.95E+01	8.17E-03	4.32E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.04E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.10E-04	0.00E+00
174	Primary School WW	672005.2	4861707.9	8.88E+00	3.72E-03	1.97E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.30E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00
175	Primary School XX	684172.1	4863615.6	2.08E+01	8.73E-03	4.61E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.39E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.16E-04	0.00E+00
176	Primary School YY	683923.3	4866636.4	1.31E+01	5.48E-03	2.90E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.38E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.93E-04	1.32E-03	3.84E-04	0.00E+00
177	Primary School ZZ	680446.0	4865770.5	1.29E+01	5.39E-03	2.85E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.33E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.83E-04	0.00E+00
178	Vacant School	685612.9	4864520.0	1.24E+01	5.20E-03	2.75E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.21E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.81E-04	0.00E+00
179	Secondary School A	686291.4	4865064.3	1.14E+01	4.78E-03	2.53E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.95E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00
180	Secondary School B	683875.0	4864741.7	1.69E+01	7.07E-03	3.74E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.36E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.99E-04	0.00E+00
181	Secondary School C	684650.3	4866460.3	1.23E+01	5.16E-03	2.73E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.18E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.81E-04	0.00E+00
182	Secondary School D	678099.5	4864838.2	1.45E+01	6.09E-03	3.22E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.76E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.90E-04	0.00E+00
183	Secondary School E	678467.0	4863431.2	3.66E+01	1.53E-02	8.10E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.46E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.81E-04	0.00E+00
184	Secondary School F	674144.9	4862762.7	2.07E+01	8.69E-03	4.59E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.36E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.15E-04	0.00E+00
185	Secondary School G	673816.0	4864357.1	1.25E+01	5.23E-03	2.76E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.26E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.81E-04	0.00E+00
186	Secondary School H	673145.4	4858569.0	8.90E+00	3.73E-03	1.97E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.30E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00
187	Secondary School I	671291.7	4863581.3	1.01E+01	4.24E-03	2.24E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.61E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.71E-04	0.00E+00
188	Secondary School J	671443.2	4861664.9	9.04E+00	3.79E-03	2.00E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.34E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00
189	Secondary School K	673235.3	4860885.0	1.05E+01	4.41E-03	2.33E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.72E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.73E-04	0.00E+00
190	Secondary School L	684252.7	4866500.5	1.49E+01	6.25E-03	3.30E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.86E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.91E-04	0.00E+00
191	Secondary School M	673914.1	4859551.7	1.43E+01	5.97E-03	3.16E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.69E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00
192	Secondary School N	675051.5	4864177.2	1.19E+01	4.98E-03	2.63E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.07E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.79E-04	0.00E+00
193	Adult School	685276.1	4866019.8	1.31E+01	5.48E-03	2.90E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.38E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.93E-04	1.32E-03	3.84E-04	0.00E+00
194	Bow. Valley Cons. 1	685356.6	4864521.2	1.52E+01	6.37E-03	3.36E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.93E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.92E-04	0.00E+00
195	Bow. Valley Cons. 2	685627.7	4864167.8	1.15E+01	4.80E-03	2.54E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.97E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00
196	Bow. Valley Cons. 4	685852.7	4863640.2	1.54E+01	6.45E-03	3.41E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.98E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.93E-04	0.00E+00
197	Bow. Valley Cons. 5	686163.1	4863621.5	1.30E+01	5.44E-03	2.87E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.36E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.83E-04	0.00E+00
198	Bow. Valley Cons. 6	685931.9	4863380.6	1.38E+01	5.77E-03	3.05E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.56E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.87E-04	0.00E+00
199	Maple Grove 1	681688.5	4864717.0	2.47E+01	1.03E-02	5.46E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.38E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.31E-04	0.00E+00
200	Maple Grove 2	681768.9	4864631.8	2.44E+01	1.02E-02	5.39E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.30E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.30E-04	0.00E+00
201	Maple Grove 3	681894.9	4864506.8	2.34E+01	9.81E-03	5.19E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-0																	

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene
		(m)	(m)	(ug/m3)	(ug/m3)	3.13E-06	1.42E-07					4.87E-06	3.66E-06	8.82E-07			1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05
226	Campground 7	678723.9	4860201.8	4.22E+01	1.77E-02	9.34E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.09E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.52E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.05E-04	1.32E-03	5.04E-04	0.00E+00
227	Campground 8	678796.0	4860011.4	5.05E+01	2.12E-02	1.12E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.31E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.56E-03	3.30E-04	0.00E+00	6.09E-03	3.30E-04	6.30E-03	0.00E+00	7.09E-04	1.32E-03	5.38E-04	0.00E+00
228	Campground 9	678852.7	4859854.2	3.59E+01	1.51E-02	7.96E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.30E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.78E-04	0.00E+00
229	Solina 1	681099.6	4861677.2	5.28E+01	2.21E-02	1.17E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.37E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.57E-03	3.30E-04	0.00E+00	6.10E-03	3.30E-04	6.31E-03	0.00E+00	7.10E-04	1.32E-03	5.47E-04	0.00E+00
230	Solina 2	681115.7	4861857.7	4.25E+01	1.78E-02	9.41E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.10E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.52E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.06E-04	1.32E-03	5.05E-04	0.00E+00
231	Solina 3	680987.4	4861983.5	3.53E+01	1.48E-02	7.83E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.14E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.75E-04	0.00E+00
232	Solina 4	680965.0	4862068.1	3.66E+01	1.54E-02	8.12E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.48E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.50E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.81E-04	0.00E+00
233	Solina 5	681021.5	4862086.7	3.19E+01	1.34E-02	7.07E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.26E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.61E-04	0.00E+00
234	Solina 6	680939.8	4862124.3	3.87E+01	1.62E-02	8.58E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.00E-05	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.50E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.04E-04	1.32E-03	4.89E-04	0.00E+00
235	Solina 7	680988.2	4862183.6	3.54E+01	1.48E-02	7.84E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.16E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.76E-04	0.00E+00
236	Solina 8	680984.6	4862209.8	3.59E+01	1.51E-02	7.96E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.29E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.78E-04	0.00E+00
237	Solina 9	680958.6	4862294.9	3.58E+01	1.50E-02	7.93E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.26E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.77E-04	0.00E+00
238	Solina 10	680858.0	4862324.3	3.35E+01	1.40E-02	7.41E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.66E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.68E-04	0.00E+00
239	Solina 11	680990.3	4862403.5	3.37E+01	1.41E-02	7.47E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.72E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.69E-04	0.00E+00
240	Recreational 1	681545.0	4860865.0	3.92E+01	1.64E-02	8.69E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.01E-05	1.67E-04	3.30E-04	6.60E-03	3.21E-03	5.51E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.04E-04	1.32E-03	4.91E-04	0.00E+00
241	Recreational 2	681563.7	4860687.4	5.59E+01	2.34E-02	1.24E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.45E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.58E-03	3.30E-04	0.00E+00	6.11E-03	3.31E-04	6.31E-03	0.00E+00	7.11E-04	1.32E-03	5.60E-04	0.00E+00
242	Recreational 3	681579.7	4860610.0	5.72E+01	2.39E-02	1.27E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.48E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.59E-03	3.30E-04	0.00E+00	6.11E-03	3.31E-04	6.31E-03	0.00E+00	7.12E-04	1.32E-03	5.65E-04	0.00E+00
243	Recreational 6	681876.6	4860254.4	6.28E+01	2.63E-02	1.39E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.62E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.61E-03	3.30E-04	0.00E+00	6.13E-03	3.31E-04	6.31E-03	0.00E+00	7.14E-04	1.32E-03	5.89E-04	0.00E+00
244	Recreational 7	682166.9	4860324.4	5.51E+01	2.31E-02	1.22E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.43E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.58E-03	3.30E-04	0.00E+00	6.11E-03	3.30E-04	6.31E-03	0.00E+00	7.11E-04	1.32E-03	5.57E-04	0.00E+00
245	Darlington 1	679565.4	4861052.9	7.64E+01	3.20E-02	1.69E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.98E-05	1.70E-04	3.30E-04	6.60E-03	3.24E-03	5.67E-03	3.30E-04	0.00E+00	6.18E-03	3.31E-04	6.32E-03	0.00E+00	7.20E-04	1.32E-03	6.44E-04	0.00E+00
246	Darlington 2	679452.9	4861051.4	5.97E+01	2.50E-02	1.32E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.54E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.60E-03	3.30E-04	0.00E+00	6.12E-03	3.31E-04	6.31E-03	0.00E+00	7.13E-04	1.32E-03	5.76E-04	0.00E+00
247	Darlington 3	679130.5	4860948.8	5.72E+01	2.40E-02	1.27E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.48E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.59E-03	3.30E-04	0.00E+00	6.11E-03	3.31E-04	6.31E-03	0.00E+00	7.12E-04	1.32E-03	5.66E-04	0.00E+00
248	Darlington 4	679112.6	4860941.9	5.80E+01	2.43E-02	1.28E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.50E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.59E-03	3.30E-04	0.00E+00	6.12E-03	3.31E-04	6.31E-03	0.00E+00	7.12E-04	1.32E-03	5.69E-04	0.00E+00
249	Darlington 5	679057.6	4860994.1	5.49E+01	2.30E-02	1.22E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.42E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.58E-03	3.30E-04	0.00E+00	6.11E-03	3.30E-04	6.31E-03	0.00E+00	7.11E-04	1.32E-03	5.56E-04	0.00E+00
250	Darlington 6	679075.2	4860931.6	5.86E+01	2.45E-02	1.30E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.51E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.59E-03	3.30E-04	0.00E+00	6.12E-03	3.31E-04	6.31E-03	0.00E+00	7.12E-04	1.32E-03	5.71E-04	0.00E+00
251	Darlington 7	678814.3	4860843.1	5.76E+01	2.42E-02	1.28E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.49E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.59E-03	3.30E-04	0.00E+00	6.11E-03	3.31E-04	6.31E-03	0.00E+00	7.12E-04	1.32E-03	5.67E-04	0.00E+00
252	Darlington 8	678840.4	4860777.1	5.09E+01	2.55E-02	1.35E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.57E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.60E-03	3.30E-04	0.00E+00	6.13E-03	3.31E-04	6.31E-03	0.00E+00	7.13E-04	1.32E-03	5.81E-04	0.00E+00
253	Light Ind. 1	680000.1	4861034.1	5.61E+01	2.35E-02	1.24E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.45E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.58E-03	3.30E-04	0.00E+00	6.11E-03	3.31E-04	6.31E-03	0.00E+00	7.11E-04	1.32E-03	5.61E-04	0.00E+00
254	Light Ind. 2	680060.7	4861056.4	6.22E+01	2.60E-02	1.38E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.61E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.61E-03	3.30E-04	0.00E+00	6.13E-03	3.31E-04	6.31E-03	0.00E+00	7.14E-04	1.32E-03	5.86E-04	0.00E+00
255	Light Ind. 3	680291.2	4861151.6	6.55E+01	2.75E-02	1.45E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.70E-05	1.69E-04	3.30E-04	6.60E-03	3.23E-03	5.63E-03	3.30E-04	0.00E+00	6.14E-03	3.31E-04	6.32E-03	0.00E+00	7.15E-04	1.32E-03	6.00E-04	0.00E+00
256	Light Ind. 4	680536.3	4861204.6	5.00E+01	2.09E-02	1.11E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.29E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.56E-03	3.30E-04	0.00E+00	6.09E-03	3.30E-04	6.30E-03	0.00E+00	7.09E-04	1.32E-03	5.36E-04	0.00E+00
257	Light Ind. 5	680350.4	4861290.6	5.97E+01	2.50E-02	1.32E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.55E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.60E-03	3.30E-04	0.00E+00	6.12E-03	3.31E-04	6.31E-03	0.00E+00	7.13E-04	1.32E-03	5.76E-04	0.00E+00
258	Light Ind. 6	680306.9	4861275.6	6.43E+01	2.70E-02	1.42E-05	1.66E-04	6.60E-04	1.32E-03																		



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene
		(m)	(m)	(ug/m3)	(ug/m3)	3.13E-06	1.42E-07					4.87E-06	3.66E-06	8.82E-07			1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05
283	Residence	680683.5	4861597.9	3.78E+01	1.58E-02	8.37E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.77E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.50E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.29E-03	0.00E+00	7.04E-04	1.32E-03	4.85E-04	0.00E+00
284	Business	680064.3	4861343.7	6.28E+01	2.63E-02	1.39E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.62E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03	5.61E-03	3.30E-04	0.00E+00	6.13E-03	3.31E-04	6.31E-03	0.00E+00	7.14E-04	1.32E-03	5.89E-04	0.00E+00
285	Farmer	679680.1	4861213.5	6.41E+01	2.69E-02	1.42E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.66E-05	1.69E-04	3.30E-04	6.60E-03	3.23E-03	5.62E-03	3.30E-04	0.00E+00	6.14E-03	3.31E-04	6.31E-03	0.00E+00	7.15E-04	1.32E-03	5.94E-04	0.00E+00
286	Farmer	681344.8	4861792.9	4.26E+01	1.79E-02	9.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.10E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.52E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.06E-04	1.32E-03	5.05E-04	0.00E+00
287	Youth Centre	685644.2	4864814.8	1.23E+01	5.15E-03	2.72E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.18E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.80E-04	0.00E+00
288	Bowmanville Arena	685462.9	4864615.2	1.42E+01	5.95E-03	3.14E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.67E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00
289	Bowmanville Rec Complex	684160.3	4864604.5	1.55E+01	6.51E-03	3.44E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.02E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00
290	Recreation Complex	684586.6	4862406.3	1.81E+01	7.57E-03	4.00E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.67E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.04E-04	0.00E+00
291	Superdog Central	681487.7	4865723.3	1.11E+01	4.66E-03	2.46E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.87E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00
292	Equestrian Centre	681567.1	4863670.7	3.51E+01	1.47E-02	7.77E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.08E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.74E-04	0.00E+00
293	Flea Market	678574.6	4862819.4	2.63E+01	1.10E-02	5.83E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.81E-06	1.67E-04	3.30E-04	6.60E-03	3.19E-03	5.45E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.38E-04	0.00E+00
294	Equestrian Centre	680030.8	4867320.2	9.51E+00	3.99E-03	2.11E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.46E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.69E-04	0.00E+00
295	Courtice Community Complex	678099.3	4864629.8	1.36E+01	5.68E-03	3.00E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.51E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.86E-04	0.00E+00
296	Former Restaurant	679830.2	4860702.2	5.13E+01	2.15E-02	1.14E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.33E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03	5.56E-03	3.30E-04	0.00E+00	6.09E-03	3.30E-04	6.30E-03	0.00E+00	7.09E-04	1.32E-03	5.41E-04	0.00E+00
297	Commercial	679364.8	4861016.0	5.25E+01	2.20E-02	1.16E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.36E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03	5.57E-03	3.30E-04	0.00E+00	6.10E-03	3.30E-04	6.31E-03	0.00E+00	7.10E-04	1.32E-03	5.46E-04	0.00E+00
298	GM Oshawa Headquarters	676418.3	4860463.7	2.83E+01	1.19E-02	6.27E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.32E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.46E-04	0.00E+00
299	Farm A?	682272.3	4862201.9	2.98E+01	1.25E-02	6.60E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.71E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.53E-04	0.00E+00
300	Farm B?	683546.9	4861959.7	2.41E+01	1.01E-02	5.34E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.24E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.29E-04	0.00E+00
301	Farm C?	682547.5	4862321.1	2.81E+01	1.18E-02	6.23E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.27E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.46E-04	0.00E+00
302	Farm D?	683238.3	4862393.3	2.89E+01	1.21E-02	6.40E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.48E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.49E-04	0.00E+00
303	Farm E?	682512.6	4862858.0	3.70E+01	1.55E-02	8.18E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.56E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.50E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.82E-04	0.00E+00
304	Farm F?	683129.1	4863649.4	2.47E+01	1.03E-02	5.47E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.38E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.31E-04	0.00E+00
305	Bennett 1	688209.3	4862512.1	1.00E+01	4.20E-03	2.22E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.59E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.71E-04	0.00E+00
306	Bennett 2	687990.0	4863221.3	9.41E+00	3.94E-03	2.08E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.43E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.69E-04	0.00E+00
307	Bennett 3	688818.4	4862836.3	7.94E+00	3.33E-03	1.76E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.05E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00
308	Bennett 4	689045.1	4863365.5	9.18E+00	3.85E-03	2.03E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.37E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.68E-04	0.00E+00
309	Bennett 5	688270.5	4863763.1	8.99E+00	3.77E-03	1.99E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00
310	Bennett 6	689908.5	4863100.5	6.81E+00	2.85E-03	1.51E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.76E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00
311	Bennett 7	688929.9	4864392.0	1.33E+01	5.58E-03	2.95E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.44E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.93E-04	1.32E-03	3.85E-04	0.00E+00
312	Bennett 8	689684.2	4863837.7	7.76E+00	3.25E-03	1.72E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.01E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00
313	Soper 1	687557.9	4862512.4	1.11E+01	4.64E-03	2.45E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.87E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.75E-04	0.00E+00
314	Soper 2	687241.9	4863171.7	1.30E+01	5.47E-03	2.89E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.37E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.93E-04	1.32E-03	3.84E-04	0.00E+00
315	Soper 3	687023.2	4863903.8	1.10E+01	4.61E-03	2.44E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.85E-06</															



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted Concentration	Maximum Predicted Bromoform Concentration	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene
		(m)	(m)	(ug/m3)	(ug/m3)	3.13E-06	1.42E-07					4.87E-06	3.66E-06	8.82E-07			1.15E-05	6.36E-05		4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05	
340	F/B 1	677443.1	4867862.1	1.17E+01	4.89E-03	2.59E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.02E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00
341	F/B 2	679667.4	4866611.4	1.25E+01	5.25E-03	2.78E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.24E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.81E-04	0.00E+00
342	F/B 3	678655.0	4867470.1	8.90E+00	3.73E-03	1.97E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.30E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00
343	F/B 4	676191.2	4866844.7	9.01E+00	3.78E-03	2.00E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00
344	F/B 5	678273.3	4866093.0	1.61E+01	6.76E-03	3.57E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.17E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.96E-04	0.00E+00
345	F/B 6	681241.2	4867098.8	1.14E+01	4.79E-03	2.53E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.96E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00
346	F/B 7	682165.3	4868082.3	9.00E+00	3.77E-03	1.99E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00
347	F/B 8	679366.6	4868628.3	1.06E+01	4.46E-03	2.36E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.75E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.74E-04	0.00E+00
348	F/B 9	680310.1	4869967.1	8.03E+00	3.37E-03	1.78E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.08E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00
349	F/B 10	676487.3	4869291.6	8.02E+00	3.36E-03	1.78E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.08E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00
350	F/B 11	676851.4	4865409.3	1.15E+01	4.80E-03	2.54E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.96E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00
351	F/B 12	681153.3	4868682.2	8.32E+00	3.48E-03	1.84E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.15E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00
352	F/B 13	675416.3	4859833.9	1.34E+01	5.61E-03	2.97E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.46E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.93E-04	1.32E-03	3.85E-04	0.00E+00
353	Second 1	675153.4	4860552.8	2.49E+01	1.04E-02	5.52E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.44E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.32E-04	0.00E+00
354	Second 2	675297.5	4860891.3	2.47E+01	1.03E-02	5.46E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.38E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.31E-04	0.00E+00
355	Second 3	675647.2	4860644.9	2.90E+01	1.22E-02	6.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.51E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.49E-04	0.00E+00
356	Second 4	675670.5	4860076.5	1.72E+01	7.22E-03	3.82E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.46E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.01E-04	0.00E+00
357	Second 5	676043.3	4860319.1	2.51E+01	1.05E-02	5.57E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.51E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.33E-04	0.00E+00
358	Second 6	675923.4	4859821.4	1.62E+01	6.80E-03	3.59E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.20E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.97E-04	0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8	2.48E+01	1.04E-02	5.49E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.41E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.32E-04	0.00E+00
360	McLaughlin Bay 2	677310.8	4860528.2	3.03E+01	1.27E-02	6.70E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.83E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.54E-04	0.00E+00
361	McLaughlin Bay 3	676563.5	4860260.1	2.16E+01	9.03E-03	4.77E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.57E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.19E-04	0.00E+00
362	McLaughlin Bay 4	676699.5	4859696.6	3.11E+01	1.31E-02	6.90E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.06E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.58E-04	0.00E+00
363	McLaughlin Bay 5	677560.0	4860060.1	2.05E+01	8.61E-03	4.55E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.31E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.14E-04	0.00E+00
364	McLaughlin Bay 6	678204.5	4859832.5	4.12E+01	1.73E-02	9.13E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.07E-05	1.67E-04	3.30E-04	6.60E-03	3.21E-03	5.52E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.05E-04	1.32E-03	5.00E-04	0.00E+00
365	Harmony Creek 1	674178.3	4861024.2	1.51E+01	6.32E-03	3.34E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.90E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.92E-04	0.00E+00
366	Harmony Creek 2	674592.0	4862605.3	2.45E+01	1.03E-02	5.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.34E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.31E-04	0.00E+00
367	Harmony Creek 3	672863.4	4862808.0	9.87E+00	4.14E-03	2.19E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.55E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.70E-04	0.00E+00
368	Harmony Creek 4	675671.6	4864469.0	1.36E+01	5.69E-03	3.01E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.51E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.86E-04	0.00E+00
369	Harmony Creek 5	672443.1	4864713.0	1.41E+01	5.92E-03	3.13E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.65E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00
370	Harmony Creek 6	674830.5	4866909.6	1.19E+01	4.98E-03	2.63E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.08E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.79E-04	0.00E+00
371	Harmony Creek 7	675799.9	4868594.1	1.01E+01	4.24E-03	2.24E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.62E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.71E-04	0.00E+00
372	Westside 1	686082.6	4862776.6	2.03E+01	8.51E-03	4.50E-06	1.65E-04	6.60E-04	1.32E-03	3.30E																	

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane
		(m)	(m)	(ug/m3)	(ug/m3)	9.57E-06				6.22E-08				3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05				0.01		
						3.30E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.16	0.17	0.02	6.09E-03	3.08
1	Campground 10	678526.8	485996.8	4.89E+01	2.05E-02	3.63E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.32E-03	3.15
2	ECO 2	675490.4	4860360.1	2.54E+01	1.07E-02	3.47E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.21E-03	3.12
3	Recreational 5	681642.0	4860349.3	5.65E+01	2.36E-02	3.68E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.35E-03	3.16
4	ECO 4	676831.5	4859840.9	2.28E+01	9.57E-03	3.45E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11
5	Bow. Valley Cons. 3	685767.2	4863879.0	1.39E+01	5.84E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
6	ECO 6	679647.8	4859989.3	4.91E+01	2.06E-02	3.63E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.32E-03	3.15
7	ECO 7	681578.8	4862070.1	3.90E+01	1.63E-02	3.56E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.27E-03	3.14
8	ECO 8	679735.5	4861048.6	8.62E+01	3.61E-02	3.88E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.83	0.18	0.11	0.24	0.48	10.01	1.81	0.55	0.02	0.05	0.22	0.17	0.02	6.49E-03	3.21
9	ECO 9	687219.7	4864249.3	1.15E+01	4.80E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
10	ECO 10	686519.0	4861987.6	1.45E+01	6.09E-03	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
11	ECO 11	679870.4	4859737.9	3.91E+01	1.64E-02	3.56E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.27E-03	3.14
12	Recreational 4	681575.5	4860557.7	5.78E+01	2.41E-02	3.69E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.36E-03	3.16
13	Future Industrial 9	680704.5	4859857.8	9.72E+01	4.07E-02	3.96E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.83	0.19	0.11	0.24	0.48	10.01	1.81	0.55	0.02	0.05	0.23	0.17	0.02	6.54E-03	3.22
14	Future Industrial 10	680608.0	4860719.6	1.15E+02	4.81E-02	4.07E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.84	0.22	0.12	0.25	0.48	10.01	1.81	0.55	0.02	0.05	0.24	0.17	0.02	6.62E-03	3.25
15	Harmony Creek	673992.4	4865641.4	7.55E+00	3.16E-03	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.12E-03	3.09
16	Farewell Creek	678079.2	4868822.7	8.78E+00	3.68E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
17	Farmer	681378.6	4860335.0	5.87E+01	2.46E-02	3.70E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.36E-03	3.17
18	Watson Farm	682883.4	4864219.7	2.09E+01	8.75E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.18E-03	3.11
19	Racanski Farm	678929.2	4865530.2	1.25E+01	5.26E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
20	Zoo	687216.8	4864835.3	1.11E+01	4.66E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
21	Cedar Crest Beach	686652.1	4861660.9	2.03E+01	8.49E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
22	Darlington Prov Park Beach	677844.6	4859718.2	2.89E+01	1.21E-02	3.49E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.22E-03	3.12
23	OPG 1	682258.1	4860045.0	3.41E+01	1.43E-02	3.53E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.25E-03	3.13
24	OPG 2	682551.4	4859889.1	3.19E+01	1.34E-02	3.51E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.09	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.24E-03	3.13
25	OPG 3	682824.6	4859759.3	2.82E+01	1.18E-02	3.49E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.22E-03	3.12
26	OPG 4	683021.6	4859937.3	2.76E+01	1.16E-02	3.48E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.22E-03	3.12
27	OPG 5	683318.2	4859677.8	2.26E+01	9.48E-03	3.45E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11
28	OPG 6	683306.9	4860023.0	3.42E+01	1.43E-02	3.53E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.25E-03	3.13
29	OPG 7	683718.6	4859915.8	2.35E+01	9.85E-03	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.11
30	OPG 8	682702.0	4859998.6	2.66E+01	1.12E-02	3.48E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.21E-03	3.12
31	OPG 9	684347.7	4861184.6	2.04E+01	8.55E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
32	OPG 10	682157.2	4861228.2	5.01E+01	2.10E-02	3.64E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.32E-03	3.15
33	St. Mary's 1	684557.0	4861070.0	2.77E+01	1.16E-02	3.49E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.22E-03	3.12
34	St. Mary's 2	684657.3	4861320.8	1.84E+01	7.72E-03	3.42E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11
35	St. Mary's 3	684905.3	4861154.4	2.43E+01	1.02E-02	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
36	Court. Subdivision 1	677328.4	4862976.1	2.23E+01	9.36E-03	3.45E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11
37	Court. Subdivision 2	676187.9	4862611.1	2.81E+01																							

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane
		(m)	(m)	(ug/m3)	(ug/m3)	9.57E-06				6.22E-08				3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05			0.01			6.61E-05
55	Bow. Subdivision 10	685266.0	4863243.1	1.78E+01	7.45E-03	3.42E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11
56	Osh/Court Subdivision 1	677396.8	4860977.3	3.96E+01	1.66E-02	3.57E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.27E-03	3.14
57	Osh/Court Subdivision 2	676633.5	4860816.8	2.72E+01	1.14E-02	3.48E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.21E-03	3.12
58	Osh/Court Subdivision 3	676916.0	4861925.0	2.26E+01	9.49E-03	3.45E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11
59	Osh/Court Subdivision 4	676730.5	4861317.1	2.23E+01	9.36E-03	3.45E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11
60	Osh/Court Subdivision 5	676087.2	4861392.3	2.52E+01	1.06E-02	3.47E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
61	Osh/Court Subdivision 6	676177.1	4861722.2	2.57E+01	1.08E-02	3.47E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.21E-03	3.12
62	Osh/Court Subdivision 7	675670.7	4861783.2	2.41E+01	1.01E-02	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
63	Osh/Court Subdivision 8	676050.8	4862055.7	2.74E+01	1.15E-02	3.48E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.21E-03	3.12
64	Osh/Court Subdivision 9	676636.9	4862134.3	2.36E+01	9.87E-03	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.11
65	Osh/Court Subdivision 10	676571.3	4861634.8	2.13E+01	8.93E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11
66	Bow. Subdivision 11	684649.2	4863182.7	1.75E+01	7.35E-03	3.42E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11
67	Daycare B	685172.4	4863933.1	1.18E+01	4.93E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
68	Daycare C	685452.0	4863104.4	1.77E+01	7.43E-03	3.42E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11
69	Daycare D	685527.7	4864693.3	1.34E+01	5.61E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
70	Daycare E	685735.4	4864790.8	1.13E+01	4.75E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
71	Daycare F	685520.3	4864854.3	1.38E+01	5.80E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
72	Daycare G	685441.9	4864878.0	1.43E+01	6.00E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
73	Daycare H	686364.8	4864707.8	1.18E+01	4.95E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
74	Daycare I	685721.6	4865127.3	1.07E+01	4.51E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
75	Daycare J	678256.3	4863565.4	6.04E+01	2.53E-02	3.71E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.37E-03	3.17
76	Daycare K	677694.1	4864043.7	2.10E+01	8.79E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.18E-03	3.11
77	Daycare L	676479.5	4862526.2	3.12E+01	1.31E-02	3.51E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.23E-03	3.13
78	Daycare M	678320.9	4864763.5	1.64E+01	6.88E-03	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
79	Daycare N	678513.4	4865058.0	1.37E+01	5.72E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
80	Daycare O	672788.7	4863936.6	1.40E+01	5.85E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
81	Daycare P	673952.8	4863592.5	2.04E+01	8.54E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
82	Daycare Q	671751.8	4864887.7	1.38E+01	5.78E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
83	Daycare R	685714.4	4864667.4	1.23E+01	5.15E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
84	Daycare S	684177.9	4863618.2	2.07E+01	8.66E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.18E-03	3.11
85	Daycare T	678423.6	4864480.4	1.92E+01	8.03E-03	3.43E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
86	Daycare U	685330.5	4863435.1	1.95E+01	8.16E-03	3.43E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
87	Daycare V	685153.2	4863236.9	2.06E+01	8.65E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.18E-03	3.11
88	Daycare W	672679.0	4862044.9	1.06E+01	4.46E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
89	Daycare X	672076.5	4865285.8	1.08E+01	4.54E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
90	Daycare Y	672638.0	4859664.4	7.99E+00	3.35E-03	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.12E-03	3.09
91	Daycare Z	673735.9	4858958.0	1.30E+01	5.46E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
92	Daycare AA	673121.8	4863385.9	1.70E+01	7.12E-03	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.10
93	Daycare BB	673904.8	4862282.2	2.09E+01	8.75E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.18E-03	3.11
94	Daycare CC	671471.6	4861795.3	9.17E+00	3.84E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
95	Daycare DD	673057.3	4862625.6	1.28E+01	5.38E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02		



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromofor m	Bromome thane	Butadiene, 1,3 -	Butanone , 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane
		(m)	(m)	(ug/m3)	(ug/m3)	9.57E-06				6.22E-08				3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05			0.01			6.61E-05
112	Hospital	671712.7	4862364.1	8.17E+00	3.42E-03	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09	
113	Retirement Residence A	684199.9	4864120.3	2.19E+01	9.18E-03	3.45E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11	
114	Retirement Residence B	685483.9	4865150.9	1.22E+01	5.11E-03	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10	
115	Retirement Residence C	686844.0	4864732.1	1.23E+01	5.17E-03	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10	
116	Retirement Residence D	673481.7	4863343.4	1.76E+01	7.38E-03	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11	
117	Retirement Residence E	671825.2	4864399.0	1.37E+01	5.72E-03	3.39E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10	
118	Retirement Residence F	671606.3	4864536.0	1.36E+01	5.70E-03	3.39E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10	
119	Retirement Residence G	671357.1	4862958.7	8.76E+00	3.67E-03	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09	
120	Retirement Residence H	671514.0	4862262.9	7.78E+00	3.26E-03	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.12E-03	3.09	
121	Retirement Residence I	672602.2	4863075.9	1.11E+01	4.65E-03	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10	
122	Retirement Residence J	671719.1	4862893.1	8.88E+00	3.72E-03	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09	
123	Retirement Residence K	686718.0	4865648.7	8.71E+00	3.65E-03	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09	
124	Retirement Residence L	676168.7	4865669.9	1.48E+01	6.19E-03	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10	
125	Retirement Residence M	676118.5	4863980.7	1.88E+01	7.89E-03	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11	
126	Bow. Subdivision 12	684649.2	4863182.7	1.75E+01	7.35E-03	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11	
127	Primary School B	685384.8	4863575.3	1.80E+01	7.54E-03	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11	
128	Primary School C	685021.6	4863952.9	1.44E+01	6.03E-03	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10	
129	Primary School D	686237.0	4864085.5	1.44E+01	6.04E-03	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10	
130	Primary School E	686719.0	4863734.7	1.14E+01	4.79E-03	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10	
131	Primary School F	686357.0	4864754.9	1.16E+01	4.84E-03	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10	
132	Primary School G	685502.0	4865013.4	1.27E+01	5.33E-03	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10	
133	Primary School H	686726.7	4866061.5	8.32E+00	3.49E-03	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09	
134	Primary School I	685186.2	4866568.2	2.37E+01	9.92E-03	3.46E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.11	
135	Primary School J	685965.3	4866979.0	1.09E+01	4.57E-03	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10	
136	Primary School K	677709.9	4864726.5	1.66E+01	6.95E-03	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10	
137	Primary School L	675988.3	4864270.2	1.63E+01	6.85E-03	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10	
138	Primary School M	676608.7	4862739.0	2.10E+01	8.82E-03	3.44E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11	
139	Primary School N	677222.2	4863759.1	2.45E+01	1.03E-02	3.46E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12	
140	Primary School O	678154.9	4863872.7	3.63E+01	1.52E-02	3.54E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.26E-03	3.13	
141	Court. Subdivision 12	678309.6	4863600.8	5.57E+01	2.33E-02	3.67E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.35E-03	3.16	
142	Primary School Q	677010.6	4862470.6	2.42E+01	1.02E-02	3.46E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12	
143	Primary School R	677431.3	4866694.7	1.04E+01	4.37E-03	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10	
144	Primary School S	675266.2	4863562.9	2.17E+01	9.09E-03	3.44E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11	
145	Primary School T	673479.2	4860029.4	9.97E+00	4.18E-03	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09	
146	Primary School U	670856.0	4860710.6	5.58E+00	2.34E-03	3.34E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.16	0.17	0.02	6.11E-03	3.09	
147	Primary School V	672660.2	4863909.2	1.30E+01	5.45E-03	3.39E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10	
148	Primary School W	672735.2	4859232.9	1.04E+01	4.37E-03	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10	
149	Primary School X	673575.8	4862688.6	1.19E+01	4.98E-03	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10	
150	Primary School Y	673710.3	4861969.0	2.27E+01	9.51E-03	3.45E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11	
151	Primary School Z	672366.0	4859928.1	9.25E+00	3.87E-03	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09	
152	Primary School AA	672561.7	4866047.1	7.11E+00	2.98E-03	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.12E-03	3.09	
153	Primary School BB	675095.1	4862930.4	2.52E+01	1.06E-02	3.47E-04	3.30E-04	3.30E-04	4.29																		



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane
		(m)	(m)	(ug/m3)	(ug/m3)	9.57E-06				6.22E-08				3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05			0.01			6.61E-05
169	Primary School RR	671351.4	4863284.0	8.38E+00	3.51E-03	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
170	Primary School SS	673213.9	4862125.5	1.69E+01	7.10E-03	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.10
171	Primary School TT	671017.9	4860953.7	5.67E+00	2.37E-03	3.34E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.16	0.17	0.02	6.11E-03	3.09
172	Primary School UU	670991.0	4861089.8	5.54E+00	2.32E-03	3.34E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.16	0.17	0.02	6.11E-03	3.09
173	Primary School VV	674150.1	4862294.8	1.95E+01	8.17E-03	3.43E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
174	Primary School WW	672005.2	4861707.9	8.88E+00	3.72E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
175	Primary School XX	684172.1	4863615.6	2.08E+01	8.73E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.18E-03	3.11
176	Primary School YY	683923.3	4866636.4	1.31E+01	5.48E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
177	Primary School ZZ	680446.0	4865770.5	1.29E+01	5.39E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
178	Vacant School	685612.9	4864520.0	1.24E+01	5.20E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
179	Secondary School A	686291.4	4865064.3	1.14E+01	4.78E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
180	Secondary School B	683875.0	4864741.7	1.69E+01	7.07E-03	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.10
181	Secondary School C	684650.3	4866460.3	1.23E+01	5.16E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
182	Secondary School D	678099.5	4864838.2	1.45E+01	6.09E-03	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
183	Secondary School E	678467.0	4863431.2	3.66E+01	1.53E-02	3.55E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.26E-03	3.13
184	Secondary School F	674144.9	4862762.7	2.07E+01	8.69E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.18E-03	3.11
185	Secondary School G	673816.0	4864357.1	1.25E+01	5.23E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
186	Secondary School H	673145.4	4858569.0	8.90E+00	3.73E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
187	Secondary School I	671291.7	4863581.3	1.01E+01	4.24E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
188	Secondary School J	671443.2	4861664.9	9.04E+00	3.79E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
189	Secondary School K	673235.3	4860885.0	1.05E+01	4.41E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
190	Secondary School L	684252.7	4866500.5	1.49E+01	6.25E-03	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
191	Secondary School M	673914.1	4859551.7	1.43E+01	5.97E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
192	Secondary School N	675051.5	4864177.2	1.19E+01	4.98E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
193	Adult School	685276.1	4866019.8	1.31E+01	5.48E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
194	Bow. Valley Cons. 1	685356.6	4864521.2	1.52E+01	6.37E-03	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
195	Bow. Valley Cons. 2	685627.7	4864167.8	1.15E+01	4.80E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
196	Bow. Valley Cons. 4	685852.7	4863640.2	1.54E+01	6.45E-03	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
197	Bow. Valley Cons. 5	686163.1	4863621.5	1.30E+01	5.44E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
198	Bow. Valley Cons. 6	685931.9	4863380.6	1.38E+01	5.77E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
199	Maple Grove 1	681688.5	4864717.0	2.47E+01	1.03E-02	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
200	Maple Grove 2	681768.9	4864631.8	2.44E+01	1.02E-02	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
201	Maple Grove 3	681894.9	4864506.8	2.34E+01	9.81E-03	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.11
202	Maple Grove 4	681974.8	4864443.2	2.57E+01	1.08E-02	3.47E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.21E-03	3.12
203	Maple Grove 5	681942.2	4864676.7	1.97E+01	8.27E-03	3.43E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
204	Maple Grove 6	682053.2	4864586.2	2.28E+01	9.58E-03	3.45E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11
205	Maple Grove 7	682168.5	4864631.3	1.91E+01	8.04E-03	3.43E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
206	Maple Grove 8	682261.7	4864520.9	2.00E+01	8.38E-03	3.43E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
207	Maple Grove 9	682382.1	4864589.4	1.99E+01	8.35E-03	3.43E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
208	Maple Grove 10	682459.8	4864499.2	2.04E+01	8.53E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
209	Port Darlington 1	686227.8	4861159.0	2.30E+01	9.62E-03	3.45E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02</						

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E (m)	UTM N (m)	Maximum Predicted NOx Concentration (ug/m3)	Maximum Predicted Bromoform Concentration (ug/m3)	O-terphenyl 9.57E-06	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane
										6.22E-08			3.63E-03	0.02	5.93E-03	4.21E-03						3.70E-05	5.96E-05				
226	Campground 7	678723.9	4860201.8	4.22E+01	1.77E-02	3.58E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.28E-03	3.14
227	Campground 8	678796.0	4860011.4	5.05E+01	2.12E-02	3.64E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.32E-03	3.15
228	Campground 9	678852.7	4859854.2	3.59E+01	1.51E-02	3.54E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.25E-03	3.13
229	Solina 1	681099.6	4861677.2	5.28E+01	2.21E-02	3.66E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.33E-03	3.16
230	Solina 2	681115.7	4861857.7	4.25E+01	1.78E-02	3.59E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.29E-03	3.14
231	Solina 3	680987.4	4861983.5	3.53E+01	1.48E-02	3.54E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.25E-03	3.13
232	Solina 4	680965.0	4862068.1	3.66E+01	1.54E-02	3.55E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.26E-03	3.13
233	Solina 5	681021.5	4862086.7	3.19E+01	1.34E-02	3.51E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.09	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.24E-03	3.13
234	Solina 6	680939.8	4862124.3	3.87E+01	1.62E-02	3.56E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.27E-03	3.14
235	Solina 7	680988.2	4862183.6	3.54E+01	1.48E-02	3.54E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.25E-03	3.13
236	Solina 8	680984.6	4862209.8	3.59E+01	1.51E-02	3.54E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.25E-03	3.13
237	Solina 9	680958.6	4862294.9	3.58E+01	1.50E-02	3.54E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.25E-03	3.13
238	Solina 10	680858.0	4862324.3	3.35E+01	1.40E-02	3.52E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.24E-03	3.13
239	Solina 11	680990.3	4862403.5	3.37E+01	1.41E-02	3.53E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.24E-03	3.13
240	Recreational 1	681545.0	4860865.0	3.92E+01	1.64E-02	3.56E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.27E-03	3.14
241	Recreational 2	681563.7	4860687.4	5.59E+01	2.34E-02	3.68E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.35E-03	3.16
242	Recreational 3	681579.7	4860610.0	5.72E+01	2.39E-02	3.68E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.35E-03	3.16
243	Recreational 6	681876.6	4860254.4	6.28E+01	2.63E-02	3.72E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.21	0.17	0.02	6.38E-03	3.17
244	Recreational 7	682166.9	4860324.4	5.51E+01	2.31E-02	3.67E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.34E-03	3.16
245	Darlington 1	679565.4	4861052.9	7.64E+01	3.20E-02	3.81E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.83	0.16	0.10	0.24	0.48	10.01	1.81	0.55	0.02	0.05	0.22	0.17	0.02	6.44E-03	3.19
246	Darlington 2	679452.9	4861051.4	5.97E+01	2.50E-02	3.70E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.37E-03	3.17
247	Darlington 3	679130.5	4860948.8	5.72E+01	2.40E-02	3.68E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.35E-03	3.16
248	Darlington 4	679112.6	4860941.9	5.80E+01	2.43E-02	3.69E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.36E-03	3.16
249	Darlington 5	679057.6	4860994.1	5.49E+01	2.30E-02	3.67E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.34E-03	3.16
250	Darlington 6	679075.2	4860931.6	5.86E+01	2.45E-02	3.69E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.36E-03	3.17
251	Darlington 7	678814.3	4860843.1	5.76E+01	2.42E-02	3.69E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.36E-03	3.16
252	Darlington 8	678840.4	4860777.1	6.09E+01	2.55E-02	3.71E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.37E-03	3.17
253	Light Ind. 1	680000.1	4861034.1	5.61E+01	2.35E-02	3.68E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.35E-03	3.16
254	Light Ind. 2	680060.7	4861056.4	6.22E+01	2.60E-02	3.72E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.38E-03	3.17
255	Light Ind. 3	680291.2	4861151.6	6.55E+01	2.75E-02	3.74E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.83	0.15	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.21	0.17	0.02	6.39E-03	3.18
256	Light Ind. 4	680536.3	4861204.6	5.00E+01	2.09E-02	3.64E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.32E-03	3.15
257	Light Ind. 5	680350.4	4861290.6	5.97E+01	2.50E-02	3.70E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.37E-03	3.17
258	Light Ind. 6	680306.9	4861275.6	6.43E+01	2.70E-02	3.73E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.21	0.17	0.02	6.39E-03	3.17
259	Light Ind. 7	680267.2	4861262.4	6.72E+01	2.82E-02	3.75E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.83	0.15	0.10	0.24	0.48	10.01	1.81	0.55	0.02	0.05	0.21	0.17	0.02	6.40E-03	3.18
260	Light Ind. 8	680233.6	4861250.7	6.79E+01	2.84E-02	3.76E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.83	0.15	0.10	0.24	0.48	10.01	1.81	0.55	0.02	0.05	0.21	0.17	0.02	6.40E-03	3.18
261	Light Ind. 9	680175.3	4861227.5	6.57E+01	2.75E-02	3.74E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.83	0.15	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.21	0.17	0.02	6.39E-03	3.18
262	Light Ind. 10	680092.5	4861185.1	5.65E+01	2.37E-02	3.68E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.35E-03	3.16
263	Light Ind. 11	680071.6	4861246.6	5.97E+01	2.50E-02	3.70E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.37E-03	3.17
264	Light Ind. 12	680021.4	4861186.9	5.39E+01	2.26E-02	3.66E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.34E-03	3.16
265	Future Industrial 7	680816.2	4860219.3	6.43E+01	2.70E-02	3.73E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.21	0.17	0.02	6.39E-03	3.17
266	Future Industrial 8	680398.0	4860731.8	1.15E+02	4.82E-02	4.08E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.84	0.22	0.12	0.25	0.48	10.01									

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted Nox Concentration	Maximum Predicted Bromoform Concentration	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane
		(m)	(m)	(ug/m3)	(ug/m3)	9.57E-06				6.22E-08				3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05			0.01			6.61E-05
283	Residence	680683.5	4861597.9	3.78E+01	1.58E-02	3.55E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.26E-03	3.13
284	Business	680064.3	4861343.7	6.28E+01	2.63E-02	3.72E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.21	0.17	0.02	6.38E-03	3.17
285	Farmer	679680.1	4861213.5	6.41E+01	2.69E-02	3.73E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.21	0.17	0.02	6.39E-03	3.17
286	Farmer	681344.8	4861792.9	4.26E+01	1.79E-02	3.59E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.29E-03	3.14
287	Youth Centre	685644.2	4864814.8	1.23E+01	5.15E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
288	Bowmanville Arena	685462.9	4864615.2	1.42E+01	5.95E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
289	Bowmanville Rec Complex	684160.3	4864604.5	1.55E+01	6.51E-03	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
290	Recreation Complex	684586.6	4862406.3	1.81E+01	7.57E-03	3.42E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11
291	Superdog Central	681487.7	4865723.3	1.11E+01	4.66E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
292	Equestrian Centre	681567.1	4863670.7	3.51E+01	1.47E-02	3.54E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.25E-03	3.13
293	Flea Market	678574.6	4862819.4	2.63E+01	1.10E-02	3.48E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.21E-03	3.12
294	Equestrian Centre	680030.8	4867320.2	9.51E+00	3.99E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
295	Courtice Community Complex	678099.3	4864629.8	1.36E+01	5.68E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
296	Former Restaurant	679830.2	4860702.2	5.13E+01	2.15E-02	3.65E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.33E-03	3.15
297	Commercial	679364.8	4861016.0	5.25E+01	2.20E-02	3.65E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.13	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.20	0.17	0.02	6.33E-03	3.16
298	GM Oshawa Headquarters	676418.3	4860463.7	2.83E+01	1.19E-02	3.49E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.22E-03	3.12
299	Farm A?	682972.3	4862201.9	2.98E+01	1.25E-02	3.50E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.23E-03	3.12
300	Farm B?	683546.9	4861959.7	2.41E+01	1.01E-02	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
301	Farm C?	682547.5	4862321.1	2.81E+01	1.18E-02	3.49E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.22E-03	3.12
302	Farm D?	683238.3	4862393.3	2.89E+01	1.21E-02	3.49E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.22E-03	3.12
303	Farm E?	682512.6	4862858.0	3.70E+01	1.55E-02	3.55E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.26E-03	3.13
304	Farm F?	683129.1	4863649.4	2.47E+01	1.03E-02	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
305	Bennett 1	688209.3	4862512.1	1.00E+01	4.20E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
306	Bennett 2	687990.0	4863221.3	9.41E+00	3.94E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
307	Bennett 3	688818.4	4862836.3	7.94E+00	3.33E-03	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.12E-03	3.09
308	Bennett 4	689045.1	4863365.5	9.18E+00	3.85E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
309	Bennett 5	688270.5	4863763.1	8.99E+00	3.77E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
310	Bennett 6	689908.5	4863100.5	6.81E+00	2.85E-03	3.34E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.12E-03	3.09
311	Bennett 7	688929.9	4864392.0	1.33E+01	5.58E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
312	Bennett 8	689684.2	4863837.7	7.76E+00	3.25E-03	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.12E-03	3.09
313	Soper 1	687557.9	4862512.4	1.11E+01	4.64E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
314	Soper 2	687241.9	4863171.7	1.30E+01	5.47E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
315	Soper 3	687023.2	4863903.8	1.10E+01	4.61E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
316	Soper 4	688158.2	4865389.3	1.08E+01	4.51E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
317	Soper 5	685027.3	4868253.9	8.43E+00	3.53E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
318	Soper 6	687287.4	4867037.3	9.69E+00	4.06E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
319	Soper 7	685683.2	4867148.1	1.58E+01	6.62E-03	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
320	Soper 8	686748.7	4865874.7	8.10E+00	3.39E-03	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.12E-03	3.09
321	Bowmanville 1	687026.3	4862368.4	1.21E+01	5.09E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
322	Bowmanville 2	686625.7	4863020.3	1.79E+01	7.49E-03	3.42E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11
323	Bowmanville 3	683380.3	4865365.9	1.87E+01	7.83E-03	3.42E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6	



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform	Cumene	Dibromodichloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane
		(m)	(m)	(ug/m3)	(ug/m3)	9.57E-06				6.22E-08				3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05			0.01			6.61E-05
340	F/B 1	677443.1	4867862.1	1.17E+01	4.89E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
341	F/B 2	679667.4	4866611.4	1.25E+01	5.25E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
342	F/B 3	678655.0	4867470.1	8.90E+00	3.73E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
343	F/B 4	676191.2	4866844.7	9.01E+00	3.78E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
344	F/B 5	678273.3	4866093.0	1.61E+01	6.76E-03	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
345	F/B 6	681241.2	4867098.8	1.14E+01	4.79E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
346	F/B 7	682165.3	4868082.3	9.00E+00	3.77E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
347	F/B 8	679366.6	4868628.3	1.06E+01	4.46E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
348	F/B 9	680310.1	4869967.1	8.03E+00	3.37E-03	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.12E-03	3.09
349	F/B 10	676487.3	4869291.6	8.02E+00	3.36E-03	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.12E-03	3.09
350	F/B 11	676851.4	4865409.3	1.15E+01	4.80E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
351	F/B 12	681153.3	4868682.2	8.32E+00	3.48E-03	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
352	F/B 13	675416.3	4859833.9	1.34E+01	5.61E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
353	Second 1	675153.4	4860552.8	2.49E+01	1.04E-02	3.47E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
354	Second 2	675297.5	4860891.3	2.47E+01	1.03E-02	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
355	Second 3	675647.2	4860644.9	2.90E+01	1.22E-02	3.49E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.22E-03	3.12
356	Second 4	675670.5	4860076.5	1.72E+01	7.22E-03	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11
357	Second 5	676043.3	4860319.1	2.51E+01	1.05E-02	3.47E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
358	Second 6	675923.4	4859821.4	1.62E+01	6.80E-03	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
359	McLaughlin Bay 1	676714.7	4860903.8	2.48E+01	1.04E-02	3.47E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
360	McLaughlin Bay 2	677310.8	4860528.2	3.03E+01	1.27E-02	3.50E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.23E-03	3.12
361	McLaughlin Bay 3	676563.5	4860260.1	2.16E+01	9.03E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11
362	McLaughlin Bay 4	676699.5	4859696.6	3.11E+01	1.31E-02	3.51E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.23E-03	3.13
363	McLaughlin Bay 5	677560.0	4860060.1	2.05E+01	8.61E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
364	McLaughlin Bay 6	678204.5	4859832.5	4.12E+01	1.73E-02	3.58E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	0.02	0.05	0.19	0.17	0.02	6.28E-03	3.14
365	Harmony Creek 1	674178.3	4861024.2	1.51E+01	6.32E-03	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
366	Harmony Creek 2	674592.0	4862605.3	2.45E+01	1.03E-02	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
367	Harmony Creek 3	672863.4	4862808.0	9.87E+00	4.14E-03	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
368	Harmony Creek 4	675671.6	4864469.0	1.36E+01	5.69E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
369	Harmony Creek 5	672443.1	4864713.0	1.41E+01	5.92E-03	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.15E-03	3.10
370	Harmony Creek 6	674830.5	4866909.6	1.19E+01	4.98E-03	3.38E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.14E-03	3.10
371	Harmony Creek 7	675799.9	4868594.1	1.01E+01	4.24E-03	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.13E-03	3.09
372	Westside 1	686082.6	4862776.6	2.03E+01	8.51E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.18E-03	3.11
373	Westside 2	685778.7	4862137.9	1.82E+01	7.62E-03	3.42E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.17E-03	3.11
374	Westside 3	685084.2	4862827.4	1.60E+01	6.71E-03	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
375	Darlington 1	680977.5	4865674.4	1.62E+01	6.77E-03	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.17	0.17	0.02	6.16E-03	3.10
376	Darlington 2	680913.9	4863967.1	2.46E+01	1.03E-02	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.20E-03	3.12
377	Darlington 3	682602.8	4863659.6	2.83E+01	1.19E-02	3.49E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.22E-03	3.12
378	Darlington 4	682206.4	4862910.4	2.83E+01	1.19E-02	3.49E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.22E-03	3.12
379	Darlington 5	683223.2	4861114.0	2.12E+01	8.90E-03	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	0.02	0.05	0.18	0.17	0.02	6.19E-03	3.11
380	Darlington 6	683947.7	4862362.0	1.70E+01	7.13E-03	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	0.02						



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dichloropropene, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	(ug/m3)	(ug/m3)		1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02		5.10E-03	0.07			
						0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75			
1	Campground 10	678526.8	4859996.8	4.89E+01	2.05E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.30	1.97	0.03	11.99		0.00E+00	0.00E+00
2	ECO 2	675490.4	4860360.1	2.54E+01	1.07E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
3	Recreational 5	681642.0	4860349.3	5.65E+01	2.36E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.03	12.03		0.00E+00	0.00E+00
4	ECO 4	676831.5	4859840.9	2.28E+01	9.57E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0	1.39E+01	5.84E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
6	ECO 6	679647.8	4859989.3	4.91E+01	2.06E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.30	1.97	0.03	11.99		0.00E+00	0.00E+00
7	ECO 7	681578.8	4862070.1	3.90E+01	1.63E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.94		0.00E+00	0.00E+00
8	ECO 8	679735.5	4861048.6	8.62E+01	3.61E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.35	1.97	0.05	12.18		0.00E+00	0.00E+00
9	ECO 9	687219.7	4864249.3	1.15E+01	4.80E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
10	ECO 10	686519.0	4861987.6	1.45E+01	6.09E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
11	ECO 11	679870.4	4859737.9	3.91E+01	1.64E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.94		0.00E+00	0.00E+00
12	Recreational 4	681575.5	4860557.7	5.78E+01	2.41E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.04		0.00E+00	0.00E+00
13	Future Industrial 9	680704.5	4859857.8	9.72E+01	4.07E-02	0.05	3.03	0.01	8.27	0.90	5.64	1.20	23.10	0.28	1.31	5.36	1.97	0.05	12.23		0.00E+00	0.00E+00
14	Future Industrial 10	680608.0	4860719.6	1.15E+02	4.81E-02	0.05	3.03	0.01	8.27	0.90	5.64	1.20	23.11	0.28	1.31	5.39	1.97	0.06	12.32		0.00E+00	0.00E+00
15	Harmony Creek	673992.4	4865641.4	7.55E+00	3.16E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
16	Farewell Creek	678079.2	4868822.7	8.78E+00	3.68E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
17	Farmer	681378.6	4860335.0	5.87E+01	2.46E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.04		0.00E+00	0.00E+00
18	Watson Farm	682883.4	4864219.7	2.09E+01	8.75E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
19	Racanski Farm	678929.2	4865530.2	1.25E+01	5.26E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
20	Zoo	687216.8	4864835.3	1.11E+01	4.66E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9	2.03E+01	8.49E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2	2.89E+01	1.21E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
23	OPG 1	682258.1	4860045.0	3.41E+01	1.43E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.92		0.00E+00	0.00E+00
24	OPG 2	682551.4	4859889.1	3.19E+01	1.34E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91		0.00E+00	0.00E+00
25	OPG 3	682824.6	4859759.3	2.82E+01	1.18E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
26	OPG 4	683021.6	4859937.3	2.76E+01	1.16E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
27	OPG 5	683318.2	4859677.8	2.26E+01	9.48E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
28	OPG 6	683306.9	4860023.0	3.42E+01	1.43E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.92		0.00E+00	0.00E+00
29	OPG 7	683718.6	4859915.8	2.35E+01	9.85E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
30	OPG 8	682702.0	4859998.6	2.66E+01	1.12E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
31	OPG 9	684347.7	4861184.6	2.04E+01	8.55E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
32	OPG 10	682157.2	4861228.2	5.01E+01	2.10E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.00		0.00E+00	0.00E+00
33	St. Mary s 1	684557.0	4861070.0	2.77E+01	1.16E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
34	St. Mary s 2	684657.3	4861320.8	1.84E+01	7.72E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
35	St. Mary s 3	684905.3	4861154.4	2.43E+01	1.02E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
36	Court. Subdivision 1	677328.4	4862976.1	2.23E+01	9.36E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
37	Court. Subdivision 2	676187.9	4862611.1	2.81E+01	1.18E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
38	Court. Subdivision 3	675974.8	4863484.1	1.80E+01	7.56E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
39	Court. Subdivision 4	676606.1	4863214.1	1.74E+01	7.31E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
40	Court. Subdivision 5	676827.1	4863591.4	1.86E+01	7.81E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
41	Court. Subdivision 6	677200.4	4864074.9	2.07E+01	8.65E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
42	Court. Subdivision 7	677719.8	4863625.1	2.73E+01	1.15E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.88		0.00E+00	0.00E+00
43	Court. Subdivision 8	678271.6	4864200.6	1.82E+01	7.65E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
44	Court. Subdivision 9	678184.4	4863373.6	4.89E+01	2.05E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.30	1.97	0.03	11.99		0.00E+00	0.00E+00
45	Court. Subdivision 10	677179.7	4862499.5	2.28E+01	9.55E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
46	Bow. Subdivision 1	683536.7	4																			

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dichloropropene, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	(ug/m3)	(ug/m3)																	
							1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02		5.10E-03	0.07			
55	Bow. Subdivision 10	685266.0	4863243.1	1.78E+01	7.45E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3	3.96E+01	1.66E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.95		0.00E+00	0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8	2.72E+01	1.14E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.88		0.00E+00	0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0	2.26E+01	9.49E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1	2.23E+01	9.36E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3	2.52E+01	1.06E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2	2.57E+01	1.08E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2	2.41E+01	1.01E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7	2.74E+01	1.15E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.88		0.00E+00	0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3	2.36E+01	9.87E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8	2.13E+01	8.93E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7	1.75E+01	7.35E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
67	Daycare B	685172.4	4863933.1	1.18E+01	4.93E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
68	Daycare C	685452.0	4863104.4	1.77E+01	7.43E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
69	Daycare D	685527.7	4864693.3	1.34E+01	5.61E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
70	Daycare E	685735.4	4864790.8	1.13E+01	4.75E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
71	Daycare F	685520.3	4864854.3	1.38E+01	5.80E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
72	Daycare G	685441.9	4864878.0	1.43E+01	6.00E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
73	Daycare H	686364.8	4864707.8	1.18E+01	4.95E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
74	Daycare I	685721.6	4865127.3	1.07E+01	4.51E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
75	Daycare J	678256.3	4863565.4	6.04E+01	2.53E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.05		0.00E+00	0.00E+00
76	Daycare K	677694.1	4864043.7	2.10E+01	8.79E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
77	Daycare L	676479.5	4862526.2	3.12E+01	1.31E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90		0.00E+00	0.00E+00
78	Daycare M	678320.9	4864763.5	1.64E+01	6.88E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
79	Daycare N	678513.4	4865058.0	1.37E+01	5.72E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
80	Daycare O	672788.7	4863936.6	1.40E+01	5.85E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
81	Daycare P	673952.8	4863592.5	2.04E+01	8.54E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
82	Daycare Q	671751.8	4864887.7	1.38E+01	5.78E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
83	Daycare R	685714.4	4864667.4	1.23E+01	5.15E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
84	Daycare S	684177.9	4863618.2	2.07E+01	8.66E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
85	Daycare T	678423.6	4864480.4	1.92E+01	8.03E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
86	Daycare U	685330.5	4863435.1	1.95E+01	8.16E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
87	Daycare V	685153.2	4863236.9	2.06E+01	8.65E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
88	Daycare W	672679.0	4862044.9	1.06E+01	4.46E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
89	Daycare X	672076.5	4865285.8	1.08E+01	4.54E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
90	Daycare Y	672638.0	4859664.4	7.99E+00	3.35E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
91	Daycare Z	673735.9	4858958.0	1.30E+01	5.46E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
92	Daycare AA	673121.8	4863385.9	1.70E+01	7.12E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
93	Daycare BB	673904.8	4862282.2	2.09E+01	8.75E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
94	Daycare CC	671471.6	4861795.3	9.17E+00	3.84E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
95	Daycare DD	673057.3	4862625.6	1.28E+01	5.38E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
96	Daycare EE	674917.1	4863957.2	1.23E+01	5.16E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
97	Daycare FF	671356.6	4862954.4	8.75E+00	3.66E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
98	Daycare GG	671675.5	4862705.8	8.78E+00	3.68E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
99	Daycare HH	671604.8	4860138.1	9.67E+00	4.05E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
100	Daycare II	670945.2	4857983.8	8.41E+00	3.53E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
101	Daycare JJ	677514.6	4864744.1	1.56E+01	6.56E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
102	Daycare KK	676519.9	4862680.1	2.51E+01	1.05E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
103	Daycare LL	677660.6	4863601.3	2.70E+01	1.13E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
104	Court. Subdivision 11	677665.8	4863406.6	3.39E+01	1.42E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.92		0.00E+00	0.00E+00
105	Daycare NN	674866.3	4864667.2	9.58E+00	4.01E-03	0.0																

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	(ug/m3)	(ug/m3)																	
112	Hospital	671712.7	4862364.1	8.17E+00	3.42E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
113	Retirement Residence A	684199.9	4864120.3	2.19E+01	9.18E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
114	Retirement Residence B	685483.9	4865150.9	1.22E+01	5.11E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
115	Retirement Residence C	686844.0	4864732.1	1.23E+01	5.17E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
116	Retirement Residence D	673481.7	4863343.4	1.76E+01	7.38E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
117	Retirement Residence E	671825.2	4864399.0	1.37E+01	5.72E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
118	Retirement Residence F	671606.3	4864536.0	1.36E+01	5.70E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
119	Retirement Residence G	671357.1	4862958.7	8.76E+00	3.67E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
120	Retirement Residence H	671514.0	4862262.9	7.78E+00	3.26E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
121	Retirement Residence I	672602.2	4863075.9	1.11E+01	4.65E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
122	Retirement Residence J	671719.1	4862893.1	8.88E+00	3.72E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
123	Retirement Residence K	686718.0	4865648.7	8.71E+00	3.65E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
124	Retirement Residence L	676168.7	4865669.9	1.48E+01	6.19E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
125	Retirement Residence M	676118.5	4863980.7	1.88E+01	7.89E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7	1.75E+01	7.35E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
127	Primary School B	685384.8	4863575.3	1.80E+01	7.54E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
128	Primary School C	685021.6	4863952.9	1.44E+01	6.03E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
129	Primary School D	686237.0	4864085.5	1.44E+01	6.04E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
130	Primary School E	686719.0	4863734.7	1.14E+01	4.79E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
131	Primary School F	686357.0	4864754.9	1.16E+01	4.84E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
132	Primary School G	685502.0	4865013.4	1.27E+01	5.33E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
133	Primary School H	686726.7	4866061.5	8.32E+00	3.49E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
134	Primary School I	685186.2	4866568.2	2.37E+01	9.92E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
135	Primary School J	685965.3	4866979.0	1.09E+01	4.57E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
136	Primary School K	677709.9	4864726.5	1.66E+01	6.95E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
137	Primary School L	675988.3	4864270.2	1.63E+01	6.85E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
138	Primary School M	676608.7	4862739.0	2.10E+01	8.82E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
139	Primary School N	677222.2	4863759.1	2.45E+01	1.03E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
140	Primary School O	678154.9	4863872.7	3.63E+01	1.52E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93		0.00E+00	0.00E+00
141	Court. Subdivision 12	678309.6	4863600.8	5.57E+01	2.33E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.03	12.03		0.00E+00	0.00E+00
142	Primary School Q	677010.6	4862470.6	2.42E+01	1.02E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
143	Primary School R	677431.3	4866694.7	1.04E+01	4.37E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
144	Primary School S	675266.2	4863562.9	2.17E+01	9.09E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
145	Primary School T	673479.2	4860029.4	9.97E+00	4.18E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
146	Primary School U	670856.0	4860710.6	5.58E+00	2.34E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
147	Primary School V	672660.2	4863909.2	1.30E+01	5.45E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
148	Primary School W	672735.2	4859232.9	1.04E+01	4.37E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
149	Primary School X	673575.8	4862688.6	1.19E+01	4.98E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
150	Primary School Y	673710.3	4861969.0	2.27E+01	9.51E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
151	Primary School Z	672366.0	4859928.1	9.25E+00	3.87E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
152	Primary School AA	672561.7	4866047.1	7.11E+00	2.98E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
153	Primary School BB	675095.1	4862930.4	2.52E+01	1.06E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
154	Primary School CC	673242.6	4865197.9	7.60E+00	3.19E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
155	Primary School DD	674164.9	4863031.3	2.14E+01	8.98E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
156	Primary School EE	671905.6	4864697.8	1.47E+01	6.17E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
157	Primary School FF	673294.9	4858774.5	9.24E+00	3.87E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
158	Primary School GG	671659.7																				



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dichloropropene, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	(ug/m3)	(ug/m3)																	
							1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02		5.10E-03	0.07			
169	Primary School RR	671351.4	4863284.0	8.38E+00	3.51E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
170	Primary School SS	673213.9	4862125.5	1.69E+01	7.10E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
171	Primary School TT	671017.9	4860953.7	5.67E+00	2.37E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
172	Primary School UU	670991.0	4861089.8	5.54E+00	2.32E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.78		0.00E+00	0.00E+00
173	Primary School VV	674150.1	4862294.8	1.95E+01	8.17E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
174	Primary School WW	672005.2	4861707.9	8.88E+00	3.72E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
175	Primary School XX	684172.1	4863615.6	2.08E+01	8.73E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
176	Primary School YY	683923.3	4866636.4	1.31E+01	5.48E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
177	Primary School ZZ	680446.0	4865770.5	1.29E+01	5.39E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
178	Vacant School	685612.9	4864520.0	1.24E+01	5.20E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
179	Secondary School A	686291.4	4865064.3	1.14E+01	4.78E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
180	Secondary School B	683875.0	4864741.7	1.69E+01	7.07E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
181	Secondary School C	684650.3	4866460.3	1.23E+01	5.16E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
182	Secondary School D	678099.5	4864838.2	1.45E+01	6.09E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
183	Secondary School E	678467.0	4863431.2	3.66E+01	1.53E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93		0.00E+00	0.00E+00
184	Secondary School F	674144.9	4862762.7	2.07E+01	8.69E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
185	Secondary School G	673816.0	4864357.1	1.25E+01	5.23E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
186	Secondary School H	673145.4	4858569.0	8.90E+00	3.73E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
187	Secondary School I	671291.7	4863581.3	1.01E+01	4.24E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
188	Secondary School J	671443.2	4861664.9	9.04E+00	3.79E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
189	Secondary School K	673235.3	4860885.0	1.05E+01	4.41E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
190	Secondary School L	684252.7	4866500.5	1.49E+01	6.25E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
191	Secondary School M	673914.1	4859551.7	1.43E+01	5.97E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
192	Secondary School N	675051.5	4864177.2	1.19E+01	4.98E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
193	Adult School	685276.1	4866019.8	1.31E+01	5.48E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
194	Bow. Valley Cons. 1	685356.6	4864521.2	1.52E+01	6.37E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
195	Bow. Valley Cons. 2	685627.7	4864167.8	1.15E+01	4.80E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
196	Bow. Valley Cons. 4	685852.7	4863640.2	1.54E+01	6.45E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
197	Bow. Valley Cons. 5	686163.1	4863621.5	1.30E+01	5.44E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
198	Bow. Valley Cons. 6	685931.9	4863380.6	1.38E+01	5.77E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
199	Maple Grove 1	681688.5	4864717.0	2.47E+01	1.03E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
200	Maple Grove 2	681768.9	4864631.8	2.44E+01	1.02E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
201	Maple Grove 3	681894.9	4864506.8	2.34E+01	9.81E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
202	Maple Grove 4	681974.8	4864443.2	2.57E+01	1.08E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
203	Maple Grove 5	681942.2	4864676.7	1.97E+01	8.27E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
204	Maple Grove 6	682053.2	4864586.2	2.28E+01	9.58E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
205	Maple Grove 7	682168.5	4864631.3	1.91E+01	8.04E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
206	Maple Grove 8	682261.7	4864520.9	2.00E+01	8.38E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
207	Maple Grove 9	682382.1	4864589.4	1.99E+01	8.35E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
208	Maple Grove 10	682459.8	4864499.2	2.04E+01	8.53E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85		0.00E+00	0.00E+00
209	Port Darlington 1	686227.8	4861159.0	2.30E+01	9.62E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
210	Port Darlington 2	686184.8	4861252.0	1.61E+01	6.73E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
211	Port Darlington 3	686151.2	4861286.8	1.40E+01	5.86E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
212	Port Darlington 4	686351.1	4861341.6	1.41E+01	5.93E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
213	Port Darlington 5	686406.8	4861448.7	1.32E+01	5.54E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
214	Port Darlington 6	686504.5	4861604.0	1.50E+01																		



Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dichloropropene, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	(ug/m3)	(ug/m3)																	
							1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02		5.10E-03	0.07			
226	Campground 7	678723.9	4860201.8	4.22E+01	1.77E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.96		0.00E+00	0.00E+00
227	Campground 8	678796.0	4860011.4	5.05E+01	2.12E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.00		0.00E+00	0.00E+00
228	Campground 9	678852.7	4859854.2	3.59E+01	1.51E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93		0.00E+00	0.00E+00
229	Solina 1	681099.6	4861677.2	5.28E+01	2.21E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.01		0.00E+00	0.00E+00
230	Solina 2	681115.7	4861857.7	4.25E+01	1.78E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.96		0.00E+00	0.00E+00
231	Solina 3	680987.4	4861983.5	3.53E+01	1.48E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.92		0.00E+00	0.00E+00
232	Solina 4	680965.0	4862068.1	3.66E+01	1.54E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93		0.00E+00	0.00E+00
233	Solina 5	681021.5	4862086.7	3.19E+01	1.34E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91		0.00E+00	0.00E+00
234	Solina 6	680939.8	4862124.3	3.87E+01	1.62E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.94		0.00E+00	0.00E+00
235	Solina 7	680988.2	4862183.6	3.54E+01	1.48E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.92		0.00E+00	0.00E+00
236	Solina 8	680984.6	4862209.8	3.59E+01	1.51E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93		0.00E+00	0.00E+00
237	Solina 9	680958.6	4862294.9	3.58E+01	1.50E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93		0.00E+00	0.00E+00
238	Solina 10	680858.0	4862324.3	3.35E+01	1.40E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91		0.00E+00	0.00E+00
239	Solina 11	680990.3	4862403.5	3.37E+01	1.41E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.92		0.00E+00	0.00E+00
240	Recreational 1	681545.0	4860865.0	3.92E+01	1.64E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.94		0.00E+00	0.00E+00
241	Recreational 2	681563.7	4860687.4	5.59E+01	2.34E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.03	12.03		0.00E+00	0.00E+00
242	Recreational 3	681579.7	4860610.0	5.72E+01	2.39E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.03	12.03		0.00E+00	0.00E+00
243	Recreational 6	681876.6	4860254.4	6.28E+01	2.63E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.06		0.00E+00	0.00E+00
244	Recreational 7	682166.9	4860324.4	5.51E+01	2.31E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.02		0.00E+00	0.00E+00
245	Darlington 1	679565.4	4861052.9	7.64E+01	3.20E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.34	1.97	0.04	12.13		0.00E+00	0.00E+00
246	Darlington 2	679452.9	4861051.4	5.97E+01	2.50E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.05		0.00E+00	0.00E+00
247	Darlington 3	679130.5	4860948.8	5.72E+01	2.40E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.03	12.03		0.00E+00	0.00E+00
248	Darlington 4	679112.6	4860941.9	5.80E+01	2.43E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.04		0.00E+00	0.00E+00
249	Darlington 5	679057.6	4860994.1	5.49E+01	2.30E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.02		0.00E+00	0.00E+00
250	Darlington 6	679075.2	4860931.6	5.86E+01	2.45E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.04		0.00E+00	0.00E+00
251	Darlington 7	678814.3	4860843.1	5.76E+01	2.42E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.03	12.04		0.00E+00	0.00E+00
252	Darlington 8	678840.4	4860777.1	6.09E+01	2.55E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.05		0.00E+00	0.00E+00
253	Light Ind. 1	680000.1	4861034.1	5.61E+01	2.35E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.03	12.03		0.00E+00	0.00E+00
254	Light Ind. 2	680060.7	4861056.4	6.22E+01	2.60E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.06		0.00E+00	0.00E+00
255	Light Ind. 3	680291.2	4861151.6	6.55E+01	2.75E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.08		0.00E+00	0.00E+00
256	Light Ind. 4	680536.3	4861204.6	5.00E+01	2.09E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.00		0.00E+00	0.00E+00
257	Light Ind. 5	680350.4	4861290.6	5.97E+01	2.50E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.05		0.00E+00	0.00E+00
258	Light Ind. 6	680306.9	4861275.6	6.43E+01	2.70E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.07		0.00E+00	0.00E+00
259	Light Ind. 7	680267.2	4861262.4	6.72E+01	2.82E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.08		0.00E+00	0.00E+00
260	Light Ind. 8	680233.6	4861250.7	6.79E+01	2.84E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.09		0.00E+00	0.00E+00
261	Light Ind. 9	680175.3	4861227.5	6.57E+01	2.75E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.08		0.00E+00	0.00E+00
262	Light Ind. 10	680092.5	4861185.1	5.65E+01	2.37E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.03	12.03		0.00E+00	0.00E+00
263	Light Ind. 11	680071.6	4861246.6	5.97E+01	2.50E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.05		0.00E+00	0.00E+00
264	Light Ind. 12	680021.4	4861186.9	5.39E+01	2.26E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.02		0.00E+00	0.00E+00
265	Future Industrial 7	680816.2	4860219.3	6.43E+01	2.70E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.07		0.00E+00	0.00E+00
266	Future Industrial 8	680398.0	4860731.8	1.15E+02	4.82E-02	0.05	3.03	0.01	8.27	0.90	5.64	1.20	23.11	0.28	1.31	5.39	1.97	0.06	12.32		0.00E+00	0.00E+00
267	Future Industrial 1	680359.6	4859959.2	7.29E+01	3.05E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.33	1.97	0.04	12.11		0.00E+00	0.00E+00
268	Future Industrial 2	680083.7	4859985.7	8.11E+01	3.40E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.34	1.97	0.04	12.15		0.00E+00	0.00E+00
269	Future Industrial 3	680819.9	4860705.3	1.10E+02	4.59E-02	0.05	3.03	0.01	8.27	0.90	5.64	1.20	23.11	0.28	1.31	5.38	1.97	0.05	12.30		0.00E+00	0.00E+00
270	Future Industrial 4	681070.0	4859937.2	5.94E+01	2.49E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.04		0.00E+00	0.00E+00
271	Future Industrial 5	679898.8	4860067.4	7.65E+01	3.21E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.34	1.97	0.04	12.13		0.00E+00	0.00E+00
272	Future Industrial 6	680134.8	4860694.1	6.75E+01	2.82E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.08		0.00E+00	0.00E+00
273	Future Industrial 11	680253.7	4860255.2	1.19E+02	4.95E-02	0.05	3.03	0.01	8.28	0.90	5.64	1.20	23.11	0.28	1.31	5.40	1.97	0.06	12.34		0.00E+00	0.00E+00
274	Future Industrial 12	679901.2	4860511.8	6.33E+01	2.65E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.06		0.00E+00	0.00E+00
275	Commercial Farmer	679867.8	4860445.4	8.00E+01	3.35E-02	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.34	1.97	0.04	12.15		0.00E+00	0.00E+00
276	Farmer	6792																				

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dichloropropene, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	(ug/m3)	(ug/m3)																	
							1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02		5.10E-03	0.07			
283	Residence	680683.5	4861597.9	3.78E+01	1.58E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.94		0.00E+00	0.00E+00
284	Business	680064.3	4861343.7	6.28E+01	2.63E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.06		0.00E+00	0.00E+00
285	Farmer	679680.1	4861213.5	6.41E+01	2.69E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.07		0.00E+00	0.00E+00
286	Farmer	681344.8	4861792.9	4.26E+01	1.79E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.96		0.00E+00	0.00E+00
287	Youth Centre	685644.2	4864814.8	1.23E+01	5.15E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
288	Bowmanville Arena	685462.9	4864615.2	1.42E+01	5.95E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
289	Bowmanville Rec Complex	684160.3	4864604.5	1.55E+01	6.51E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
290	Recreation Complex	684586.6	4862406.3	1.81E+01	7.57E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
291	Superdog Central	681487.7	4865723.3	1.11E+01	4.66E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
292	Equestrian Centre	681567.1	4863670.7	3.51E+01	1.47E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.92		0.00E+00	0.00E+00
293	Flea Market	678574.6	4862819.4	2.63E+01	1.10E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88		0.00E+00	0.00E+00
294	Equestrian Centre	680030.8	4867320.2	9.51E+00	3.99E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
295	Courtice Community Complex	678099.3	4864629.8	1.36E+01	5.68E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
296	Former Restaurant	679830.2	4860702.2	5.13E+01	2.15E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.00		0.00E+00	0.00E+00
297	Commercial	679364.8	4861016.0	5.25E+01	2.20E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.01		0.00E+00	0.00E+00
298	GM Oshawa Headquarters	676418.3	4860463.7	2.83E+01	1.19E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
299	Farm A?	682972.3	4862201.9	2.98E+01	1.25E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.90		0.00E+00	0.00E+00
300	Farm B?	683546.9	4861959.7	2.41E+01	1.01E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
301	Farm C?	682547.5	4862321.1	2.81E+01	1.18E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
302	Farm D?	683238.3	4862393.3	2.89E+01	1.21E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89		0.00E+00	0.00E+00
303	Farm E?	682512.6	4862858.0	3.70E+01	1.55E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93		0.00E+00	0.00E+00
304	Farm F?	683129.1	4863649.4	2.47E+01	1.03E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
305	Bennett 1	688209.3	4862512.1	1.00E+01	4.20E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
306	Bennett 2	687990.0	4863221.3	9.41E+00	3.94E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
307	Bennett 3	688818.4	4862836.3	7.94E+00	3.33E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
308	Bennett 4	689045.1	4863365.5	9.18E+00	3.85E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
309	Bennett 5	688270.5	4863763.1	8.99E+00	3.77E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
310	Bennett 6	689908.5	4863100.5	6.81E+00	2.85E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
311	Bennett 7	688929.9	4864392.0	1.33E+01	5.58E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
312	Bennett 8	689684.2	4863837.7	7.76E+00	3.25E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
313	Soper 1	687557.9	4862512.4	1.11E+01	4.64E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
314	Soper 2	687241.9	4863171.7	1.30E+01	5.47E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
315	Soper 3	687023.2	4863903.8	1.10E+01	4.61E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
316	Soper 4	688158.2	4865389.3	1.08E+01	4.51E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
317	Soper 5	685027.3	4868253.9	8.43E+00	3.53E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
318	Soper 6	687287.4	4867037.3	9.69E+00	4.06E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
319	Soper 7	685683.2	4867148.1	1.58E+01	6.62E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
320	Soper 8	686748.7	4865874.7	8.10E+00	3.39E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
321	Bowmanville 1	687026.3	4862368.4	1.21E+01	5.09E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
322	Bowmanville 2	686625.7	4863020.3	1.79E+01	7.49E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
323	Bowmanville 3	683380.3	4865365.9	1.87E+01	7.83E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
324	Bowmanville 4	683111.4	4867150.3	1.19E+01	4.97E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
325	Bowmanville 5	682452.2	4869417.5	8.23E+00	3.45E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
326	Bowmanville 6	684778.5	4864888.2	1.36E+01	5.72E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
327	Bowmanville 7	684549.5	4866404.4	1.32E+01	5.54E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81		0.00E+00	0.00E+00
328	Upper Tooley 1	679944.8	4864883.1	1.39E+01	5.82E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
329	Upper Tooley 2	679055.1	4863885.8	4.34E+01	1.82E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.96		0.00E+00	0.00E+00
330	Upper Tooley 3	679714.0	4862767.4	1.92E+01	8.06E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
331	Upper Tooley 4	678898.8	4861800.6	4.62E+01	1.94E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.98		0.00E+00	0.00E+00
332	Upper Tooley 5	680353.5	4862156.5	3.32E+01	1.39E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91		0.00E+00	0.00E+00
333	Upper Tooley 6	679818.1	4861625.7	4.89E+01																		

Appendix F - 6: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Maximum Predicted NOx Concentration	Maximum Predicted Bromoform Concentration	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichloroethylene	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	(ug/m3)	(ug/m3)		1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02		5.10E-03	0.07			
340	F/B 1	677443.1	4867862.1	1.17E+01	4.89E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
341	F/B 2	679667.4	4866611.4	1.25E+01	5.25E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
342	F/B 3	678655.0	4867470.1	8.90E+00	3.73E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
343	F/B 4	676191.2	4866844.7	9.01E+00	3.78E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
344	F/B 5	678273.3	4866093.0	1.61E+01	6.76E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
345	F/B 6	681241.2	4867098.8	1.14E+01	4.79E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
346	F/B 7	682165.3	4868082.3	9.00E+00	3.77E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
347	F/B 8	679366.6	4868628.3	1.06E+01	4.46E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
348	F/B 9	680310.1	4869967.1	8.03E+00	3.37E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
349	F/B 10	676487.3	4869291.6	8.02E+00	3.36E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
350	F/B 11	676851.4	4865409.3	1.15E+01	4.80E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
351	F/B 12	681153.3	4868682.2	8.32E+00	3.48E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
352	F/B 13	675416.3	4859833.9	1.34E+01	5.61E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81	0.00E+00	0.00E+00	
353	Second 1	675153.4	4860552.8	2.49E+01	1.04E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
354	Second 2	675297.5	4860891.3	2.47E+01	1.03E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
355	Second 3	675647.2	4860644.9	2.90E+01	1.22E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
356	Second 4	675670.5	4860076.5	1.72E+01	7.22E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
357	Second 5	676043.3	4860319.1	2.51E+01	1.05E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
358	Second 6	675923.4	4859821.4	1.62E+01	6.80E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
359	McLaughlin Bay 1	676714.7	4860903.8	2.48E+01	1.04E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
360	McLaughlin Bay 2	677310.8	4860528.2	3.03E+01	1.27E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90	0.00E+00	0.00E+00	
361	McLaughlin Bay 3	676563.5	4860260.1	2.16E+01	9.03E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
362	McLaughlin Bay 4	676699.5	4859696.6	3.11E+01	1.31E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90	0.00E+00	0.00E+00	
363	McLaughlin Bay 5	677560.0	4860060.1	2.05E+01	8.61E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
364	McLaughlin Bay 6	678204.5	4859832.5	4.12E+01	1.73E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.95	0.00E+00	0.00E+00	
365	Harmony Creek 1	674178.3	4861024.2	1.51E+01	6.32E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
366	Harmony Creek 2	674592.0	4862605.3	2.45E+01	1.03E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
367	Harmony Creek 3	672863.4	4862808.0	9.87E+00	4.14E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
368	Harmony Creek 4	675671.6	4864469.0	1.36E+01	5.69E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
369	Harmony Creek 5	672443.1	4864713.0	1.41E+01	5.92E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
370	Harmony Creek 6	674830.5	4866909.6	1.19E+01	4.98E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
371	Harmony Creek 7	675799.9	4868594.1	1.01E+01	4.24E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
372	Westside 1	686082.6	4862776.6	2.03E+01	8.51E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
373	Westside 2	685778.7	4862137.9	1.82E+01	7.62E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
374	Westside 3	685084.2	4862827.4	1.60E+01	6.71E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
375	Darlington 1	680977.5	4865674.4	1.62E+01	6.77E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
376	Darlington 2	680913.9	4863967.1	2.46E+01	1.03E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
377	Darlington 3	682602.8	4863659.6	2.83E+01	1.19E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
378	Darlington 4	682206.4	4862910.4	2.83E+01	1.19E-02	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
379	Darlington 5	683223.2	4861114.0	2.12E+01	8.90E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
380	Darlington 6	683947.7	4862362.0	1.70E+01	7.13E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
381	Darlington 7	685361.9	4861143.4	1.97E+01	8.24E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85	0.00E+00	0.00E+00	
382	Bennett ECO/HH	688606.4	4862634.8	1.05E+01	4.41E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
383	Oshawa ECO/HH	673884.9	4859128.9	1.73E+01	7.23E-03	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
384	Oshawa Creek 1	671671.2	4862793.7	8.55E+00	3.58E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
385	Oshawa Creek 2	671668.5	4861589.5	8.72E+00	3.66E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
386	Oshawa Creek 3	672820.2	4861287.2	9.63E+00	4.03E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
387	Oshawa Creek 4	672360.3	4860262.6	8.96E+00	3.75E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
388	Oshawa Creek 5	673921.2	4860115.0	1.24E+01	5.19E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
389	Oshawa Creek 6	673154.0	4859421.9	1.06E+01	4.46E-03	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
390	Farmer	677409.8	4861051.4	4.03E+01	1.69E-02	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.95	0.00E+00	0.00E+00	
391	Commercial Market	688276.3	4864698.5	1.05E+01	4.41E-03	0.05	3.03	0.01	8.23	0.90	5.64											



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	7.02E-09	8.44E-06	2.37E-08	4.20E-05	4.65E-03	3.20E-04	4.91E-05	2.47E-04		3.90E-05							
1	Campground 10	678526.8	4859996.8		20.74	0.37	0.04	63.20	1031.85	0.85	21.28	36.24	0.22	2.02	2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	
2	ECO 2	675490.4	4860360.1		20.35	0.27	0.03	61.85	1031.35	0.51	20.94	35.90	0.16	1.47	2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	
3	Recreational 5	681642.0	4860349.3		21.56	0.58	0.06	66.02	1032.90	0.80	21.23	36.19	0.35	3.16	2.76E-08	4.67E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.24E-04	
4	ECO 4	676831.5	4859840.9		21.39	0.54	0.05	65.45	1032.69	0.56	21.00	35.95	0.32	2.93	2.73E-08	4.63E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	
5	Bow. Valley Cons. 3	685767.2	4863879.0		20.22	0.24	0.02	61.39	1031.18	0.37	20.80	35.76	0.14	1.28	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
6	ECO 6	679647.8	4859989.3		20.72	0.36	0.04	63.12	1031.82	1.01	21.44	36.39	0.22	1.98	2.62E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	
7	ECO 7	681578.8	4862070.1		21.28	0.51	0.05	65.07	1032.55	0.94	21.37	36.33	0.31	2.77	2.71E-08	4.61E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	
8	ECO 8	679735.5	4861048.6		23.13	0.98	0.10	71.46	1034.92	1.60	22.03	36.99	0.59	5.36	3.03E-08	4.99E-05		0.22	3.32E-03	1.86E-03	8.41E-03	3.39E-04	
9	ECO 9	687219.7	4864249.3		20.12	0.21	0.02	61.06	1031.06	0.31	20.74	35.70	0.13	1.15	2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
10	ECO 10	686519.0	4861987.6		20.19	0.23	0.02	61.29	1031.14	0.38	20.81	35.77	0.14	1.24	2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04	
11	ECO 11	679870.4	4859737.9		21.03	0.44	0.04	64.20	1032.22	0.90	21.33	36.29	0.27	2.42	2.67E-08	4.56E-05		0.21	3.15E-03	1.83E-03	8.29E-03	3.19E-04	
12	Recreational 4	681575.5	4860557.7		21.18	0.48	0.05	64.71	1032.41	0.84	21.27	36.23	0.29	2.63	2.69E-08	4.59E-05		0.21	3.16E-03	1.83E-03	8.30E-03	3.20E-04	
13	Future Industrial 9	680704.5	4859857.8		21.32	0.52	0.05	65.22	1032.60	0.88	21.31	36.27	0.31	2.83	2.72E-08	4.62E-05		0.21	3.18E-03	1.83E-03	8.30E-03	3.21E-04	
14	Future Industrial 10	680608.0	4860719.6		22.57	0.84	0.08	69.53	1034.20	1.31	21.74	36.69	0.50	4.58	2.93E-08	4.88E-05		0.22	3.27E-03	1.85E-03	8.38E-03	3.33E-04	
15	Harmony Creek	673992.4	4865641.4		20.20	0.23	0.02	61.35	1031.16	0.38	20.81	35.77	0.14	1.27	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
16	Farewell Creek	678079.2	4868822.7		20.07	0.20	0.02	60.87	1030.98	0.62	21.05	36.00	0.12	1.07	2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	
17	Farmer	681378.6	4860335.0		21.69	0.61	0.06	66.47	1033.07	0.85	21.28	36.24	0.37	3.34	2.78E-08	4.69E-05		0.22	3.20E-03	1.84E-03	8.33E-03	3.25E-04	
18	Watson Farm	682883.4	4864219.7		21.19	0.49	0.05	64.77	1032.43	0.56	21.00	35.95	0.29	2.65	2.70E-08	4.59E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.20E-04	
19	Racanski Farm	678929.2	4865530.2		20.53	0.32	0.03	62.49	1031.59	0.65	21.08	36.03	0.19	1.73	2.58E-08	4.46E-05		0.21	3.11E-03	1.83E-03	8.26E-03	3.14E-04	
20	Zoo	687216.8	4864835.3		20.01	0.18	0.02	60.69	1030.92	0.32	20.75	35.71	0.11	1.00	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
21	Cedar Crest Beach	686652.1	4861660.9		20.71	0.36	0.04	63.11	1031.82	0.39	20.83	35.78	0.22	1.98	2.62E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	
22	Darlington Prov Park Beach	677844.6	4859718.2		20.82	0.39	0.04	63.47	1031.95	0.64	21.07	36.03	0.23	2.13	2.63E-08	4.52E-05		0.21	3.14E-03	1.83E-03	8.27E-03	3.17E-04	
23	OPG 1	682258.1	4860045.0		21.80	0.64	0.06	66.86	1033.21	0.71	21.14	36.09	0.39	3.50	2.80E-08	4.72E-05		0.22	3.21E-03	1.84E-03	8.33E-03	3.26E-04	
24	OPG 2	682551.4	4859889.1		21.03	0.44	0.04	64.20	1032.22	0.60	21.03	35.99	0.27	2.42	2.67E-08	4.56E-05		0.21	3.15E-03	1.83E-03	8.29E-03	3.19E-04	
25	OPG 3	682824.6	4859759.3		20.91	0.41	0.04	63.78	1032.07	0.56	20.99	35.95	0.25	2.25	2.65E-08	4.53E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	
26	OPG 4	683021.6	4859937.3		21.08	0.46	0.05	64.39	1032.29	0.55	20.98	35.94	0.28	2.50	2.68E-08	4.57E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	
27	OPG 5	683318.2	4859677.8		20.55	0.32	0.03	62.53	1031.60	0.50	20.94	35.89	0.19	1.75	2.59E-08	4.46E-05		0.21	3.11E-03	1.83E-03	8.26E-03	3.14E-04	
28	OPG 6	683306.9	4860023.0		20.94	0.42	0.04	63.91	1032.11	0.53	20.96	35.92	0.25	2.30	2.66E-08	4.54E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	
29	OPG 7	683718.6	4859915.8		20.55	0.32	0.03	62.53	1031.60	0.50	20.94	35.89	0.19	1.74	2.59E-08	4.46E-05		0.21	3.11E-03	1.83E-03	8.26E-03	3.14E-04	
30	OPG 8	682702.0	4859998.6		21.42	0.55	0.05	65.55	1032.73	0.61	21.05	36.00	0.33	2.97	2.74E-08	4.64E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	
31	OPG 9	684347.7	4861184.6		20.62	0.34	0.03	62.80	1031.70	0.47	20.91	35.86	0.20	1.85	2.60E-08	4.48E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	
32	OPG 10	682157.2	4861228.2		21.31	0.52	0.05	65.18	1032.59	0.78	21.21	36.17	0.31	2.82	2.72E-08	4.62E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	
33	St. Mary's 1	684557.0	4861070.0		20.96	0.43	0.04	63.95	1032.13	0.45	20.89	35.84	0.26	2.32	2.66E-08	4.54E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	
34	St. Mary's 2	684657.3	4861320.8		20.45	0.30	0.03	62.21	1031.48	0.46	20.89	35.85	0.18	1.62	2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	
35	St. Mary's 3	684905.3	4861154.4		20.89	0.41	0.04	63.73	1032.05	0.44	20.87	35.82	0.25	2.23	2.65E-08	4.53E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	
36	Court. Subdivision 1	677328.4	4862976.1		20.83	0.39	0.04	63.53	1031.97	0.97	21.41	36.36	0.24	2.15	2.64E-08	4.52E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	
37	Court. Subdivision 2	676187.9	4862611.1		20.50	0.31	0.03	62.37	1031.54	0.48	20.91	35.87	0.19	1.68	2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.13E-04	
38	Court. Subdivision 3	675974.8	4863484.1		19.99	0.18	0.02	60.61	1030.89	0.53	20.96	35.91	0.11	0.97	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	
39	Court. Subdivision 4	676606.1	4863214.1		20.39	0.28	0.03	62.00	1031.41	0.71	21.14	36.10	0.17	1.53	2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	
40	Court. Subdivision 5	676827.1	4863591.4		20.53	0.32	0.03	62.49	1031.59	0.81	21.24	36.19	0.19	1.73	2.58E-08	4.46E-05		0.21	3.11E-03	1.83E-03	8.26E-03	3.14E-04	
41	Court. Subdivision 6	677200.4	4864074.9		20.47	0.30	0.03	62.25	1031.50	0.86	21.29	36.24	0.18	1.63	2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	
42	Court. Subdivision 7	677719.8	4863625.1		20.60	0.34	0.03	62.73	1031.68	0.90	21.33	36.28	0.20	1.82	2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	
43	Court. Subdivision 8	678271.6	4864200.6		20.24	0.24	0.02	61.47	1031.21	0.70	21.13	36.09	0.14	1.31	2.53E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
44	Court. Subdivision 9	678184.4	4863373.6		20.48	0.30	0.03	62.31	1031.52	0.77	21.20	36.16	0.18	1.65	2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	
45	Court. Subdivision 10	677179.7	4862499.5		20.45	0.30	0.03	62.21	1031.48	0.87	21.30	36.26	0.18	1.61	2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	
46	Bow. Subdivision 1	683536.7	4864215.2		20.70	0.36	0.04	63.05	1031.80	0.51	20.94	35.90	0.22	1.95	2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04	
47	Bow. Subdivision 2	683770.0	4863915.1		20.36	0.27	0.03	61.90	1031.37	0.50	20.94	35.89	0.16	1.49	2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	
48	Bow. Subdivision 3	683671.0	4863534.1		20.61	0.34	0.03	62.75	1031.69	0.53	20.96	35.92	0.20	1.84	2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	
49	Bow. Subdivision 4	684501.9	4863847.4		20.61	0.34	0.03	62.75	1031.69	0.45	20.88	35.84	0.20	1.84	2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	
50	Bow. Subdivision 5																						



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	7.02E-09	8.44E-06	2.37E-08	4.20E-05	4.65E-03	3.20E-04	4.91E-05	2.47E-04		3.90E-05							
55	Bow. Subdivision 10	685266.0	4863243.1		20.36	0.27	0.03	61.88	1031.36	0.41	20.84	35.79	0.16	1.48		2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04
56	Osh/Court Subdivision 1	677396.8	4860977.3		21.58	0.59	0.06	66.11	1032.93	0.75	21.18	36.13	0.35	3.19		2.76E-08	4.67E-05		0.22	3.20E-03	1.84E-03	8.32E-03	3.24E-04
57	Osh/Court Subdivision 2	676633.5	4860816.8		20.68	0.35	0.04	62.99	1031.77	0.55	20.98	35.93	0.21	1.93		2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04
58	Osh/Court Subdivision 3	676916.0	4861925.0		20.52	0.31	0.03	62.44	1031.57	0.61	21.04	36.00	0.19	1.71		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04
59	Osh/Court Subdivision 4	676730.5	4861317.1		21.38	0.54	0.05	65.42	1032.68	0.63	21.06	36.02	0.32	2.91		2.73E-08	4.63E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04
60	Osh/Court Subdivision 5	676087.2	4861392.3		20.68	0.35	0.04	62.99	1031.77	0.55	20.98	35.94	0.21	1.93		2.61E-08	4.49E-05		0.21	3.12E-03	1.83E-03	8.27E-03	3.15E-04
61	Osh/Court Subdivision 6	676177.1	4861722.2		20.32	0.26	0.03	61.74	1031.31	0.56	20.99	35.95	0.16	1.42		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04
62	Osh/Court Subdivision 7	675670.7	4861783.2		20.37	0.27	0.03	61.90	1031.37	0.53	20.96	35.92	0.16	1.49		2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04
63	Osh/Court Subdivision 8	676050.8	4862055.7		20.24	0.24	0.02	61.47	1031.21	0.50	20.94	35.89	0.15	1.32		2.53E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
64	Osh/Court Subdivision 9	676636.9	4862134.3		20.37	0.28	0.03	61.92	1031.38	0.56	20.99	35.94	0.17	1.50		2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04
65	Osh/Court Subdivision 10	676571.3	4861634.8		20.44	0.29	0.03	62.16	1031.46	0.59	21.02	35.98	0.18	1.59		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04
66	Bow. Subdivision 11	684649.2	4863182.7		20.37	0.27	0.03	61.90	1031.37	0.45	20.88	35.84	0.16	1.49		2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04
67	Daycare B	685172.4	4863933.1		20.09	0.20	0.02	60.94	1031.01	0.40	20.84	35.79	0.12	1.10		2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
68	Daycare C	685452.0	4863104.4		20.20	0.23	0.02	61.33	1031.16	0.40	20.83	35.78	0.14	1.26		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
69	Daycare D	685527.7	4864693.3		20.28	0.25	0.03	61.62	1031.26	0.38	20.81	35.76	0.15	1.38		2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
70	Daycare E	685735.4	4864790.8		20.22	0.24	0.02	61.41	1031.19	0.37	20.80	35.76	0.14	1.29		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
71	Daycare F	685520.3	4864854.3		20.29	0.25	0.03	61.65	1031.27	0.38	20.81	35.77	0.15	1.39		2.54E-08	4.41E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
72	Daycare G	685441.9	4864878.0		20.26	0.25	0.02	61.54	1031.23	0.38	20.81	35.77	0.15	1.34		2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
73	Daycare H	686364.8	4864707.8		19.94	0.16	0.02	60.42	1030.82	0.34	20.78	35.73	0.10	0.89		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
74	Daycare I	685721.6	4865127.3		20.20	0.23	0.02	61.35	1031.16	0.37	20.81	35.76	0.14	1.27		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
75	Daycare J	678256.3	4863565.4		20.59	0.33	0.03	62.67	1031.66	0.72	21.15	36.11	0.20	1.80		2.59E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04
76	Daycare K	677694.1	4864043.7		20.28	0.25	0.03	61.62	1031.26	0.85	21.28	36.23	0.15	1.38		2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
77	Daycare L	676479.5	4862526.2		20.52	0.31	0.03	62.44	1031.57	0.54	20.97	35.92	0.19	1.71		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04
78	Daycare M	678320.9	4864763.5		20.14	0.22	0.02	61.13	1031.08	0.70	21.13	36.09	0.13	1.18		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
79	Daycare N	678513.4	4865058.0		20.01	0.18	0.02	60.66	1030.91	0.67	21.10	36.06	0.11	0.99		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04
80	Daycare O	672788.7	4863936.6		19.76	0.12	0.01	59.83	1030.60	0.38	20.81	35.76	0.07	0.65		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
81	Daycare P	673952.8	4863592.5		19.87	0.15	0.01	60.20	1030.74	0.41	20.85	35.80	0.09	0.80		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04
82	Daycare Q	671751.8	4864887.7		19.69	0.10	0.01	59.57	1030.50	0.36	20.79	35.75	0.06	0.55		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04
83	Daycare R	685714.4	4864667.4		20.17	0.22	0.02	61.23	1031.12	0.37	20.80	35.76	0.13	1.22		2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04
84	Daycare S	684177.9	4863618.2		20.73	0.37	0.04	63.16	1031.84	0.48	20.91	35.87	0.22	2.00		2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04
85	Daycare T	678423.6	4864480.4		20.18	0.23	0.02	61.27	1031.13	0.67	21.10	36.06	0.14	1.23		2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04
86	Daycare U	685330.5	4863435.1		20.29	0.25	0.03	61.63	1031.27	0.40	20.83	35.79	0.15	1.38		2.54E-08	4.41E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
87	Daycare V	685153.2	4863236.9		20.29	0.25	0.03	61.63	1031.27	0.42	20.85	35.80	0.15	1.38		2.54E-08	4.41E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
88	Daycare W	672679.0	4862044.9		19.84	0.14	0.01	60.08	1030.69	0.39	20.82	35.78	0.08	0.75		2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
89	Daycare X	672076.5	4865285.8		19.79	0.13	0.01	59.91	1030.63	0.37	20.81	35.76	0.08	0.69		2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
90	Daycare Y	672638.0	4859664.4		20.06	0.20	0.02	60.86	1030.98	0.42	20.86	35.81	0.12	1.07		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
91	Daycare Z	673735.9	4858958.0		20.13	0.21	0.02	61.08	1031.06	0.38	20.81	35.77	0.13	1.16		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
92	Daycare AA	673121.8	4863385.9		19.83	0.14	0.01	60.05	1030.68	0.36	20.80	35.75	0.08	0.74		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
93	Daycare BB	673904.8	4862282.2		20.08	0.20	0.02	60.91	1031.00	0.43	20.86	35.82	0.12	1.09		2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
94	Daycare CC	671471.6	4861795.3		19.67	0.09	9.42E-03	59.49	1030.47	0.34	20.77	35.72	0.06	0.51		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.06E-04
95	Daycare DD	673057.3	4862625.6		19.86	0.14	0.01	60.16	1030.72	0.39	20.83	35.78	0.09	0.78		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04
96	Daycare EE	674917.1	4863957.2		19.94	0.16	0.02	60.44	1030.82	0.46	20.89	35.84	0.10	0.90		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
97	Daycare FF	671356.6	4862954.4		19.76	0.12	0.01	59.82	1030.60	0.36	20.80	35.75	0.07	0.65		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
98	Daycare GG	671675.5	4862705.8		19.78	0.12	0.01	59.90	1030.62	0.37	20.81	35.76	0.07	0.68		2.46E-08							

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	7.02E-09	8.44E-06	2.37E-08	4.20E-05	4.65E-03	3.20E-04	4.91E-05	2.47E-04		3.90E-05							
109	Hospital (Children's)	676057.8	4862180.9		20.26	0.25	0.02	61.52	1031.23	0.48	20.91	35.86	0.15	1.34		2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
110	Hospital	671233.2	4863615.9		19.75	0.11	0.01	59.76	1030.57	0.33	20.76	35.71	0.07	0.62		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
111	Comm. Resp. Services	676045.4	4863902.5		20.48	0.30	0.03	62.30	1031.52	0.59	21.02	35.98	0.18	1.65		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04
112	Hospital	671712.7	4862364.1		19.77	0.12	0.01	59.83	1030.60	0.37	20.81	35.76	0.07	0.65		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
113	Retirement Residence A	684199.9	4864120.3		20.40	0.28	0.03	62.01	1031.41	0.46	20.89	35.85	0.17	1.53		2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04
114	Retirement Residence B	685483.9	4865150.9		20.06	0.20	0.02	60.85	1030.98	0.38	20.82	35.77	0.12	1.06		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
115	Retirement Residence C	686844.0	4864732.1		20.04	0.19	0.02	60.79	1030.96	0.33	20.76	35.72	0.11	1.04		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
116	Retirement Residence D	673481.7	4863343.4		19.83	0.14	0.01	60.07	1030.69	0.38	20.81	35.77	0.08	0.75		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
117	Retirement Residence E	671825.2	4864399.0		19.74	0.11	0.01	59.75	1030.57	0.35	20.79	35.74	0.07	0.62		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
118	Retirement Residence F	671606.3	4864536.0		19.74	0.11	0.01	59.73	1030.56	0.35	20.78	35.74	0.07	0.61		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
119	Retirement Residence G	671357.1	4862958.7		19.76	0.12	0.01	59.82	1030.60	0.36	20.80	35.75	0.07	0.65		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
120	Retirement Residence H	671514.0	4862262.9		19.78	0.12	0.01	59.89	1030.62	0.37	20.80	35.75	0.07	0.67		2.46E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04
121	Retirement Residence I	672602.2	4863075.9		19.80	0.13	0.01	59.93	1030.64	0.36	20.80	35.75	0.08	0.69		2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
122	Retirement Residence J	671719.1	4862893.1		19.77	0.12	0.01	59.85	1030.61	0.37	20.80	35.76	0.07	0.66		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04
123	Retirement Residence K	686718.0	4865648.7		20.05	0.19	0.02	60.81	1030.96	0.34	20.77	35.73	0.12	1.05		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
124	Retirement Residence L	676168.7	4865669.9		20.13	0.21	0.02	61.09	1031.07	0.65	21.08	36.04	0.13	1.16		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
125	Retirement Residence M	676118.5	4863980.7		20.51	0.31	0.03	62.39	1031.55	0.62	21.05	36.00	0.19	1.69		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04
126	Bow. Subdivision 12	684649.2	4863182.7		20.37	0.27	0.03	61.90	1031.37	0.45	20.88	35.84	0.16	1.49		2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04
127	Primary School B	685384.8	4863575.3		20.31	0.26	0.03	61.71	1031.30	0.40	20.83	35.78	0.16	1.41		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04
128	Primary School C	685021.6	4863952.9		20.07	0.20	0.02	60.90	1031.00	0.41	20.84	35.80	0.12	1.08		2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
129	Primary School D	686237.0	4864085.5		20.18	0.23	0.02	61.26	1031.13	0.35	20.78	35.73	0.14	1.23		2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04
130	Primary School E	686719.0	4863734.7		20.11	0.21	0.02	61.01	1031.04	0.33	20.76	35.72	0.12	1.13		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
131	Primary School F	686357.0	4864754.9		19.90	0.16	0.02	60.31	1030.78	0.35	20.78	35.73	0.09	0.84		2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04
132	Primary School G	685502.0	4865013.4		20.20	0.23	0.02	61.33	1031.16	0.38	20.81	35.77	0.14	1.26		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
133	Primary School H	686726.7	4866061.5		19.99	0.18	0.02	60.62	1030.89	0.34	20.78	35.73	0.11	0.97		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04
134	Primary School I	685186.2	4866568.2		19.95	0.17	0.02	60.47	1030.83	0.41	20.84	35.79	0.10	0.91		2.48E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
135	Primary School J	685965.3	4866979.0		19.93	0.16	0.02	60.40	1030.81	0.37	20.80	35.75	0.10	0.88		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
136	Primary School K	677709.9	4864726.5		20.12	0.21	0.02	61.04	1031.05	0.80	21.23	36.18	0.13	1.14		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
137	Primary School L	675988.3	4864270.2		20.47	0.30	0.03	62.26	1031.50	0.60	21.04	35.99	0.18	1.64		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04
138	Primary School M	676608.7	4862739.0		20.22	0.24	0.02	61.39	1031.18	0.64	21.07	36.03	0.14	1.28		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
139	Primary School N	677222.2	4863759.1		20.38	0.28	0.03	61.97	1031.39	0.88	21.32	36.27	0.17	1.52		2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04
140	Primary School O	678154.9	4863872.7		20.44	0.29	0.03	62.18	1031.47	0.75	21.18	36.13	0.18	1.60		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04
141	Court. Subdivision 12	678309.6	4863600.8		20.60	0.34	0.03	62.73	1031.68	0.72	21.16	36.11	0.20	1.83		2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04
142	Primary School Q	677010.6	4862470.6		20.49	0.30	0.03	62.32	1031.52	0.78	21.21	36.16	0.18	1.66		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04
143	Primary School R	677431.3	4866694.7		20.17	0.22	0.02	61.22	1031.12	0.71	21.14	36.10	0.13	1.21		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
144	Primary School S	675266.2	4863562.9		20.01	0.18	0.02	60.67	1030.91	0.47	20.90	35.85	0.11	0.99		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04
145	Primary School T	673479.2	4860029.4		19.94	0.16	0.02	60.43	1030.82	0.43	20.87	35.82	0.10	0.90		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
146	Primary School U	670856.0	4860710.6		19.76	0.12	0.01	59.81	1030.59	0.33	20.76	35.72	0.07	0.64		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
147	Primary School V	672660.2	4863909.2		19.79	0.13	0.01	59.91	1030.63	0.37	20.80	35.76	0.08	0.68		2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
148	Primary School W	672735.2	4859232.9		20.51	0.31	0.03	62.42	1031.56	0.42	20.85	35.80	0.19	1.70		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04
149	Primary School X	673575.8	4862688.6		19.83	0.14	0.01	60.07	1030.69	0.40	20.83	35.78	0.08	0.75		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
150	Primary School Y	673710.3	4861969.0		20.13	0.21	0.02	61.09	1031.07	0.42	20.85	35.81	0.13	1.16		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
151	Primary School Z	672366.0	4859928.1		19.84	0.14	0.01	60.07	1030.69	0.40	20.84	35.79	0.08	0.75		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
152	Primary School AA	672561.7	4866047.1		19.88	0.15	0.01	60.23	1030.75	0.37	20.80	35.76	0.09	0.81		2.							

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	7.02E-09	8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04	3.90E-05										
					4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63	5.73									
					19.30			58.22	1030.00		20.43	35.39				2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04
163	Primary School LL	673762.3	4864210.6		19.92	0.16	0.02	60.36	1030.79	0.42	20.86	35.81	0.10	0.86		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
164	Primary School MM	672238.8	4864621.3		19.72	0.11	0.01	59.68	1030.54	0.37	20.81	35.76	0.07	0.59		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
165	Primary School NN	673213.6	4858677.0		19.97	0.17	0.02	60.55	1030.86	0.36	20.79	35.74	0.10	0.94		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
166	Primary School OO	675474.8	4863221.7		20.13	0.21	0.02	61.10	1031.07	0.46	20.89	35.85	0.13	1.16		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
167	Primary School PP	672441.8	4858748.6		19.93	0.16	0.02	60.38	1030.80	0.35	20.78	35.74	0.10	0.88		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
168	Primary School QQ	672796.8	4864438.2		19.78	0.12	0.01	59.88	1030.61	0.39	20.82	35.78	0.07	0.67		2.46E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04
169	Primary School RR	671351.4	4863284.0		19.77	0.12	0.01	59.84	1030.60	0.35	20.78	35.74	0.07	0.65		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04
170	Primary School SS	673213.9	4862125.5		20.01	0.18	0.02	60.67	1030.91	0.41	20.84	35.79	0.11	0.99		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04
171	Primary School TT	671017.9	4860953.7		19.74	0.11	0.01	59.73	1030.56	0.33	20.76	35.72	0.07	0.61		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
172	Primary School UU	670991.0	4861089.8		19.71	0.11	0.01	59.64	1030.53	0.32	20.75	35.71	0.06	0.57		2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
173	Primary School VV	674150.1	4862294.8		20.04	0.19	0.02	60.77	1030.95	0.44	20.87	35.82	0.11	1.03		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04
174	Primary School WW	672005.2	4861707.9		19.71	0.10	0.01	59.63	1030.52	0.35	20.78	35.73	0.06	0.57		2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
175	Primary School XX	684172.1	4863615.6		20.75	0.37	0.04	63.24	1031.87	0.48	20.91	35.87	0.22	2.03		2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04
176	Primary School YY	683923.3	4866636.4		20.13	0.21	0.02	61.10	1031.07	0.45	20.88	35.84	0.13	1.17		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
177	Primary School ZZ	680446.0	4865770.5		20.13	0.21	0.02	61.09	1031.07	0.68	21.11	36.07	0.13	1.16		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
178	Vacant School	685612.9	4864520.0		20.08	0.20	0.02	60.91	1031.00	0.37	20.80	35.76	0.12	1.09		2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
179	Secondary School A	686291.4	4865064.3		19.99	0.18	0.02	60.62	1030.89	0.35	20.78	35.74	0.11	0.97		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04
180	Secondary School B	683875.0	4864741.7		20.69	0.36	0.04	63.03	1031.79	0.46	20.89	35.85	0.21	1.95		2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04
181	Secondary School C	684650.3	4866460.3		20.01	0.18	0.02	60.68	1030.91	0.43	20.86	35.82	0.11	0.99		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04
182	Secondary School D	678099.5	4864838.2		20.09	0.20	0.02	60.94	1031.01	0.74	21.17	36.13	0.12	1.10		2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
183	Secondary School E	678467.0	4863431.2		20.68	0.35	0.04	62.99	1031.77	0.78	21.21	36.17	0.21	1.93		2.61E-08	4.49E-05		0.21	3.12E-03	1.83E-03	8.27E-03	3.15E-04
184	Secondary School F	674144.9	4862762.7		19.87	0.15	0.01	60.20	1030.73	0.39	20.82	35.78	0.09	0.80		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04
185	Secondary School G	673816.0	4864357.1		19.90	0.15	0.02	60.28	1030.77	0.42	20.86	35.81	0.09	0.83		2.48E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04
186	Secondary School H	673145.4	4858569.0		19.96	0.17	0.02	60.52	1030.85	0.35	20.78	35.74	0.10	0.93		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
187	Secondary School I	671291.7	4863581.3		19.76	0.12	0.01	59.80	1030.59	0.33	20.76	35.72	0.07	0.64		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
188	Secondary School J	671443.2	4861664.9		19.64	0.09	8.62E-03	59.38	1030.43	0.33	20.76	35.71	0.05	0.47		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04
189	Secondary School K	673235.3	4860885.0		19.84	0.14	0.01	60.08	1030.69	0.39	20.83	35.78	0.08	0.75		2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
190	Secondary School L	684252.7	4866500.5		20.15	0.22	0.02	61.16	1031.09	0.44	20.87	35.82	0.13	1.19		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
191	Secondary School M	673914.1	4859551.7		20.51	0.31	0.03	62.39	1031.55	0.46	20.89	35.85	0.19	1.69		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04
192	Secondary School N	675051.5	4864177.2		19.94	0.17	0.02	60.45	1030.83	0.45	20.88	35.84	0.10	0.90		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
193	Adult School	685276.1	4866019.8		20.14	0.22	0.02	61.12	1031.08	0.40	20.83	35.79	0.13	1.17		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
194	Bow. Valley Cons. 1	685356.6	4864521.2		20.20	0.23	0.02	61.35	1031.16	0.38	20.81	35.77	0.14	1.27		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
195	Bow. Valley Cons. 2	685627.7	4864167.8		20.01	0.18	0.02	60.69	1030.92	0.37	20.81	35.76	0.11	1.00		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04
196	Bow. Valley Cons. 4	685852.7	4863640.2		20.17	0.22	0.02	61.22	1031.11	0.37	20.80	35.76	0.13	1.21		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
197	Bow. Valley Cons. 5	686163.1	4863621.5		20.23	0.24	0.02	61.43	1031.19	0.35	20.79	35.74	0.14	1.30		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
198	Bow. Valley Cons. 6	685931.9	4863380.6		20.16	0.22	0.02	61.19	1031.10	0.37	20.80	35.76	0.13	1.20		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
199	Maple Grove 1	681688.5	4864717.0		20.49	0.31	0.03	62.34	1031.53	0.70	21.13	36.08	0.18	1.67		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04
200	Maple Grove 2	681768.9	4864631.8		20.43	0.29	0.03	62.14	1031.46	0.69	21.12	36.08	0.17	1.59		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04
201	Maple Grove 3	681894.9	4864506.8		20.36	0.27	0.03	61.88	1031.36	0.68	21.11	36.07	0.16	1.48		2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04
202	Maple Grove 4	681974.8	4864443.2		20.35	0.27	0.03	61.85	1031.35	0.67	21.10	36.06	0.16	1.47		2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04
203	Maple Grove 5	681942.2	4864676.7		20.32	0.26	0.03	61.76	1031.32	0.66	21.10	36.05	0.16	1.43		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04
204	Maple Grove 6	682053.2	4864586.2		20.33	0.26	0.03	61.78	1031.32	0.65	21.09	36.04	0.16	1.44		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04
205	Maple Grove 7	682168.5	4864631.3																				

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	7.02E-09	8.44E-06	2.37E-08	4.20E-05	4.65E-03	3.20E-04	4.91E-05	2.47E-04		3.90E-05							
217	Port Darlington 9	686867.4	4862119.7		20.18	0.23	0.02	61.27	1031.13	0.36	20.80	35.75	0.14	1.23	2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04	
218	Port Darlington 10	687190.7	4862048.8		20.08	0.20	0.02	60.93	1031.01	0.36	20.79	35.74	0.12	1.10	2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
219	Port Darlington 11	687524.4	4862126.8		20.08	0.20	0.02	60.93	1031.01	0.34	20.78	35.73	0.12	1.10	2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
220	Campground 1	678646.3	4860337.7		21.40	0.54	0.05	65.50	1032.71	0.96	21.40	36.35	0.32	2.95	2.73E-08	4.64E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	
221	Campground 2	678410.2	4860148.6		21.43	0.55	0.05	65.57	1032.73	0.86	21.29	36.24	0.33	2.98	2.74E-08	4.64E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	
222	Campground 3	678651.0	4860054.4		20.96	0.43	0.04	63.96	1032.13	0.89	21.32	36.28	0.26	2.32	2.66E-08	4.54E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	
223	Campground 4	678725.9	4859860.7		20.91	0.41	0.04	63.79	1032.07	0.84	21.27	36.23	0.25	2.25	2.65E-08	4.53E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	
224	Campground 5	678511.1	4859808.6		20.68	0.36	0.04	63.00	1031.78	0.79	21.23	36.18	0.21	1.94	2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04	
225	Campground 6	678869.5	4859696.0		20.95	0.42	0.04	63.93	1032.12	0.82	21.25	36.20	0.25	2.31	2.66E-08	4.54E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	
226	Campground 7	678723.9	4860201.8		21.54	0.58	0.06	65.97	1032.88	0.95	21.38	36.34	0.35	3.14	2.76E-08	4.66E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.23E-04	
227	Campground 8	678796.0	4860011.4		20.98	0.43	0.04	64.03	1032.16	0.90	21.33	36.28	0.26	2.35	2.66E-08	4.55E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	
228	Campground 9	678852.7	4859854.2		21.30	0.51	0.05	65.13	1032.57	0.86	21.29	36.25	0.31	2.80	2.72E-08	4.61E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	
229	Solina 1	681099.6	4861677.2		21.25	0.50	0.05	64.98	1032.51	1.11	21.54	36.49	0.30	2.73	2.71E-08	4.61E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	
230	Solina 2	681115.7	4861857.7		21.34	0.53	0.05	65.29	1032.63	1.10	21.53	36.48	0.32	2.86	2.72E-08	4.62E-05		0.21	3.18E-03	1.83E-03	8.31E-03	3.22E-04	
231	Solina 3	680987.4	4861983.5		21.28	0.51	0.05	65.07	1032.54	1.14	21.57	36.52	0.31	2.77	2.71E-08	4.61E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	
232	Solina 4	680965.0	4862068.1		21.23	0.50	0.05	64.89	1032.48	1.13	21.57	36.52	0.30	2.70	2.70E-08	4.60E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.20E-04	
233	Solina 5	681021.5	4862086.7		21.26	0.50	0.05	64.99	1032.52	1.11	21.55	36.50	0.30	2.74	2.71E-08	4.61E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	
234	Solina 6	680939.8	4862124.3		21.20	0.49	0.05	64.79	1032.44	1.14	21.57	36.52	0.29	2.66	2.70E-08	4.59E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.20E-04	
235	Solina 7	680988.2	4862183.6		21.18	0.48	0.05	64.72	1032.42	1.11	21.54	36.50	0.29	2.63	2.70E-08	4.59E-05		0.21	3.16E-03	1.83E-03	8.30E-03	3.20E-04	
236	Solina 8	680984.6	4862209.8		21.16	0.48	0.05	64.65	1032.39	1.11	21.54	36.50	0.29	2.60	2.69E-08	4.59E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.20E-04	
237	Solina 9	680958.6	4862294.9		21.08	0.46	0.05	64.38	1032.29	1.10	21.54	36.49	0.27	2.49	2.68E-08	4.57E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	
238	Solina 10	680858.0	4862324.3		21.14	0.47	0.05	64.59	1032.37	1.13	21.56	36.52	0.28	2.58	2.69E-08	4.58E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.20E-04	
239	Solina 11	680990.3	4862403.5		20.99	0.44	0.04	64.08	1032.18	1.08	21.51	36.46	0.26	2.37	2.66E-08	4.55E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	
240	Recreational 1	681545.0	4860865.0		21.14	0.47	0.05	64.59	1032.37	0.89	21.32	36.28	0.28	2.58	2.69E-08	4.58E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.20E-04	
241	Recreational 2	681563.7	4860687.4		21.34	0.53	0.05	65.28	1032.63	0.86	21.30	36.25	0.32	2.86	2.72E-08	4.62E-05		0.21	3.18E-03	1.83E-03	8.31E-03	3.22E-04	
242	Recreational 3	681579.7	4860610.0		21.40	0.54	0.05	65.47	1032.70	0.85	21.28	36.24	0.32	2.94	2.73E-08	4.63E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	
243	Recreational 6	681876.6	4860254.4		22.05	0.71	0.07	67.74	1033.54	0.76	21.19	36.15	0.42	3.85	2.84E-08	4.77E-05		0.22	3.23E-03	1.84E-03	8.35E-03	3.28E-04	
244	Recreational 7	682166.9	4860324.4		21.44	0.55	0.06	65.62	1032.75	0.70	21.13	36.09	0.33	3.00	2.74E-08	4.64E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	
245	Darlington 1	679565.4	4861052.9		23.24	1.01	0.10	71.83	1035.06	1.51	21.94	36.89	0.61	5.51	3.05E-08	5.01E-05		0.22	3.33E-03	1.86E-03	8.42E-03	3.40E-04	
246	Darlington 2	679452.9	4861051.4		22.82	0.91	0.09	70.39	1034.53	1.45	21.88	36.83	0.54	4.93	2.98E-08	4.93E-05		0.22	3.29E-03	1.85E-03	8.40E-03	3.36E-04	
247	Darlington 3	679130.5	4860948.8		21.95	0.68	0.07	67.40	1033.41	1.26	21.70	36.65	0.41	3.71	2.83E-08	4.75E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	
248	Darlington 4	679112.6	4860941.9		21.98	0.69	0.07	67.50	1033.45	1.25	21.68	36.64	0.41	3.76	2.83E-08	4.76E-05		0.22	3.23E-03	1.84E-03	8.34E-03	3.28E-04	
249	Darlington 5	679057.6	4860994.1		21.89	0.67	0.07	67.19	1033.34	1.24	21.67	36.62	0.40	3.63	2.82E-08	4.74E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	
250	Darlington 6	679075.2	4860931.6		22.00	0.69	0.07	67.55	1033.47	1.23	21.67	36.62	0.42	3.78	2.84E-08	4.76E-05		0.22	3.23E-03	1.84E-03	8.35E-03	3.28E-04	
251	Darlington 7	678814.3	4860843.1		21.60	0.59	0.06	66.16	1032.95	1.10	21.53	36.48	0.35	3.22	2.77E-08	4.68E-05		0.22	3.20E-03	1.84E-03	8.32E-03	3.24E-04	
252	Darlington 8	678840.4	4860777.1		21.57	0.58	0.06	66.08	1032.92	1.10	21.53	36.49	0.35	3.18	2.76E-08	4.67E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.24E-04	
253	Light Ind. 1	680000.1	4861034.1		22.20	0.74	0.07	68.24	1033.72	1.70	22.13	37.08	0.45	4.06	2.87E-08	4.80E-05		0.22	3.24E-03	1.84E-03	8.36E-03	3.30E-04	
254	Light Ind. 2	680060.7	4861056.4		22.23	0.75	0.08	68.35	1033.77	1.71	22.14	37.10	0.45	4.10	2.88E-08	4.81E-05		0.22	3.25E-03	1.85E-03	8.36E-03	3.30E-04	
255	Light Ind. 3	680291.2	4861151.6		22.15	0.73	0.07	68.06	1033.66	1.65	22.08	37.04	0.44	3.98	2.86E-08	4.79E-05		0.22	3.24E-03	1.84E-03	8.35E-03	3.29E-04	
256	Light Ind. 4	680536.3	4861204.6		21.71	0.62	0.06	66.55	1033.10	1.46	21.89	36.85	0.37	3.37	2.79E-08	4.70E-05		0.22	3.21E-03	1.84E-03	8.33E-03	3.25E-04	
257	Light Ind. 5	680350.4	4861290.6		22.00	0.70	0.07	67.57	1033.48	1.59	22.02	36.98	0.42	3.78	2.84E-08	4.76E-05		0.22	3.23E-03	1.84E-03	8.35E-03	3.28E-04	
258	Light Ind. 6	680306.9	4861275.6		21.94	0.68	0.07	67.36	1033.40	1.61	22.05	37.00	0.41	3.70	2.83E-08	4.75E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	
259	Light Ind. 7	680267.2	4861262.4		21.89	0.66	0.07	67.16	1033.32	1.64	22.07	37.03	0.40	3.62	2.82E-08	4.74E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	
260	Light Ind. 8	680233.6	4861250.7		21.88	0.66	0.07	67.15	1033.32	1.66	22.09	37.05	0.40	3.61	2.82E-08	4.73E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	
261	Light Ind. 9	680175.3	4861227.5		21.85	0.66	0.07	67.03	1033.28	1.68	22.12	37.07	0.39	3.57	2.81E-08	4.73E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.26E-04	
262	Light Ind. 10	680092.5	4861185.1		22.00	0.69	0.07	67.56	1033.47	1.71	22.14	37.09	0.42	3.78	2.84E-08	4.76E-05		0.22	3.23E-03	1.84E-03	8.35E-03	3.28E-04	
263	Light Ind. 11	680071.6	4861246.6		21.95	0.68	0.07	67.39	1033.41	1.70	22.14	37.09	0.41	3.71	2.83E-08	4.75E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	
264	Light Ind. 12	680021.4	4861186.9		22.18	0.74	0.07	68.18	1033.70	1.71	22.14	37.10	0.44	4.03	2.87E-08	4.80E-05		0.22	3.24E-03	1.84E-03	8.36E-03	3.29E-04	
265	Future Industrial 7	680816.2	4860219.3		21.04	0.45	0.04	64.22	1032.23	0.96	21.39	36.34	0.27	2.43	2.67E-08	4.56E-05		0.21	3.15E-03	1.83E-03	8.2		



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	7.02E-09	8.44E-06	2.37E-08	4.20E-05	4.65E-03	3.20E-04	4.91E-05	2.47E-04		3.90E-05							
271	Future Industrial 5	679898.8	4860067.4		20.99	0.43	0.04	64.05	1032.17	1.05	21.48	36.44	0.26	2.36	2.66E-08	4.55E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	
272	Future Industrial 6	680134.8	4860694.1		21.89	0.67	0.07	67.16	1033.33	1.60	22.03	36.99	0.40	3.62	2.82E-08	4.74E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	
273	Future Industrial 11	680253.7	4860255.2		21.48	0.56	0.06	65.77	1032.81	1.13	21.56	36.51	0.34	3.06	2.75E-08	4.65E-05		0.22	3.19E-03	1.84E-03	8.31E-03	3.23E-04	
274	Future Industrial 12	679901.2	4860511.8		21.27	0.51	0.05	65.04	1032.54	1.32	21.75	36.71	0.30	2.76	2.71E-08	4.61E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	
275	Commercial Farmer	679867.8	4860445.4		21.34	0.53	0.05	65.29	1032.63	1.27	21.70	36.66	0.32	2.86	2.72E-08	4.62E-05		0.21	3.18E-03	1.83E-03	8.31E-03	3.22E-04	
276	Farmer	679277.0	4859981.5		20.73	0.37	0.04	63.17	1031.84	0.97	21.41	36.36	0.22	2.00	2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	
277	Residence	679387.2	4860648.9		21.62	0.60	0.06	66.26	1032.99	1.24	21.67	36.62	0.36	3.25	2.77E-08	4.68E-05		0.22	3.20E-03	1.84E-03	8.32E-03	3.24E-04	
278	Barn	679261.9	4860574.2		21.49	0.56	0.06	65.80	1032.82	1.17	21.60	36.55	0.34	3.07	2.75E-08	4.65E-05		0.22	3.19E-03	1.84E-03	8.31E-03	3.23E-04	
279	Residence	680150.7	4861295.7		21.68	0.61	0.06	66.45	1033.06	1.68	22.11	37.06	0.37	3.33	2.78E-08	4.69E-05		0.22	3.20E-03	1.84E-03	8.33E-03	3.25E-04	
280	Residence	679939.8	4861213.4		22.14	0.73	0.07	68.03	1033.65	1.69	22.13	37.08	0.44	3.97	2.86E-08	4.79E-05		0.22	3.24E-03	1.84E-03	8.35E-03	3.29E-04	
281	Farmer	680855.7	4861456.9		21.50	0.57	0.06	65.82	1032.83	1.22	21.66	36.61	0.34	3.08	2.75E-08	4.66E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.23E-04	
282	Farmer	681386.2	4861673.3		21.50	0.57	0.06	65.82	1032.83	1.00	21.43	36.39	0.34	3.08	2.75E-08	4.66E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.23E-04	
283	Residence	680683.5	4861597.9		21.70	0.62	0.06	66.51	1033.08	1.32	21.76	36.71	0.37	3.36	2.78E-08	4.70E-05		0.22	3.20E-03	1.84E-03	8.33E-03	3.25E-04	
284	Business	680064.3	4861343.7		21.77	0.63	0.06	66.75	1033.17	1.68	22.12	37.07	0.38	3.45	2.80E-08	4.71E-05		0.22	3.21E-03	1.84E-03	8.33E-03	3.26E-04	
285	Farmer	679680.1	4861213.5		22.44	0.81	0.08	69.08	1034.04	1.60	22.03	36.99	0.48	4.40	2.91E-08	4.85E-05		0.22	3.26E-03	1.85E-03	8.37E-03	3.32E-04	
286	Farmer	681344.8	4861792.9		21.16	0.48	0.05	64.65	1032.39	1.02	21.45	36.41	0.29	2.60	2.69E-08	4.59E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.20E-04	
287	Youth Centre	685644.2	4864814.8		20.28	0.25	0.03	61.60	1031.26	0.37	20.81	35.76	0.15	1.37	2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
288	Bowmanville Arena	685462.9	4864615.2		20.26	0.25	0.02	61.55	1031.24	0.38	20.81	35.76	0.15	1.35	2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	
289	Bowmanville Rec Complex	684160.3	4864604.5		20.47	0.30	0.03	62.26	1031.50	0.45	20.88	35.83	0.18	1.63	2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	
290	Recreation Complex	684586.6	4862406.3		20.36	0.27	0.03	61.88	1031.36	0.46	20.90	35.85	0.16	1.48	2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	
291	Superdog Central	681487.7	4865723.3		20.13	0.21	0.02	61.08	1031.06	0.64	21.07	36.03	0.13	1.16	2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
292	Equestrian Centre	681567.1	4863670.7		20.86	0.40	0.04	63.62	1032.01	0.77	21.20	36.15	0.24	2.19	2.64E-08	4.52E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	
293	Flea Market	678574.6	4862819.4		20.85	0.40	0.04	63.59	1032.00	0.92	21.35	36.31	0.24	2.17	2.64E-08	4.52E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	
294	Equestrian Centre	680030.8	4867320.2		19.84	0.14	0.01	60.10	1030.70	0.53	20.96	35.92	0.08	0.76	2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	
295	Courtice Community Comp	678099.3	4864629.8		20.09	0.20	0.02	60.94	1031.01	0.74	21.17	36.13	0.12	1.10	2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
296	Former Restaurant	679830.2	4860702.2		21.19	0.49	0.05	64.76	1032.43	1.45	21.88	36.83	0.29	2.65	2.70E-08	4.59E-05		0.21	3.16E-03	1.83E-03	8.30E-03	3.20E-04	
297	Commercial	679364.8	4861016.0		22.14	0.73	0.07	68.04	1033.65	1.39	21.83	36.78	0.44	3.97	2.86E-08	4.79E-05		0.22	3.24E-03	1.84E-03	8.35E-03	3.29E-04	
298	GM Oshawa Headquarters	676418.3	4860463.7		20.77	0.38	0.04	63.30	1031.89	0.58	21.01	35.96	0.23	2.06	2.62E-08	4.51E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	
299	Farm A?	682972.3	4862201.9		20.66	0.35	0.03	62.92	1031.75	0.65	21.08	36.04	0.21	1.90	2.61E-08	4.48E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	
300	Farm B?	683546.9	4861959.7		20.75	0.37	0.04	63.23	1031.86	0.57	21.00	35.96	0.22	2.03	2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	
301	Farm C?	682547.5	4862321.1		21.10	0.46	0.05	64.44	1032.31	0.72	21.15	36.11	0.28	2.52	2.68E-08	4.57E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	
302	Farm D?	683238.3	4862393.3		20.51	0.31	0.03	62.42	1031.56	0.61	21.04	36.00	0.19	1.70	2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04	
303	Farm E?	682512.6	4862858.0		21.26	0.50	0.05	65.01	1032.52	0.70	21.14	36.09	0.30	2.75	2.71E-08	4.61E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	
304	Farm F?	683129.1	4863649.4		20.79	0.38	0.04	63.37	1031.91	0.58	21.01	35.96	0.23	2.08	2.63E-08	4.51E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	
305	Bennett 1	688209.3	4862512.1		20.01	0.18	0.02	60.68	1030.92	0.32	20.75	35.70	0.11	1.00	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
306	Bennett 2	687990.0	4863221.3		19.90	0.15	0.02	60.28	1030.77	0.28	20.72	35.67	0.09	0.83	2.48E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	
307	Bennett 3	688818.4	4862836.3		19.94	0.16	0.02	60.44	1030.82	0.29	20.73	35.68	0.10	0.90	2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	
308	Bennett 4	689045.1	4863365.5		19.96	0.17	0.02	60.50	1030.85	0.26	20.70	35.65	0.10	0.92	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	
309	Bennett 5	688270.5	4863763.1		20.03	0.19	0.02	60.74	1030.94	0.28	20.71	35.67	0.11	1.02	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
310	Bennett 6	689908.5	4863100.5		19.85	0.14	0.01	60.14	1030.71	0.27	20.71	35.66	0.09	0.78	2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	
311	Bennett 7	688929.9	4864392.0		20.37	0.27	0.03	61.92	1031.37	0.36	20.79	35.75	0.16	1.50	2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	
312	Bennett 8	689684.2	4863837.7		19.88	0.15	0.01	60.22	1030.74	0.25	20.68	35.64	0.09	0.81	2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	
313	Soper 1	687557.9	4862512.4		20.03	0.19	0.02	60.76	1030.94	0.33	20.76	35.71	0.11	1.03	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
314	Soper 2	687241.9	4863171.7		19.93	0.16	0.02	60.39	1030.81	0.31	20.74	35.70	0.10	0.88	2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	
315	Soper 3	687023.2	4863903.8		20.08	0.20	0.02	60.93	1031.01	0.32	20.75	35.70	0.12	1.10	2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	
316	Soper 4	688158.2	4865389.3		20.01	0.18	0.02	60.66	1030.91	0.30	20.73	35.69	0.11	0.99	2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
317	Soper 5	685027.3	4868253.9		20.02	0.19	0.02	60.72	1030.93	0.39	20.82	35.77	0.11	1.01	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	
318	Soper 6	687287.4	4867037.3		19.79	0.13	0.01	59.90	1030.63	0.33	20.76	35.72	0.08	0.68	2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	
319	Soper 7	685683.2	4867148.1		19.87	0.15	0.01	60.20	1030.74	0.38	20.81	35.76	0.09	0.80	2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	
320	Soper 8	686748.7	4865874.7																				

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	7.02E-09	8.44E-06	2.37E-08	4.20E-05	4.65E-03	3.20E-04	4.91E-05	2.47E-04		3.90E-05							
325	Bowmanville 5	682452.2	4869417.5		19.74	0.11	0.01	59.76	1030.57	0.42	20.85	35.80	0.07	0.62		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
326	Bowmanville 6	684778.5	4864888.2		20.05	0.19	0.02	60.81	1030.96	0.41	20.84	35.80	0.12	1.05		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
327	Bowmanville 7	684549.5	4866404.4		20.07	0.20	0.02	60.89	1030.99	0.43	20.86	35.82	0.12	1.08		2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
328	Upper Tooley 1	679944.8	4864883.1		20.40	0.28	0.03	62.03	1031.42	0.79	21.22	36.18	0.17	1.54		2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.13E-04
329	Upper Tooley 2	679055.1	4863885.8		20.28	0.25	0.03	61.61	1031.26	0.77	21.21	36.16	0.15	1.37		2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
330	Upper Tooley 3	679714.0	4862767.4		20.99	0.43	0.04	64.06	1032.17	1.15	21.58	36.54	0.26	2.36		2.66E-08	4.55E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04
331	Upper Tooley 4	678898.8	4861800.6		21.91	0.67	0.07	67.26	1033.36	1.20	21.63	36.59	0.40	3.66		2.82E-08	4.74E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04
332	Upper Tooley 5	680353.5	4862156.5		21.47	0.56	0.06	65.73	1032.79	1.32	21.75	36.71	0.34	3.04		2.75E-08	4.65E-05		0.21	3.19E-03	1.84E-03	8.31E-03	3.23E-04
333	Upper Tooley 6	679818.1	4861625.7		21.51	0.57	0.06	65.85	1032.84	1.58	22.01	36.97	0.34	3.09		2.75E-08	4.66E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.23E-04
334	Robinson 1	678434.8	4860943.1		21.36	0.53	0.05	65.33	1032.64	0.97	21.40	36.35	0.32	2.88		2.73E-08	4.63E-05		0.21	3.18E-03	1.83E-03	8.31E-03	3.22E-04
335	Robinson 2	677752.6	4861240.6		21.03	0.44	0.04	64.20	1032.22	0.79	21.22	36.17	0.27	2.42		2.67E-08	4.56E-05		0.21	3.15E-03	1.83E-03	8.29E-03	3.19E-04
336	Robinson 3	677642.2	4861787.2		20.93	0.42	0.04	63.85	1032.09	0.79	21.23	36.18	0.25	2.28		2.65E-08	4.54E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.18E-04
337	Robinson 4	678532.7	4862143.6		21.53	0.57	0.06	65.93	1032.87	1.03	21.46	36.41	0.34	3.12		2.76E-08	4.66E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.23E-04
338	Robinson 5	678005.1	4862784.9		20.76	0.38	0.04	63.27	1031.88	0.93	21.36	36.32	0.23	2.04		2.62E-08	4.60E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04
339	Robinson 6	677882.7	4860587.7		20.97	0.43	0.04	63.99	1032.15	0.77	21.20	36.16	0.26	2.34		2.66E-08	4.55E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04
340	F/B 1	677443.1	4867862.1		19.91	0.16	0.02	60.33	1030.78	0.65	21.08	36.04	0.09	0.85		2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04
341	F/B 2	679667.4	4866611.4		20.03	0.19	0.02	60.76	1030.94	0.58	21.01	35.97	0.11	1.03		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04
342	F/B 3	678655.0	4867470.1		20.20	0.23	0.02	61.32	1031.15	0.64	21.07	36.02	0.14	1.26		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04
343	F/B 4	676191.2	4866844.7		19.91	0.16	0.02	60.33	1030.78	0.62	21.05	36.01	0.09	0.85		2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04
344	F/B 5	678273.3	4866093.0		20.04	0.19	0.02	60.79	1030.96	0.70	21.13	36.09	0.11	1.04		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04
345	F/B 6	681241.2	4867098.8		19.91	0.16	0.02	60.33	1030.78	0.54	20.97	35.93	0.09	0.85		2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04
346	F/B 7	682165.3	4868082.3		19.87	0.15	0.01	60.19	1030.73	0.47	20.90	35.86	0.09	0.80		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04
347	F/B 8	679366.6	4868628.3		19.81	0.13	0.01	59.98	1030.65	0.57	21.01	35.96	0.08	0.71		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
348	F/B 9	680310.1	4869967.1		19.70	0.10	0.01	59.59	1030.51	0.52	20.95	35.91	0.06	0.55		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04
349	F/B 10	676487.3	4869291.6		20.13	0.21	0.02	61.10	1031.07	0.56	21.00	35.95	0.13	1.17		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
350	F/B 11	676851.4	4865409.3		20.12	0.21	0.02	61.04	1031.05	0.75	21.18	36.14	0.13	1.14		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04
351	F/B 12	681153.3	4868682.2		19.79	0.13	0.01	59.93	1030.63	0.46	20.90	35.85	0.08	0.69		2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
352	F/B 13	675416.3	4859833.9		20.50	0.31	0.03	62.39	1031.55	0.52	20.95	35.91	0.19	1.69		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04
353	Second 1	675153.4	4860552.8		20.32	0.26	0.03	61.76	1031.32	0.47	20.90	35.86	0.16	1.43		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04
354	Second 2	675297.5	4860891.3		20.34	0.27	0.03	61.81	1031.33	0.46	20.89	35.85	0.16	1.45		2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04
355	Second 3	675647.2	4860644.9		20.42	0.29	0.03	62.09	1031.44	0.51	20.94	35.89	0.17	1.57		2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.13E-04
356	Second 4	675670.5	4860076.5		20.45	0.29	0.03	62.19	1031.47	0.55	20.98	35.94	0.18	1.61		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04
357	Second 5	676043.3	4860319.1		20.49	0.31	0.03	62.33	1031.53	0.54	20.98	35.93	0.18	1.66		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04
358	Second 6	675923.4	4859821.4		21.05	0.45	0.04	64.26	1032.25	0.51	20.94	35.89	0.27	2.45		2.67E-08	4.56E-05		0.21	3.15E-03	1.83E-03	8.29E-03	3.19E-04
359	McLaughlin Bay 1	676714.7	4860903.8		20.62	0.34	0.03	62.79	1031.70	0.55	20.98	35.94	0.20	1.85		2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04
360	McLaughlin Bay 2	677310.8	4860528.2		21.12	0.47	0.05	64.52	1032.34	0.64	21.07	36.03	0.28	2.55		2.69E-08	4.58E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04
361	McLaughlin Bay 3	676563.5	4860260.1		20.61	0.34	0.03	62.76	1031.69	0.58	21.01	35.97	0.20	1.84		2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04
362	McLaughlin Bay 4	676699.5	4859696.6		22.43	0.80	0.08	69.03	1034.02	0.85	21.28	36.23	0.48	4.38		2.91E-08	4.85E-05		0.22	3.26E-03	1.85E-03	8.37E-03	3.32E-04
363	McLaughlin Bay 5	677560.0	4860060.1		20.89	0.41	0.04	63.73	1032.05	0.64	21.07	36.02	0.25	2.23		2.65E-08	4.53E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04
364	McLaughlin Bay 6	678204.5	4859832.5		20.70	0.36	0.04	63.05	1031.80	0.74	21.18	36.13	0.22	1.96		2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04
365	Harmony Creek 1	674178.3	4861024.2		19.93	0.16	0.02	60.40	1030.81	0.40	20.83	35.78	0.10	0.88		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
366	Harmony Creek 2	674592.0	4862605.3		19.90	0.15	0.02	60.30	1030.77	0.41	20.84	35.80	0.09	0.84		2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04
367	Harmony Creek 3	672863.4	4862808.0		19.83	0.14	0.01	60.04	1030.68	0.38	20.82	35.77	0.08	0.74		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04
368	Harmony Creek 4	675671.6	4864469.0		20.42	0.29	0.03	62.10	1031.44	0.54	20.97	35.93	0.17	1.57		2.57E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.13E-04
369	Harmony Creek 5	672443.1	4864713.0		19.75	0.12	0.01	59.78	1030.58	0.38	20.81	35.77	0.07	0.63		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04
370	Harmony Creek 6	674830.5	4866909.6		19.94	0.16	0.02	60.43	1030.82	0.45	20.88	35.83	0.10	0.89		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04
371	Harmony Creek 7	675799.9	4868594.1		19.86	0.14	0.01	60.15	1030.72	0.53	20.96	35.92	0.09	0.78		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04
372	Westside 1	686082.6	4862776.6		20.01	0.18	0.02	60.68	1030.91	0.36	20.80	35.75	0.11	1.00		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04
373	Westside 2	685778.																					

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	7.02E-09	8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04	3.90E-05										
379	Darlington 5	683223.2	4861114.0		21.15	0.48	0.05	64.62	1032.38	0.60	21.03	35.98	0.29	2.59	2.69E-08	4.58E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.20E-04	
380	Darlington 6	683947.7	4862362.0		20.63	0.34	0.03	62.82	1031.71	0.53	20.96	35.91	0.21	1.86	2.60E-08	4.48E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	
381	Darlington 7	685361.9	4861143.4		20.59	0.33	0.03	62.67	1031.65	0.41	20.84	35.79	0.20	1.80	2.59E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	
382	Bennett ECO/HH	688606.4	4862634.8		19.96	0.17	0.02	60.50	1030.85	0.30	20.74	35.69	0.10	0.92	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	
383	Oshawa ECO/HH	673884.9	4859128.9		20.47	0.30	0.03	62.25	1031.50	0.39	20.83	35.78	0.18	1.63	2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	
384	Oshawa Creek 1	671671.2	4862793.7		19.78	0.12	0.01	59.89	1030.62	0.37	20.80	35.76	0.07	0.67	2.46E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04	
385	Oshawa Creek 2	671668.5	4861589.5		19.65	0.09	8.92E-03	59.42	1030.45	0.33	20.76	35.71	0.05	0.49	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	
386	Oshawa Creek 3	672820.2	4861287.2		19.71	0.11	0.01	59.64	1030.53	0.36	20.79	35.75	0.06	0.57	2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	
387	Oshawa Creek 4	672360.3	4860262.6		19.80	0.13	0.01	59.96	1030.65	0.38	20.81	35.77	0.08	0.70	2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	
388	Oshawa Creek 5	673921.2	4860115.0		20.00	0.18	0.02	60.64	1030.90	0.45	20.88	35.83	0.11	0.98	2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	
389	Oshawa Creek 6	673154.0	4859421.9		20.50	0.31	0.03	62.36	1031.54	0.44	20.87	35.82	0.18	1.68	2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	
390	Farmer	677409.8	4861051.4		21.77	0.63	0.06	66.75	1033.17	0.74	21.17	36.13	0.38	3.45	2.80E-08	4.71E-05		0.22	3.21E-03	1.84E-03	8.33E-03	3.26E-04	
391	Commercial Market	688276.3	4864698.5		20.11	0.21	0.02	61.01	1031.04	0.30	20.73	35.69	0.12	1.13	2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
				0.08	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05
1	Campground 10	678526.8	4859996.8	0.08	8.92E-04	1.89E-03	1.32E-05	2.85E-03	8.43E-04	7.03E-03	6.17E-04	8.07E-03	0.07	4.80E-04	3.04E-03	1.60E-03	3.74E-03	1.60E-03	0.22	0.04		0.01	2.12E-06	0.05
2	ECO 2	675490.4	4860360.1	0.08	8.14E-04	1.38E-03	9.60E-06	2.83E-03	7.78E-04	6.48E-03	4.50E-04	7.10E-03	0.07	4.42E-04	3.03E-03	1.17E-03	3.54E-03	1.58E-03	0.22	0.03		0.01	1.54E-06	0.05
3	Recreational 5	681642.0	4860349.3	0.09	1.06E-03	2.96E-03	2.06E-05	2.90E-03	9.78E-04	8.20E-03	9.67E-04	0.01	0.07	5.58E-04	3.05E-03	2.51E-03	4.15E-03	1.62E-03	0.22	0.05		0.01	3.32E-06	0.05
4	ECO 4	676831.5	4859840.9	0.09	1.02E-03	2.75E-03	1.91E-05	2.89E-03	9.50E-04	7.96E-03	8.96E-04	9.69E-03	0.07	5.42E-04	3.05E-03	2.33E-03	4.07E-03	1.62E-03	0.22	0.05		0.01	3.08E-06	0.05
5	Bow. Valley Cons. 3	685767.2	4863879.0	0.08	7.87E-04	1.20E-03	8.37E-06	2.82E-03	7.56E-04	6.28E-03	3.92E-04	6.77E-03	0.07	4.30E-04	3.03E-03	1.02E-03	3.48E-03	1.58E-03	0.22	0.03		0.01	1.35E-06	0.05
6	ECO 6	679647.8	4859989.3	0.08	8.88E-04	1.86E-03	1.30E-05	2.85E-03	8.39E-04	7.00E-03	6.08E-04	8.02E-03	0.07	4.78E-04	3.04E-03	1.58E-03	3.73E-03	1.60E-03	0.22	0.04		0.01	2.09E-06	0.05
7	ECO 7	681578.8	4862070.1	0.08	1.00E-03	2.60E-03	1.81E-05	2.89E-03	9.32E-04	7.81E-03	8.49E-04	9.42E-03	0.07	5.32E-04	3.04E-03	2.21E-03	4.01E-03	1.62E-03	0.22	0.05		0.01	2.91E-06	0.05
8	ECO 8	679735.5	4861048.6	0.09	1.37E-03	5.03E-03	3.50E-05	3.00E-03	1.24E-03	0.01	1.64E-03	0.01	0.08	7.09E-04	3.07E-03	4.27E-03	4.94E-03	1.68E-03	0.23	0.07		0.01	5.63E-06	0.05
9	ECO 9	687219.7	4864249.3	0.08	7.68E-04	1.08E-03	7.51E-06	2.81E-03	7.40E-04	6.15E-03	3.52E-04	6.53E-03	0.07	4.21E-04	3.03E-03	9.15E-04	3.43E-03	1.58E-03	0.22	0.03		0.01	1.21E-06	0.05
10	ECO 10	686519.0	4861987.6	0.08	7.81E-04	1.16E-03	8.10E-06	2.82E-03	7.51E-04	6.24E-03	3.80E-04	6.69E-03	0.07	4.27E-04	3.03E-03	9.87E-04	3.46E-03	1.58E-03	0.22	0.03		0.01	1.30E-06	0.05
11	ECO 11	679870.4	4859737.9	0.08	9.50E-04	2.27E-03	1.58E-05	2.87E-03	8.91E-04	7.45E-03	7.42E-04	8.79E-03	0.07	5.08E-04	3.04E-03	1.93E-03	3.89E-03	1.61E-03	0.22	0.04		0.01	2.55E-06	0.05
12	Recreational 4	681575.5	4860557.7	0.08	9.79E-04	2.46E-03	1.71E-05	2.88E-03	9.15E-04	7.66E-03	8.04E-04	9.16E-03	0.07	5.21E-04	3.04E-03	2.09E-03	3.96E-03	1.61E-03	0.22	0.04		0.01	2.76E-06	0.05
13	Future Industrial 9	680704.5	4859857.8	0.08	1.01E-03	2.66E-03	1.85E-05	2.89E-03	9.39E-04	7.87E-03	8.68E-04	9.53E-03	0.07	5.36E-04	3.04E-03	2.26E-03	4.03E-03	1.62E-03	0.22	0.05		0.01	2.98E-06	0.05
14	Future Industrial 10	680608.0	4860719.6	0.09	1.26E-03	4.30E-03	2.99E-05	2.97E-03	1.15E-03	9.65E-03	1.40E-03	0.01	0.08	6.55E-04	3.06E-03	3.64E-03	4.66E-03	1.66E-03	0.23	0.06		0.01	4.81E-06	0.05
15	Harmony Creek	673992.4	4865641.4	0.08	7.85E-04	1.19E-03	8.27E-06	2.82E-03	7.54E-04	6.27E-03	3.88E-04	6.74E-03	0.07	4.29E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.22	0.03		0.01	1.33E-06	0.05
16	Farewell Creek	678079.2	4868822.7	0.08	7.57E-04	1.01E-03	7.00E-06	2.81E-03	7.31E-04	6.07E-03	3.28E-04	6.39E-03	0.07	4.15E-04	3.03E-03	8.53E-04	3.40E-03	1.57E-03	0.22	0.03		0.01	1.13E-06	0.05
17	Farmer	681378.6	4860335.0	0.09	1.08E-03	3.14E-03	2.18E-05	2.91E-03	9.99E-04	8.39E-03	1.02E-03	0.01	0.08	5.70E-04	3.05E-03	2.66E-03	4.22E-03	1.63E-03	0.23	0.05		0.01	3.51E-06	0.05
18	Watson Farm	682883.4	4864219.7	0.08	9.83E-04	2.49E-03	1.73E-05	2.88E-03	9.18E-04	9.18E-03	8.12E-04	9.20E-03	0.07	5.23E-04	3.04E-03	2.11E-03	3.97E-03	1.61E-03	0.22	0.04		0.01	2.79E-06	0.05
19	Racanski Farm	678929.2	4865530.2	0.08	8.51E-04	1.62E-03	1.13E-05	2.84E-03	8.08E-04	6.74E-03	5.29E-04	7.56E-03	0.07	4.60E-04	3.03E-03	1.38E-03	3.64E-03	1.59E-03	0.22	0.04		0.01	1.82E-06	0.05
20	Zoo	687216.8	4864835.3	0.08	7.47E-04	9.38E-04	6.53E-06	2.80E-03	7.22E-04	6.00E-03	3.06E-04	6.27E-03	0.07	4.10E-04	3.03E-03	7.96E-04	3.38E-03	1.57E-03	0.22	0.03		0.01	1.05E-06	0.05
21	Cedar Crest Beach	686652.1	4861660.9	0.08	8.87E-04	1.86E-03	1.29E-05	2.85E-03	8.38E-04	7.00E-03	6.06E-04	8.01E-03	0.07	4.77E-04	3.04E-03	1.57E-03	3.73E-03	1.60E-03	0.22	0.04		0.01	2.08E-06	0.05
22	Darlington Prov Park Beach	677844.6	4859718.2	0.08	9.08E-04	2.00E-03	1.39E-05	2.86E-03	8.56E-04	7.15E-03	6.51E-04	8.27E-03	0.07	4.87E-04	3.04E-03	1.69E-03	3.78E-03	1.60E-03	0.22	0.04		0.01	2.23E-06	0.05
23	OPG 1	682258.1	4860045.0	0.09	1.10E-03	3.28E-03	2.28E-05	2.92E-03	1.02E-03	8.55E-03	1.07E-03	0.01	0.08	5.81E-04	3.05E-03	2.78E-03	4.27E-03	1.63E-03	0.23	0.05		0.01	3.68E-06	0.05
24	OPG 2	682551.4	4859889.1	0.08	9.50E-04	2.27E-03	1.58E-05	2.87E-03	8.90E-04	7.45E-03	7.41E-04	8.79E-03	0.07	5.08E-04	3.04E-03	1.93E-03	3.89E-03	1.61E-03	0.22	0.04		0.01	2.54E-06	0.05
25	OPG 3	682824.6	4859759.3	0.08	9.25E-04	2.11E-03	1.47E-05	2.86E-03	8.70E-04	7.27E-03	6.89E-04	8.49E-03	0.07	4.96E-04	3.04E-03	1.79E-03	3.82E-03	1.60E-03	0.22	0.04		0.01	2.36E-06	0.05
26	OPG 4	683021.6	4859937.3	0.08	9.61E-04	2.34E-03	1.63E-05	2.87E-03	8.99E-04	7.52E-03	7.64E-04	8.93E-03	0.07	5.13E-04	3.04E-03	1.99E-03	3.91E-03	1.61E-03	0.22	0.04		0.01	2.62E-06	0.05
27	OPG 5	683318.2	4859677.8	0.08	8.53E-04	1.64E-03	1.14E-05	2.84E-03	8.10E-04	6.73E-03	5.34E-04	7.59E-03	0.07	4.61E-04	3.03E-03	1.39E-03	3.64E-03	1.59E-03	0.22	0.04		0.01	1.83E-06	0.05
28	OPG 6	683306.9	4860023.0	0.08	9.33E-04	2.16E-03	1.50E-05	2.86E-03	8.76E-04	7.33E-03	7.05E-04	8.58E-03	0.07	4.99E-04	3.04E-03	1.83E-03	3.84E-03	1.60E-03	0.22	0.04		0.01	2.42E-06	0.05
29	OPG 7	683718.6	4859915.8	0.08	8.53E-04	1.64E-03	1.14E-05	2.84E-03	8.10E-04	6.76E-03	5.34E-04	7.59E-03	0.07	4.61E-04	3.03E-03	1.39E-03	3.64E-03	1.59E-03	0.22	0.04		0.01	1.83E-06	0.05
30	OPG 8	682702.0	4859998.6	0.09	1.03E-03	2.79E-03	1.94E-05	2.89E-03	9.55E-04	8.00E-03	9.09E-04	9.76E-03	0.07	5.45E-04	3.05E-03	2.36E-03	4.08E-03	1.62E-03	0.22	0.05		0.01	3.12E-06	0.05
31	OPG 9	684347.7	4861184.6	0.08	8.69E-04	1.74E-03	1.21E-05	2.84E-03	8.23E-04	6.87E-03	5.68E-04	7.78E-03	0.07	4.69E-04	3.04E-03	1.48E-03	3.68E-03	1.59E-03	0.22	0.04		0.01	1.95E-06	0.05
32	OPG 10	682157.2	4861228.2	0.08	1.01E-03	2.65E-03	1.84E-05	2.89E-03	9.37E-04	7.85E-03	8.63E-04	9.50E-03	0.07	5.35E-04	3.04E-03	2.24E-03	4.03E-03	1.62E-03	0.22	0.05		0.01	2.96E-06	0.05
33	St. Mary's 1	684557.0	4861070.0	0.08	9.35E-04	2.18E-03	1.51E-05	2.86E-03	8.78E-04	7.34E-03	7.10E-04	8.51E-03	0.07	5.01E-04	3.04E-03	1.85E-03	3.85E-03	1.60E-03	0.22	0.04		0.01	2.44E-06	0.05
34	St. Mary's 2	684657.3	4861320.8	0.08	8.35E-04	1.52E-03	1.05E-05	2.83E-03	7.95E-04	6.62E-03	4.94E-04	7.36E-03	0.07	4.52E-04	3.03E-03	1.29E-03	3.60E-03	1.59E-03	0.22	0.03		0.01	1.70E-06	0.05
35	St. Mary's 3	684905.3	4861154.4	0.08	9.23E-04	2.10E-03	1.46E-05	2.86E-03	8.68E-04	7.25E-03	6.83E-04	8.46E-03	0.07	4.95E-04	3.04E-03	1.78E-03	3.82E-03	1.60E-03	0.22	0.04		0.01	2.35E-06	0.05
36	Court. Subdivision 1	677328.4	4862976.1	0.08	9.11E-04	2.02E-03	1.40E-05	2.86E-03	8.58E-04	7.17E-03	6.57E-04	8.31E-03	0.07	4.89E-04	3.04E-03	1.71E-03	3.79E-03	1.60E-03	0.22	0.04		0.01	2.26E-06	0.05
37	Court. Subdivision 2	676187.9	4862611.1	0.08	8.44E-04	1.58E-03	1.10E-05	2.84E-03	8.03E-04	6.96E-03														



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
				0.08	6.04E-04			2.76E-03	6.04E-04	4.98E-03	4.49E-03	0.07	3.42E-04	3.02E-03			3.02E-03	1.55E-03	0.21	0.02		0.01		0.05
55	Bow. Subdivision 10	685266.0	4863243.1	0.08	8.16E-04	1.39E-03	9.67E-06	2.83E-03	7.79E-04	6.49E-03	4.53E-04	7.12E-03	0.07	4.43E-04	3.03E-03	1.18E-03	3.55E-03	1.58E-03	0.22	0.03		0.01	1.56E-06	0.05
56	Osh/Court Subdivision 1	677396.8	4860977.3	0.09	1.06E-03	3.00E-03	2.09E-05	2.90E-03	9.82E-04	8.24E-03	9.78E-04	0.01	0.07	5.60E-04	3.05E-03	2.54E-03	4.16E-03	1.63E-03	0.22	0.05		0.01	3.36E-06	0.05
57	Osh/Court Subdivision 2	676633.5	4860816.8	0.08	8.80E-04	1.81E-03	1.26E-05	2.85E-03	8.32E-04	6.95E-03	5.91E-04	7.92E-03	0.07	4.74E-04	3.04E-03	1.54E-03	3.71E-03	1.60E-03	0.22	0.04		0.01	2.03E-06	0.05
58	Osh/Court Subdivision 3	676916.0	4861925.0	0.08	8.48E-04	1.60E-03	1.12E-05	2.84E-03	8.06E-04	6.72E-03	5.23E-04	7.52E-03	0.07	4.59E-04	3.03E-03	1.36E-03	3.63E-03	1.59E-03	0.22	0.04		0.01	1.79E-06	0.05
59	Osh/Court Subdivision 4	676730.5	4861317.1	0.09	1.02E-03	2.74E-03	1.90E-05	2.89E-03	9.49E-04	7.95E-03	8.92E-04	9.67E-03	0.07	5.41E-04	3.05E-03	2.32E-03	4.06E-03	1.62E-03	0.22	0.05		0.01	3.06E-06	0.05
60	Osh/Court Subdivision 5	676087.2	4861392.3	0.08	8.80E-04	1.81E-03	1.26E-05	2.85E-03	8.32E-04	6.95E-03	5.91E-04	7.92E-03	0.07	4.74E-04	3.04E-03	1.54E-03	3.71E-03	1.60E-03	0.22	0.04		0.01	2.03E-06	0.05
61	Osh/Court Subdivision 6	676177.1	4861722.2	0.08	8.08E-04	1.34E-03	9.30E-06	2.82E-03	7.73E-04	6.43E-03	4.36E-04	7.02E-03	0.07	4.39E-04	3.03E-03	1.13E-03	3.53E-03	1.58E-03	0.22	0.03		0.01	1.50E-06	0.05
62	Osh/Court Subdivision 7	675670.7	4861783.2	0.08	8.17E-04	1.40E-03	9.74E-06	2.83E-03	7.80E-04	6.50E-03	4.56E-04	7.14E-03	0.07	4.44E-04	3.03E-03	1.19E-03	3.55E-03	1.58E-03	0.22	0.03		0.01	1.57E-06	0.05
63	Osh/Court Subdivision 8	676050.8	4862055.7	0.08	7.92E-04	1.24E-03	8.60E-06	2.82E-03	7.60E-04	6.32E-03	4.03E-04	6.83E-03	0.07	4.32E-04	3.03E-03	1.05E-03	3.49E-03	1.58E-03	0.22	0.03		0.01	1.38E-06	0.05
64	Osh/Court Subdivision 9	676636.9	4862134.3	0.08	8.18E-04	1.41E-03	9.78E-06	2.83E-03	7.81E-04	6.50E-03	4.59E-04	7.15E-03	0.07	4.44E-04	3.03E-03	1.19E-03	3.55E-03	1.59E-03	0.22	0.03		0.01	1.57E-06	0.05
65	Osh/Court Subdivision 10	676571.3	4861634.8	0.08	8.32E-04	1.50E-03	1.04E-05	2.83E-03	7.93E-04	6.60E-03	4.88E-04	7.32E-03	0.07	4.51E-04	3.03E-03	1.27E-03	3.59E-03	1.59E-03	0.22	0.03		0.01	1.68E-06	0.05
66	Bow. Subdivision 11	684649.2	4863182.7	0.08	8.17E-04	1.40E-03	9.74E-06	2.83E-03	7.80E-04	6.50E-03	4.56E-04	7.14E-03	0.07	4.44E-04	3.03E-03	1.19E-03	3.55E-03	1.58E-03	0.22	0.03		0.01	1.57E-06	0.05
67	Daycare B	685172.4	4863933.1	0.08	7.61E-04	1.03E-03	7.19E-06	2.81E-03	7.34E-04	6.10E-03	3.37E-04	6.45E-03	0.07	4.17E-04	3.03E-03	8.76E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.16E-06	0.05
68	Daycare C	685452.0	4863104.4	0.08	7.84E-04	1.18E-03	8.22E-06	2.82E-03	7.53E-04	6.26E-03	3.85E-04	6.73E-03	0.07	4.28E-04	3.03E-03	1.00E-03	3.47E-03	1.58E-03	0.22	0.03		0.01	1.32E-06	0.05
69	Daycare D	685527.7	4864693.3	0.08	8.01E-04	1.29E-03	8.98E-06	2.82E-03	7.67E-04	6.38E-03	4.21E-04	6.93E-03	0.07	4.36E-04	3.03E-03	1.09E-03	3.51E-03	1.58E-03	0.22	0.03		0.01	1.45E-06	0.05
70	Daycare E	685735.4	4864790.8	0.08	7.88E-04	1.21E-03	8.43E-06	2.82E-03	7.57E-04	6.29E-03	3.95E-04	6.78E-03	0.07	4.30E-04	3.03E-03	1.03E-03	3.48E-03	1.58E-03	0.22	0.03		0.01	1.36E-06	0.05
71	Daycare F	685520.3	4864854.3	0.08	8.02E-04	1.30E-03	9.06E-06	2.82E-03	7.68E-04	6.39E-03	4.25E-04	6.96E-03	0.07	4.37E-04	3.03E-03	1.10E-03	3.52E-03	1.58E-03	0.22	0.03		0.01	1.46E-06	0.05
72	Daycare G	685441.9	4864878.0	0.08	7.96E-04	1.26E-03	8.76E-06	2.82E-03	7.63E-04	6.35E-03	4.11E-04	6.87E-03	0.07	4.34E-04	3.03E-03	1.07E-03	3.50E-03	1.58E-03	0.22	0.03		0.01	1.41E-06	0.05
73	Daycare H	686364.8	4864707.8	0.08	7.31E-04	8.36E-04	5.81E-06	2.80E-03	7.09E-04	5.88E-03	2.72E-04	6.07E-03	0.07	4.03E-04	3.03E-03	7.08E-04	3.34E-03	1.57E-03	0.22	0.03		0.01	9.35E-07	0.05
74	Daycare I	685721.6	4865127.3	0.08	7.85E-04	1.19E-03	8.27E-06	2.82E-03	7.54E-04	6.27E-03	3.87E-04	6.74E-03	0.07	4.28E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.22	0.03		0.01	1.33E-06	0.05
75	Daycare J	678256.3	4863565.4	0.08	8.62E-04	1.69E-03	1.18E-05	2.84E-03	8.17E-04	6.82E-03	5.52E-04	7.69E-03	0.07	4.65E-04	3.03E-03	1.43E-03	3.66E-03	1.59E-03	0.22	0.04		0.01	1.89E-06	0.05
76	Daycare K	677694.1	4864043.7	0.08	8.01E-04	1.29E-03	8.99E-06	2.82E-03	7.67E-04	6.38E-03	4.21E-04	6.93E-03	0.07	4.36E-04	3.03E-03	1.10E-03	3.51E-03	1.58E-03	0.22	0.03		0.01	1.45E-06	0.05
77	Daycare L	676479.5	4862526.2	0.08	8.48E-04	1.60E-03	1.11E-05	2.84E-03	8.06E-04	6.72E-03	5.22E-04	7.52E-03	0.07	4.59E-04	3.03E-03	1.36E-03	3.63E-03	1.59E-03	0.22	0.04		0.01	1.79E-06	0.05
78	Daycare M	678320.9	4864763.5	0.08	7.73E-04	1.11E-03	7.70E-06	2.81E-03	7.44E-04	6.18E-03	3.61E-04	6.58E-03	0.07	4.23E-04	3.03E-03	9.38E-04	3.44E-03	1.58E-03	0.22	0.03		0.01	1.24E-06	0.05
79	Daycare N	678513.4	4865058.0	0.08	7.45E-04	9.28E-04	6.45E-06	2.80E-03	7.21E-04	5.98E-03	3.02E-04	6.25E-03	0.07	4.10E-04	3.03E-03	7.86E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.04E-06	0.05
80	Daycare O	672788.7	4863936.6	0.08	6.97E-04	6.11E-04	4.25E-06	2.79E-03	6.81E-04	5.64E-03	1.99E-04	5.64E-03	0.07	3.86E-04	3.02E-03	5.18E-04	3.25E-03	1.56E-03	0.21	0.03		0.01	6.84E-07	0.05
81	Daycare P	673952.8	4863592.5	0.08	7.19E-04	7.52E-04	5.23E-06	2.80E-03	6.99E-04	5.79E-03	2.45E-04	5.91E-03	0.07	3.97E-04	3.02E-03	6.38E-04	3.30E-03	1.57E-03	0.21	0.03		0.01	8.42E-07	0.05
82	Daycare Q	671751.8	4864887.7	0.08	6.82E-04	5.14E-04	3.57E-06	2.78E-03	6.69E-04	5.53E-03	1.68E-04	5.46E-03	0.07	3.79E-04	3.02E-03	4.36E-04	3.21E-03	1.56E-03	0.21	0.02		0.01	5.75E-07	0.05
83	Daycare R	685714.4	4864667.4	0.08	7.78E-04	1.15E-03	7.97E-06	2.81E-03	7.48E-04	6.22E-03	3.73E-04	6.66E-03	0.07	4.25E-04	3.03E-03	9.71E-04	3.46E-03	1.58E-03	0.22	0.03		0.01	1.28E-06	0.05
84	Daycare S	684177.9	4863618.2	0.08	8.90E-04	1.88E-03	1.31E-05	2.85E-03	8.41E-04	7.02E-03	6.13E-04	8.05E-03	0.07	4.79E-04	3.04E-03	1.59E-03	3.74E-03	1.60E-03	0.22	0.04		0.01	2.10E-06	0.05
85	Daycare T	678423.6	4864480.4	0.08	7.80E-04	1.16E-03	8.05E-06	2.81E-03	7.50E-04	6.23E-03	3.77E-04	6.68E-03	0.07	4.26E-04	3.03E-03	9.81E-04	3.46E-03	1.58E-03	0.22	0.03		0.01	1.30E-06	0.05
86	Daycare U	685330.5	4863435.1	0.08	8.01E-04	1.30E-03	9.02E-06	2.82E-03	7.67E-04	6.39E-03	4.23E-04	6.94E-03	0.07	4.36E-04	3.03E-03	1.10E-03	3.51E-03	1.58E-03	0.22	0.03		0.01	1.45E-06	0.05
87	Daycare V	685153.2	4863236.9	0.08	8.01E-04	1.30E-03	9.02E-06	2.82E-03	7.67E-04	6.39E-03	4.23E-04	6.94E-03	0.07	4.36E-04	3.03E-03	1.10E-03	3.51E-03	1.58E-03	0.22	0.03		0.01	1.45E-06	0.05
88	Daycare W	672679.0	4862044.9	0.08	7.11E-04	7.05E-04	4.90E-06	2.79E-03	6.93E-04	5.74E-03	2.30E-04	5.82E-03	0.07	3.93E-04	3.02E-03	5.97E-04	3.29E-03	1.57E-03	0.21	0.03		0.01	7.89E-07	0.05
89	Daycare X	672076.5	4865285.8	0.08	7.02E-04	6.44E-04	4.48E-06	2.79E-03	6.85E-04	5.68E-03	2.10E-04	5.71E-03	0.07	3.89E-04	3.02E-03	5.46E-04	3.26E-03	1.57E-03	0.21	0.03		0.01	7.20E-07	0.05
90	Daycare Y	672638.0	4859664.4	0.08	7.57E-04	1.00E-03	6.98E-06	2.81E-03	7.30E-04	6.07E-03	3.27E-04	6.39E-03	0.07	4.15E-04	3.03E-03	8.50E-04	3.40E-03	1.57E-03	0.22	0.03		0.01	1.12E-06	0.05
91	Daycare Z	673735.9	4858958.0	0.08	7.69E-04	1.09E-03	7.55E-06	2.81E-03	7.41E-04	6.16E-03	3.54E-04	6.54E-03	0.07	4.21E-04	3.03E-03	9.20E-04	3.43E-03	1.58E-03	0.22	0.03		0.01	1.22E-06	0.05
92	Daycare AA	673121.8	4863385.9	0.08	7.10E-04	6.96E-04	4.84E-06	2.79E-03	6.92E-04	5.73E-03	2.27E-04	5.81E-03	0.07	3.93E-04	3.02E-03	5.90E-04	3.28E-03	1.57E-03	0.21	0.03		0.01	7.79E-07	0.05
93	Daycare BB	673904.8	4862282.2	0.08	7.59E-04	1.02E-03	7.10E-06	2.81E-03	7.33E-04	6.09E-03	3.33E-04	6.42E-03	0.07	4.16E-04	3.03E-03	8.65E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.14E-06	0.05
94	Daycare CC	671471.6	4861795.3	0.08	6.77E-04	4.82E-04	3.35E-06	2.78E-03	6.65E-04	5.50E-03	1.57E-04	5.40E-03	0.07	3.77E-04	3.02E-03	4.08E-04	3.20E							

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
				0.08	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05
109	Hospital (Children's)	676057.8	4862180.9	0.08	7.95E-04	1.26E-03	8.73E-06	2.82E-03	7.62E-04	6.34E-03	4.09E-04	6.87E-03	0.07	4.33E-04	3.03E-03	1.06E-03	3.50E-03	1.58E-03	0.22	0.03		0.01	1.41E-06	0.05
110	Hospital	671233.2	4863615.9	0.08	6.93E-04	5.86E-04	4.08E-06	2.79E-03	6.78E-04	5.61E-03	1.91E-04	5.60E-03	0.07	3.85E-04	3.02E-03	4.97E-04	3.24E-03	1.56E-03	0.21	0.03		0.01	6.56E-07	0.05
111	Comm. Resp. Services	676045.4	4863902.5	0.08	8.40E-04	1.55E-03	1.08E-05	2.83E-03	7.99E-04	6.66E-03	5.06E-04	7.43E-03	0.07	4.55E-04	3.03E-03	1.31E-03	3.61E-03	1.59E-03	0.22	0.03		0.01	1.74E-06	0.05
112	Hospital	671712.7	4862364.1	0.08	6.97E-04	6.13E-04	4.26E-06	2.79E-03	6.81E-04	5.64E-03	2.00E-04	5.65E-03	0.07	3.87E-04	3.02E-03	5.19E-04	3.25E-03	1.56E-03	0.21	0.03		0.01	6.86E-07	0.05
113	Retirement Residence A	684199.9	4864120.3	0.08	8.23E-04	1.44E-03	1.00E-05	2.83E-03	7.86E-04	6.54E-03	4.70E-04	7.22E-03	0.07	4.47E-04	3.03E-03	1.22E-03	3.57E-03	1.59E-03	0.22	0.03		0.01	1.61E-06	0.05
114	Retirement Residence B	685483.9	4865150.9	0.08	7.56E-04	9.98E-04	6.95E-06	2.81E-03	7.30E-04	6.06E-03	3.26E-04	6.38E-03	0.07	4.15E-04	3.03E-03	8.46E-04	3.40E-03	1.57E-03	0.22	0.03		0.01	1.12E-06	0.05
115	Retirement Residence C	686844.0	4864732.1	0.08	7.53E-04	9.78E-04	6.80E-06	2.81E-03	7.27E-04	6.04E-03	3.19E-04	6.34E-03	0.07	4.13E-04	3.03E-03	8.29E-04	3.39E-03	1.57E-03	0.22	0.03		0.01	1.09E-06	0.05
116	Retirement Residence D	673481.7	4863343.4	0.08	7.11E-04	7.02E-04	4.89E-06	2.79E-03	6.93E-04	5.74E-03	2.29E-04	5.82E-03	0.07	3.93E-04	3.02E-03	5.96E-04	3.29E-03	1.57E-03	0.21	0.03		0.01	7.86E-07	0.05
117	Retirement Residence E	671825.2	4864399.0	0.08	6.93E-04	5.81E-04	4.04E-06	2.79E-03	6.77E-04	5.61E-03	1.89E-04	5.59E-03	0.07	3.84E-04	3.02E-03	4.93E-04	3.24E-03	1.56E-03	0.21	0.03		0.01	6.51E-07	0.05
118	Retirement Residence F	671606.3	4864536.0	0.08	6.91E-04	5.73E-04	3.98E-06	2.79E-03	6.76E-04	5.60E-03	1.87E-04	5.57E-03	0.07	3.84E-04	3.02E-03	4.86E-04	3.24E-03	1.56E-03	0.21	0.02		0.01	6.41E-07	0.05
119	Retirement Residence G	671357.1	4862958.7	0.08	6.97E-04	6.09E-04	4.24E-06	2.79E-03	6.81E-04	5.64E-03	1.99E-04	5.64E-03	0.07	3.86E-04	3.02E-03	5.16E-04	3.25E-03	1.56E-03	0.21	0.03		0.01	6.82E-07	0.05
120	Retirement Residence H	671514.0	4862262.9	0.08	7.00E-04	6.33E-04	4.40E-06	2.79E-03	6.84E-04	5.66E-03	2.06E-04	5.69E-03	0.07	3.88E-04	3.02E-03	5.37E-04	3.26E-03	1.57E-03	0.21	0.03		0.01	7.09E-07	0.05
121	Retirement Residence I	672602.2	4863075.9	0.08	7.03E-04	6.51E-04	4.53E-06	2.79E-03	6.86E-04	5.68E-03	2.12E-04	5.72E-03	0.07	3.89E-04	3.02E-03	5.52E-04	3.27E-03	1.57E-03	0.21	0.03		0.01	7.29E-07	0.05
122	Retirement Residence J	671719.1	4862893.1	0.08	6.99E-04	6.20E-04	4.32E-06	2.79E-03	6.82E-04	5.65E-03	2.02E-04	5.66E-03	0.07	3.87E-04	3.02E-03	5.26E-04	3.25E-03	1.57E-03	0.21	0.03		0.01	6.94E-07	0.05
123	Retirement Residence K	686718.0	4865648.7	0.08	7.54E-04	9.83E-04	6.84E-06	2.81E-03	7.28E-04	6.04E-03	3.20E-04	6.35E-03	0.07	4.14E-04	3.03E-03	8.33E-04	3.39E-03	1.57E-03	0.22	0.03		0.01	1.10E-06	0.05
124	Retirement Residence L	676168.7	4865669.9	0.08	7.70E-04	1.09E-03	7.60E-06	2.81E-03	7.42E-04	6.16E-03	3.56E-04	6.56E-03	0.07	4.21E-04	3.03E-03	9.26E-04	3.43E-03	1.58E-03	0.22	0.03		0.01	1.22E-06	0.05
125	Retirement Residence M	676118.5	4863980.7	0.08	8.45E-04	1.58E-03	1.10E-05	2.84E-03	8.04E-04	6.70E-03	5.17E-04	7.49E-03	0.07	4.57E-04	3.03E-03	1.34E-03	3.62E-03	1.59E-03	0.22	0.04		0.01	1.77E-06	0.05
126	Bow. Subdivision 12	684649.2	4863182.7	0.08	8.17E-04	1.40E-03	9.74E-06	2.83E-03	7.80E-04	6.50E-03	4.56E-04	7.14E-03	0.07	4.44E-04	3.03E-03	1.19E-03	3.55E-03	1.58E-03	0.22	0.03		0.01	1.57E-06	0.05
127	Primary School B	685384.8	4863575.3	0.08	8.06E-04	1.32E-03	9.21E-06	2.82E-03	7.71E-04	6.42E-03	4.32E-04	7.00E-03	0.07	4.38E-04	3.03E-03	1.12E-03	3.52E-03	1.58E-03	0.22	0.03		0.01	1.48E-06	0.05
128	Primary School C	685021.6	4863952.9	0.08	7.59E-04	1.02E-03	7.08E-06	2.81E-03	7.32E-04	6.08E-03	3.32E-04	6.42E-03	0.07	4.16E-04	3.03E-03	8.63E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.14E-06	0.05
129	Primary School D	686237.0	4864085.5	0.08	7.80E-04	1.16E-03	8.04E-06	2.81E-03	7.50E-04	6.23E-03	3.77E-04	6.68E-03	0.07	4.26E-04	3.03E-03	9.80E-04	3.46E-03	1.58E-03	0.22	0.03		0.01	1.29E-06	0.05
130	Primary School E	686719.0	4863734.7	0.08	7.65E-04	1.06E-03	7.36E-06	2.81E-03	7.37E-04	6.13E-03	3.45E-04	6.49E-03	0.07	4.19E-04	3.03E-03	8.97E-04	3.42E-03	1.58E-03	0.22	0.03		0.01	1.18E-06	0.05
131	Primary School F	686357.0	4864754.9	0.08	7.25E-04	7.92E-04	5.51E-06	2.80E-03	7.04E-04	5.84E-03	2.58E-04	5.99E-03	0.07	4.00E-04	3.03E-03	6.72E-04	3.23E-03	1.57E-03	0.22	0.03		0.01	8.87E-07	0.05
132	Primary School G	685502.0	4865013.4	0.08	7.84E-04	1.18E-03	8.22E-06	2.82E-03	7.53E-04	6.26E-03	3.85E-04	6.73E-03	0.07	4.28E-04	3.03E-03	1.00E-03	3.47E-03	1.58E-03	0.22	0.03		0.01	1.32E-06	0.05
133	Primary School H	686726.7	4866061.5	0.08	7.43E-04	9.11E-04	6.34E-06	2.80E-03	7.19E-04	5.97E-03	2.97E-04	6.21E-03	0.07	4.08E-04	3.03E-03	7.73E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.02E-06	0.05
134	Primary School I	685186.2	4866568.2	0.08	7.34E-04	8.54E-04	5.94E-06	2.80E-03	7.12E-04	5.90E-03	2.78E-04	6.10E-03	0.07	4.04E-04	3.03E-03	7.24E-04	3.34E-03	1.57E-03	0.22	0.03		0.01	9.56E-07	0.05
135	Primary School J	685965.3	4866979.0	0.08	7.30E-04	8.29E-04	5.77E-06	2.80E-03	7.09E-04	5.88E-03	2.70E-04	6.06E-03	0.07	4.02E-04	3.03E-03	7.03E-04	3.33E-03	1.57E-03	0.22	0.03		0.01	9.28E-07	0.05
136	Primary School K	677709.9	4864726.5	0.08	7.67E-04	1.07E-03	7.45E-06	2.81E-03	7.39E-04	6.14E-03	3.49E-04	6.52E-03	0.07	4.20E-04	3.03E-03	9.08E-04	3.43E-03	1.58E-03	0.22	0.03		0.01	1.20E-06	0.05
137	Primary School L	675988.3	4864270.2	0.08	8.38E-04	1.53E-03	1.07E-05	2.83E-03	7.97E-04	6.64E-03	5.01E-04	7.40E-03	0.07	4.54E-04	3.03E-03	1.30E-03	3.60E-03	1.59E-03	0.22	0.03		0.01	1.72E-06	0.05
138	Primary School M	676608.7	4862739.0	0.08	7.88E-04	1.21E-03	8.39E-06	2.82E-03	7.56E-04	6.29E-03	3.93E-04	6.77E-03	0.07	4.30E-04	3.03E-03	1.02E-03	3.48E-03	1.58E-03	0.22	0.03		0.01	1.35E-06	0.05
139	Primary School N	677222.2	4863759.1	0.08	8.21E-04	1.42E-03	9.90E-06	2.83E-03	7.83E-04	6.52E-03	4.64E-04	7.18E-03	0.07	4.46E-04	3.03E-03	1.21E-03	3.56E-03	1.59E-03	0.22	0.03		0.01	1.59E-06	0.05
140	Primary School O	678154.9	4863872.7	0.08	8.33E-04	1.50E-03	1.05E-05	2.83E-03	7.94E-04	6.61E-03	4.91E-04	7.34E-03	0.07	4.52E-04	3.03E-03	1.28E-03	3.59E-03	1.59E-03	0.22	0.03		0.01	1.68E-06	0.05
141	Court. Subdivision 12	678309.6	4863600.8	0.08	8.65E-04	1.71E-03	1.19E-05	2.84E-03	8.20E-04	6.84E-03	5.59E-04	7.73E-03	0.07	4.67E-04	3.03E-03	1.45E-03	3.67E-03	1.59E-03	0.22	0.04		0.01	1.92E-06	0.05
142	Primary School Q	677010.6	4862470.6	0.08	8.41E-04	1.56E-03	1.08E-05	2.83E-03	8.00E-04	6.67E-03	5.08E-04	7.44E-03	0.07	4.55E-04	3.03E-03	1.32E-03	3.61E-03	1.59E-03	0.22	0.03		0.01	1.74E-06	0.05
143	Primary School R	677431.3	4866694.7	0.08	7.78E-04	1.14E-03	7.93E-06	2.81E-03	7.48E-04	6.22E-03	3.72E-04	6.65E-03	0.07	4.25E-04	3.03E-03	9.67E-04	3.45E-03	1.58E-03	0.22	0.03		0.01	1.28E-06	0.05
144	Primary School S	675266.2	4863562.9	0.08	7.46E-04	9.30E-04	6.47E-06	2.80E-03	7.21E-04	5.99E-03	3.03E-04	6.25E-03	0.07	4.10E-04	3.03E-03	7.88E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.04E-06	0.05
145	Primary School T	673479.2	4860029.4	0.08	7.32E-04	8.40E-04																		

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
				0.08	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05
163	Primary School LL	673762.3	4864210.6	0.08	7.28E-04	8.12E-04	5.65E-06	2.80E-03	7.06E-04	5.86E-03	2.65E-04	6.03E-03	0.07	4.01E-04	3.03E-03	6.88E-04	3.33E-03	1.57E-03	0.22	0.03		0.01	9.09E-07	0.05
164	Primary School MM	672238.8	4864621.3	0.08	6.89E-04	5.55E-04	3.86E-06	2.79E-03	6.74E-04	5.58E-03	1.81E-04	5.54E-03	0.07	3.82E-04	3.02E-03	4.70E-04	3.23E-03	1.56E-03	0.21	0.02		0.01	6.21E-07	0.05
165	Primary School NN	673213.6	4858677.0	0.08	7.39E-04	8.84E-04	6.15E-06	2.80E-03	7.15E-04	5.94E-03	2.88E-04	6.16E-03	0.07	4.06E-04	3.03E-03	7.49E-04	3.36E-03	1.57E-03	0.22	0.03		0.01	9.89E-07	0.05
166	Primary School OO	675474.8	4863221.7	0.08	7.70E-04	1.09E-03	7.61E-06	2.81E-03	7.42E-04	6.16E-03	3.56E-04	6.56E-03	0.07	4.22E-04	3.03E-03	9.27E-04	3.44E-03	1.58E-03	0.22	0.03		0.01	1.22E-06	0.05
167	Primary School PP	672441.8	4858748.6	0.08	7.29E-04	8.22E-04	5.72E-06	2.80E-03	7.08E-04	5.87E-03	2.68E-04	6.04E-03	0.07	4.02E-04	3.03E-03	6.97E-04	3.33E-03	1.57E-03	0.22	0.03		0.01	9.20E-07	0.05
168	Primary School QQ	672796.8	4864438.2	0.08	7.00E-04	6.28E-04	4.37E-06	2.79E-03	6.83E-04	5.66E-03	2.05E-04	5.68E-03	0.07	3.88E-04	3.02E-03	5.33E-04	3.26E-03	1.57E-03	0.21	0.03		0.01	7.04E-07	0.05
169	Primary School RR	671351.4	4863284.0	0.08	6.98E-04	6.14E-04	4.27E-06	2.79E-03	6.82E-04	5.64E-03	2.00E-04	5.65E-03	0.07	3.87E-04	3.02E-03	5.21E-04	3.25E-03	1.57E-03	0.21	0.03		0.01	6.88E-07	0.05
170	Primary School SS	673213.9	4862125.5	0.08	7.46E-04	9.29E-04	6.46E-06	2.80E-03	7.21E-04	5.99E-03	3.03E-04	6.25E-03	0.07	4.10E-04	3.03E-03	7.88E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.04E-06	0.05
171	Primary School TT	671017.9	4860953.7	0.08	6.91E-04	5.74E-04	3.99E-06	2.79E-03	6.76E-04	5.60E-03	1.87E-04	5.58E-03	0.07	3.84E-04	3.02E-03	4.87E-04	3.24E-03	1.56E-03	0.21	0.02		0.01	6.43E-07	0.05
172	Primary School UU	670991.0	4861089.8	0.08	6.86E-04	5.39E-04	3.75E-06	2.78E-03	6.72E-04	5.56E-03	1.76E-04	5.51E-03	0.07	3.81E-04	3.02E-03	4.57E-04	3.22E-03	1.56E-03	0.21	0.02		0.01	6.03E-07	0.05
173	Primary School VV	674150.1	4862294.8	0.08	7.52E-04	9.69E-04	6.74E-06	2.81E-03	7.26E-04	6.03E-03	3.16E-04	6.32E-03	0.07	4.13E-04	3.03E-03	8.22E-04	3.39E-03	1.57E-03	0.22	0.03		0.01	1.09E-06	0.05
174	Primary School WW	672005.2	4861707.9	0.08	6.85E-04	5.34E-04	3.72E-06	2.78E-03	6.71E-04	5.56E-03	1.74E-04	5.50E-03	0.07	3.81E-04	3.02E-03	4.53E-04	3.22E-03	1.56E-03	0.21	0.02		0.01	5.98E-07	0.05
175	Primary School XX	684172.1	4863615.6	0.08	8.94E-04	1.91E-03	1.33E-05	2.85E-03	8.44E-04	7.05E-03	6.22E-04	8.10E-03	0.07	4.81E-04	3.04E-03	1.62E-03	3.75E-03	1.60E-03	0.22	0.04		0.01	2.13E-06	0.05
176	Primary School YY	683923.3	4866636.4	0.08	7.71E-04	1.10E-03	7.62E-06	2.81E-03	7.42E-04	6.17E-03	3.57E-04	6.56E-03	0.07	4.22E-04	3.03E-03	9.29E-04	3.44E-03	1.58E-03	0.22	0.03		0.01	1.23E-06	0.05
177	Primary School ZZ	680446.0	4865770.5	0.08	7.70E-04	1.09E-03	7.59E-06	2.81E-03	7.42E-04	6.16E-03	3.56E-04	6.55E-03	0.07	4.21E-04	3.03E-03	9.25E-04	3.43E-03	1.58E-03	0.22	0.03		0.01	1.22E-06	0.05
178	Vacant School	685612.9	4864520.0	0.08	7.60E-04	1.02E-03	7.12E-06	2.81E-03	7.33E-04	6.09E-03	3.34E-04	6.43E-03	0.07	4.16E-04	3.03E-03	8.68E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.15E-06	0.05
179	Secondary School A	686291.4	4865064.3	0.08	7.43E-04	9.12E-04	6.34E-06	2.80E-03	7.19E-04	5.97E-03	2.97E-04	6.22E-03	0.07	4.08E-04	3.03E-03	7.73E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.02E-06	0.05
180	Secondary School B	683875.0	4864741.7	0.08	8.82E-04	1.83E-03	1.27E-05	2.85E-03	8.34E-04	6.96E-03	5.96E-04	7.95E-03	0.07	4.75E-04	3.04E-03	1.55E-03	3.72E-03	1.60E-03	0.22	0.04		0.01	2.05E-06	0.05
181	Secondary School C	684650.3	4866460.3	0.08	7.46E-04	9.33E-04	6.49E-06	2.80E-03	7.22E-04	5.99E-03	3.04E-04	6.25E-03	0.07	4.10E-04	3.03E-03	7.91E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.04E-06	0.05
182	Secondary School D	678099.5	4864838.2	0.08	7.61E-04	1.03E-03	7.19E-06	2.81E-03	7.34E-04	6.10E-03	3.37E-04	6.45E-03	0.07	4.17E-04	3.03E-03	8.76E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.16E-06	0.05
183	Secondary School E	678467.0	4863431.2	0.08	8.80E-04	1.81E-03	1.26E-05	2.85E-03	8.32E-04	6.94E-03	5.90E-04	7.92E-03	0.07	4.74E-04	3.04E-03	1.54E-03	3.71E-03	1.60E-03	0.22	0.04		0.01	2.03E-06	0.05
184	Secondary School F	674144.9	4862762.7	0.08	7.18E-04	7.50E-04	5.22E-06	2.79E-03	6.99E-04	5.79E-03	2.45E-04	5.91E-03	0.07	3.97E-04	3.02E-03	6.36E-04	3.30E-03	1.57E-03	0.21	0.03		0.01	8.40E-07	0.05
185	Secondary School G	673816.0	4864357.1	0.08	7.23E-04	8.45E-04	5.45E-06	2.80E-03	7.03E-04	5.83E-03	2.55E-04	5.97E-03	0.07	3.99E-04	3.03E-03	6.64E-04	3.32E-03	1.57E-03	0.22	0.03		0.01	8.77E-07	0.05
186	Secondary School H	673145.4	4858569.0	0.08	7.37E-04	8.72E-04	6.07E-06	2.80E-03	7.14E-04	5.92E-03	2.84E-04	6.14E-03	0.07	4.05E-04	3.03E-03	7.39E-04	3.35E-03	1.57E-03	0.22	0.03		0.01	9.76E-07	0.05
187	Secondary School I	671291.7	4863581.3	0.08	6.96E-04	6.01E-04	4.18E-06	2.79E-03	6.80E-04	5.63E-03	1.96E-04	5.63E-03	0.07	3.86E-04	3.02E-03	5.09E-04	3.25E-03	1.56E-03	0.21	0.03		0.01	6.73E-07	0.05
188	Secondary School J	671443.2	4861664.9	0.08	6.71E-04	4.41E-04	3.07E-06	2.78E-03	6.60E-04	5.46E-03	1.44E-04	5.32E-03	0.07	3.74E-04	3.02E-03	3.74E-04	3.19E-03	1.56E-03	0.21	0.02		0.01	4.94E-07	0.05
189	Secondary School K	673235.3	4860885.0	0.08	7.12E-04	7.06E-04	4.91E-06	2.79E-03	6.93E-04	5.74E-03	2.30E-04	5.83E-03	0.07	3.93E-04	3.02E-03	5.98E-04	3.29E-03	1.57E-03	0.21	0.03		0.01	7.90E-07	0.05
190	Secondary School L	684252.7	4866500.5	0.08	7.74E-04	1.12E-03	7.77E-06	2.81E-03	7.45E-04	6.19E-03	3.64E-04	6.60E-03	0.07	4.23E-04	3.03E-03	9.46E-04	3.48E-03	1.58E-03	0.22	0.03		0.01	1.25E-06	0.05
191	Secondary School M	673914.1	4859551.7	0.08	8.45E-04	1.58E-03	1.10E-05	2.84E-03	8.04E-04	6.70E-03	5.17E-04	7.49E-03	0.07	4.57E-04	3.03E-03	1.34E-03	3.62E-03	1.59E-03	0.22	0.04		0.01	1.77E-06	0.05
192	Secondary School N	675051.5	4864177.2	0.08	7.33E-04	8.46E-04	5.89E-06	2.80E-03	7.11E-04	5.90E-03	2.76E-04	6.09E-03	0.07	4.04E-04	3.03E-03	7.18E-04	3.34E-03	1.57E-03	0.22	0.03		0.01	9.47E-07	0.05
193	Adult School	685276.1	4866019.8	0.08	7.71E-04	1.10E-03	7.65E-06	2.81E-03	7.43E-04	6.17E-03	3.59E-04	6.57E-03	0.07	4.22E-04	3.03E-03	9.32E-04	3.44E-03	1.58E-03	0.22	0.03		0.01	1.23E-06	0.05
194	Bow. Valley Cons. 1	685356.6	4864521.2	0.08	7.85E-04	1.19E-03	8.27E-06	2.82E-03	7.54E-04	6.27E-03	3.88E-04	6.74E-03	0.07	4.29E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.22	0.03		0.01	1.33E-06	0.05
195	Bow. Valley Cons. 2	685627.7	4864167.8	0.08	7.47E-04	9.38E-04	6.53E-06	2.80E-03	7.22E-04	6.00E-03	3.06E-04	6.26E-03	0.07	4.10E-04	3.03E-03	7.95E-04	3.38E-03	1.57E-03	0.22	0.03		0.01	1.05E-06	0.05
196	Bow. Valley Cons. 4	685852.7	4863640.2	0.08	7.78E-04	1.14E-03	7.93E-06	2.81E-03	7.48E-04	6.22E-03	3.72E-04	6.65E-03	0.07	4.25E-04	3.03E-03	9.66E-04	3.45E-03	1.58E-03	0.22	0.03		0.01	1.28E-06	0.05
197	Bow. Valley Cons. 5	686163.1	4863621.5	0.08	7.89E-04	1.22E-03	8.47E-06	2.82E-03	7.57E-04	6.30E-03	3.97E-04	6.79E-03	0.07	4.31E-04	3.03E-03	1.03E-03	3.48E-03	1.58E-03	0.22	0.03		0.01	1.36E-06	0.05
198	Bow. Valley Cons. 6	685931.9	4863380.6	0.08	7.76E-04	1.13E-03	7.85E-06	2.81E-03	7.46E-04	6.20E-03	3.68E-04	6.62E-03	0.07	4.24E-04	3.03E-03	9.56E-04	3.45E-03	1.58E-03	0.22	0.03		0.01	1.26E-06	0.05
199	Maple Grove 1	681688.5	4864717.0	0.08	8.42E-04	1.56E-03																		

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
				0.08	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05
217	Port Darlington 9	686867.4	4862119.7	0.08	7.80E-04	1.16E-03	8.05E-06	2.81E-03	7.50E-04	6.23E-03	3.78E-04	6.68E-03	0.07	4.26E-04	3.03E-03	9.82E-04	3.46E-03	1.58E-03	0.22	0.03		0.01	1.30E-06	0.05
218	Port Darlington 10	687190.7	4862048.8	0.08	7.61E-04	1.03E-03	7.17E-06	2.81E-03	7.34E-04	6.10E-03	3.36E-04	6.44E-03	0.07	4.17E-04	3.03E-03	8.74E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.15E-06	0.05
219	Port Darlington 11	687524.4	4862126.8	0.08	7.61E-04	1.03E-03	7.17E-06	2.81E-03	7.34E-04	6.10E-03	3.36E-04	6.44E-03	0.07	4.17E-04	3.03E-03	8.74E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.15E-06	0.05
220	Campground 1	678646.3	4860337.7	0.09	1.02E-03	2.77E-03	1.92E-05	2.89E-03	9.52E-04	7.98E-03	9.02E-04	9.73E-03	0.07	5.43E-04	3.05E-03	2.34E-03	4.07E-03	1.62E-03	0.22	0.05		0.01	3.10E-06	0.05
221	Campground 2	678410.2	4860148.6	0.09	1.03E-03	2.79E-03	1.94E-05	2.89E-03	9.56E-04	8.01E-03	9.11E-04	9.78E-03	0.07	5.46E-04	3.05E-03	2.37E-03	4.09E-03	1.62E-03	0.22	0.05		0.01	3.13E-06	0.05
222	Campground 3	678651.0	4860054.4	0.08	9.36E-04	2.18E-03	1.52E-05	2.86E-03	8.79E-04	7.35E-03	7.11E-04	8.62E-03	0.07	5.01E-04	3.04E-03	1.85E-03	3.85E-03	1.60E-03	0.22	0.04		0.01	2.44E-06	0.05
223	Campground 4	678725.9	4859860.7	0.08	9.26E-04	2.12E-03	1.47E-05	2.86E-03	8.71E-04	7.28E-03	6.90E-04	8.49E-03	0.07	4.96E-04	3.04E-03	1.79E-03	3.83E-03	1.60E-03	0.22	0.04		0.01	2.37E-06	0.05
224	Campground 5	678511.1	4859808.6	0.08	8.81E-04	1.82E-03	1.26E-05	2.85E-03	8.33E-04	6.95E-03	5.92E-04	7.93E-03	0.07	4.74E-04	3.04E-03	1.54E-03	3.71E-03	1.60E-03	0.22	0.04		0.01	2.03E-06	0.05
225	Campground 6	678869.5	4859696.0	0.08	9.35E-04	2.17E-03	1.51E-05	2.86E-03	8.78E-04	7.34E-03	7.08E-04	8.60E-03	0.07	5.00E-04	3.04E-03	1.84E-03	3.85E-03	1.60E-03	0.22	0.04		0.01	2.43E-06	0.05
226	Campground 7	678723.9	4860201.8	0.09	1.05E-03	2.95E-03	2.05E-05	2.90E-03	9.75E-04	8.18E-03	9.61E-04	0.01	0.07	5.57E-04	3.05E-03	2.50E-03	4.14E-03	1.62E-03	0.22	0.05		0.01	3.30E-06	0.05
227	Campground 8	678796.0	4860011.4	0.08	9.40E-04	2.21E-03	1.54E-05	2.87E-03	8.82E-04	7.38E-03	7.20E-04	8.67E-03	0.07	5.03E-04	3.04E-03	1.87E-03	3.86E-03	1.61E-03	0.22	0.04		0.01	2.47E-06	0.05
228	Campground 9	678852.7	4859854.2	0.08	1.00E-03	2.62E-03	1.83E-05	2.89E-03	9.35E-04	7.83E-03	8.56E-04	9.46E-03	0.07	5.33E-04	3.04E-03	2.22E-03	4.02E-03	1.62E-03	0.22	0.05		0.01	2.94E-06	0.05
229	Solina 1	681099.6	4861677.2	0.08	9.95E-04	2.57E-03	1.79E-05	2.88E-03	9.27E-04	7.77E-03	8.37E-04	9.35E-03	0.07	5.29E-04	3.04E-03	2.18E-03	4.00E-03	1.61E-03	0.22	0.04		0.01	2.87E-06	0.05
230	Solina 2	681115.7	4861857.7	0.08	1.01E-03	2.69E-03	1.87E-05	2.89E-03	9.42E-04	7.90E-03	8.76E-04	9.58E-03	0.07	5.38E-04	3.05E-03	2.28E-03	4.04E-03	1.62E-03	0.22	0.05		0.01	3.01E-06	0.05
231	Solina 3	680987.4	4861983.5	0.08	1.00E-03	2.60E-03	1.81E-05	2.89E-03	9.32E-04	7.80E-03	8.48E-04	9.42E-03	0.07	5.31E-04	3.04E-03	2.21E-03	4.01E-03	1.62E-03	0.22	0.05		0.01	2.91E-06	0.05
232	Solina 4	680965.0	4862068.1	0.08	9.90E-04	2.53E-03	1.76E-05	2.88E-03	9.23E-04	7.73E-03	8.26E-04	9.29E-03	0.07	5.27E-04	3.04E-03	2.15E-03	3.99E-03	1.61E-03	0.22	0.04		0.01	2.84E-06	0.05
233	Solina 5	681021.5	4862086.7	0.08	9.96E-04	2.57E-03	1.79E-05	2.88E-03	9.28E-04	7.77E-03	8.39E-04	9.36E-03	0.07	5.29E-04	3.04E-03	2.18E-03	4.00E-03	1.61E-03	0.22	0.04		0.01	2.88E-06	0.05
234	Solina 6	680939.8	4862124.3	0.08	9.84E-04	2.50E-03	1.74E-05	2.88E-03	9.18E-04	7.69E-03	8.14E-04	9.22E-03	0.07	5.24E-04	3.04E-03	2.12E-03	3.97E-03	1.61E-03	0.22	0.04		0.01	2.79E-06	0.05
235	Solina 7	680988.2	4862183.6	0.08	9.80E-04	2.47E-03	1.72E-05	2.88E-03	9.15E-04	7.66E-03	8.05E-04	9.16E-03	0.07	5.22E-04	3.04E-03	2.09E-03	3.96E-03	1.61E-03	0.22	0.04		0.01	2.76E-06	0.05
236	Solina 8	680984.6	4862209.8	0.08	9.76E-04	2.44E-03	1.70E-05	2.88E-03	9.12E-04	7.63E-03	7.96E-04	9.11E-03	0.07	5.20E-04	3.04E-03	2.07E-03	3.95E-03	1.61E-03	0.22	0.04		0.01	2.73E-06	0.05
237	Solina 9	680958.6	4862294.9	0.08	9.60E-04	2.34E-03	1.63E-05	2.87E-03	8.99E-04	7.52E-03	7.63E-04	8.92E-03	0.07	5.12E-04	3.04E-03	1.98E-03	3.91E-03	1.61E-03	0.22	0.04		0.01	2.62E-06	0.05
238	Solina 10	680858.0	4862324.3	0.08	9.73E-04	2.42E-03	1.68E-05	2.88E-03	9.09E-04	7.61E-03	7.89E-04	9.07E-03	0.07	5.18E-04	3.04E-03	2.05E-03	3.94E-03	1.61E-03	0.22	0.04		0.01	2.71E-06	0.05
239	Solina 11	680990.3	4862403.5	0.08	9.43E-04	2.23E-03	1.55E-05	2.87E-03	8.84E-04	7.40E-03	7.26E-04	8.70E-03	0.07	5.04E-04	3.04E-03	1.89E-03	3.87E-03	1.61E-03	0.22	0.04		0.01	2.49E-06	0.05
240	Recreational 1	681545.0	4860865.0	0.08	9.73E-04	2.42E-03	1.68E-05	2.88E-03	9.09E-04	7.61E-03	7.90E-04	9.07E-03	0.07	5.18E-04	3.04E-03	2.05E-03	3.94E-03	1.61E-03	0.22	0.04		0.01	2.71E-06	0.05
241	Recreational 2	681563.7	4860687.4	0.08	1.01E-03	2.69E-03	1.87E-05	2.89E-03	9.42E-04	7.89E-03	8.76E-04	9.57E-03	0.07	5.38E-04	3.05E-03	2.28E-03	4.04E-03	1.62E-03	0.22	0.05		0.01	3.01E-06	0.05
242	Recreational 3	681579.7	4860610.0	0.09	1.02E-03	2.76E-03	1.92E-05	2.89E-03	9.51E-04	7.97E-03	8.99E-04	9.71E-03	0.07	5.43E-04	3.05E-03	2.34E-03	4.07E-03	1.62E-03	0.22	0.05		0.01	3.09E-06	0.05
243	Recreational 6	681876.6	4860254.4	0.09	1.15E-03	3.62E-03	2.52E-05	2.94E-03	1.06E-03	8.91E-03	1.18E-03	0.01	0.08	6.05E-04	3.05E-03	3.07E-03	4.40E-03	1.64E-03	0.23	0.06		0.01	4.05E-06	0.05
244	Recreational 7	682166.9	4860324.4	0.09	1.03E-03	2.81E-03	1.96E-05	2.90E-03	9.58E-04	8.03E-03	9.17E-04	9.81E-03	0.07	5.47E-04	3.05E-03	2.38E-03	4.09E-03	1.62E-03	0.22	0.05		0.01	3.15E-06	0.05
245	Darlington 1	679565.4	4861052.9	0.09	1.39E-03	5.17E-03	3.60E-05	3.01E-03	1.26E-03	0.01	1.69E-03	0.01	0.08	7.19E-04	3.07E-03	4.39E-03	5.00E-03	1.68E-03	0.23	0.07		0.01	5.79E-06	0.05
246	Darlington 2	679452.9	4861051.4	0.09	1.31E-03	4.63E-03	3.22E-05	2.98E-03	1.19E-03	0.01	1.51E-03	0.01	0.08	6.79E-04	3.07E-03	3.92E-03	4.79E-03	1.67E-03	0.23	0.07		0.01	5.18E-06	0.05
247	Darlington 3	679130.5	4860948.8	0.09	1.13E-03	3.49E-03	2.43E-05	2.93E-03	1.04E-03	8.77E-03	1.14E-03	0.01	0.08	5.96E-04	3.05E-03	2.96E-03	4.35E-03	1.64E-03	0.23	0.05		0.01	3.90E-06	0.05
248	Darlington 4	679112.6	4860941.9	0.09	1.14E-03	3.53E-03	2.45E-05	2.93E-03	1.05E-03	8.81E-03	1.15E-03	0.01	0.08	5.99E-04	3.05E-03	2.99E-03	4.37E-03	1.64E-03	0.23	0.05		0.01	3.95E-06	0.05
249	Darlington 5	679057.6	4860994.1	0.09	1.12E-03	3.41E-03	2.37E-05	2.93E-03	1.03E-03	8.68E-03	1.11E-03	0.01	0.08	5.90E-04	3.05E-03	2.89E-03	4.32E-03	1.64E-03	0.23	0.05		0.01	3.82E-06	0.05
250	Darlington 6	679075.2	4860931.6	0.09	1.14E-03	3.55E-03	2.47E-05	2.93E-03	1.05E-03	8.83E-03	1.16E-03	0.01	0.08	6.00E-04	3.05E-03	3.01E-03	4.37E-03	1.64E-03	0.23	0.05		0.01	3.97E-06	0.05
251	Darlington 7	678814.3	4860843.1	0.09	1.06E-03	3.02E-03	2.10E-05	2.91E-03	9.84E-04	8.26E-03	9.85E-04	0.01	0.07	5.62E-04	3.05E-03	2.56E-03	4.17E-03	1.63E-03	0.22	0.05		0.01	3.38E-06	0.05
252	Darlington 8	678840.4	4860777.1	0.09	1.06E-03	2.99E-03	2.08E-05	2.90E-03	9.80E-04	8.22E-03	9.74E-04	0.01	0.07	5.60E-04	3.05E-03	2.53E-03	4.16E-03	1.63E-03	0.22	0.05		0.01	3.35E-06	0.05
253	Light Ind. 1	680000.1	4861034.1	0.09	1.18E-03	3.81E-03	2.65E-05	2.94E-03	1															



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
				0.08	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05
271	Future Industrial 5	679898.8	4860067.4	0.08	9.41E-04	2.22E-03	1.54E-05	2.87E-03	8.83E-04	7.39E-03	7.23E-04	8.69E-03	0.07	5.03E-04	3.04E-03	1.88E-03	3.86E-03	1.61E-03	0.22	0.04		0.01	2.48E-06	0.05
272	Future Industrial 6	680134.8	4860694.1	0.09	1.12E-03	3.40E-03	2.36E-05	2.92E-03	1.03E-03	8.67E-03	1.11E-03	0.01	0.08	5.90E-04	3.05E-03	2.88E-03	4.32E-03	1.64E-03	0.23	0.05		0.01	3.81E-06	0.05
273	Future Industrial 11	680253.7	4860255.2	0.09	1.04E-03	2.87E-03	2.00E-05	2.90E-03	9.66E-04	8.10E-03	9.36E-04	9.92E-03	0.07	5.51E-04	3.05E-03	2.43E-03	4.12E-03	1.62E-03	0.22	0.05		0.01	3.21E-06	0.05
274	Future Industrial 12	679901.2	4860511.8	0.08	9.99E-04	2.59E-03	1.80E-05	2.89E-03	9.31E-04	7.79E-03	8.46E-04	9.40E-03	0.07	5.31E-04	3.04E-03	2.20E-03	4.01E-03	1.62E-03	0.22	0.05		0.01	2.90E-06	0.05
275	Commercial Farmer	679867.8	4860445.4	0.08	1.01E-03	2.69E-03	1.87E-05	2.89E-03	9.42E-04	7.90E-03	8.76E-04	9.58E-03	0.07	5.38E-04	3.05E-03	2.28E-03	4.04E-03	1.62E-03	0.22	0.05		0.01	3.01E-06	0.05
276	Farmer	679277.0	4859981.5	0.08	8.90E-04	1.88E-03	1.31E-05	2.85E-03	8.41E-04	7.02E-03	6.13E-04	8.05E-03	0.07	4.79E-04	3.04E-03	1.59E-03	3.74E-03	1.60E-03	0.22	0.04		0.01	2.10E-06	0.05
277	Residence	679387.2	4860648.9	0.09	1.07E-03	3.05E-03	2.13E-05	2.91E-03	9.89E-04	8.30E-03	9.96E-04	0.01	0.07	5.64E-04	3.05E-03	2.59E-03	4.19E-03	1.63E-03	0.22	0.05		0.01	3.42E-06	0.05
278	Barn	679261.9	4860574.2	0.09	1.04E-03	2.88E-03	2.00E-05	2.90E-03	9.67E-04	8.11E-03	9.39E-04	9.94E-03	0.07	5.52E-04	3.05E-03	2.44E-03	4.12E-03	1.62E-03	0.22	0.05		0.01	3.23E-06	0.05
279	Residence	680150.7	4861295.7	0.09	1.08E-03	3.13E-03	2.17E-05	2.91E-03	9.98E-04	8.37E-03	1.02E-03	0.01	0.08	5.70E-04	3.05E-03	2.65E-03	4.21E-03	1.63E-03	0.23	0.05		0.01	3.50E-06	0.05
280	Residence	679939.8	4861213.4	0.09	1.17E-03	3.73E-03	2.59E-05	2.94E-03	1.07E-03	9.03E-03	1.22E-03	0.01	0.08	6.14E-04	3.06E-03	3.16E-03	4.44E-03	1.64E-03	0.23	0.06		0.01	4.17E-06	0.05
281	Farmer	680855.7	4861456.9	0.09	1.04E-03	2.89E-03	2.01E-05	2.90E-03	9.68E-04	8.12E-03	9.42E-04	9.96E-03	0.07	5.52E-04	3.05E-03	2.45E-03	4.12E-03	1.62E-03	0.22	0.05		0.01	3.23E-06	0.05
282	Farmer	681386.2	4861673.3	0.09	1.04E-03	2.89E-03	2.01E-05	2.90E-03	9.68E-04	8.12E-03	9.42E-04	9.96E-03	0.07	5.52E-04	3.05E-03	2.45E-03	4.12E-03	1.62E-03	0.22	0.05		0.01	3.24E-06	0.05
283	Residence	680683.5	4861597.9	0.09	1.08E-03	3.15E-03	2.19E-05	2.91E-03	1.00E-03	8.40E-03	1.03E-03	0.01	0.08	5.71E-04	3.05E-03	2.67E-03	4.22E-03	1.63E-03	0.23	0.05		0.01	3.53E-06	0.05
284	Business	680064.3	4861343.7	0.09	1.10E-03	3.24E-03	2.25E-05	2.92E-03	1.01E-03	8.50E-03	1.06E-03	0.01	0.08	5.78E-04	3.05E-03	2.75E-03	4.26E-03	1.63E-03	0.23	0.05		0.01	3.63E-06	0.05
285	Farmer	679680.1	4861213.5	0.09	1.23E-03	4.13E-03	2.87E-05	2.96E-03	1.12E-03	9.46E-03	1.35E-03	0.01	0.08	6.43E-04	3.06E-03	3.50E-03	4.60E-03	1.65E-03	0.23	0.06		0.01	4.62E-06	0.05
286	Farmer	681344.8	4861792.9	0.08	9.76E-04	2.44E-03	1.70E-05	2.88E-03	9.12E-04	7.63E-03	7.97E-04	9.12E-03	0.07	5.20E-04	3.04E-03	2.07E-03	3.95E-03	1.61E-03	0.22	0.04		0.01	2.74E-06	0.05
287	Youth Centre	685644.2	4864814.8	0.08	8.00E-04	1.28E-03	8.94E-06	2.82E-03	7.66E-04	6.37E-03	4.19E-04	6.92E-03	0.07	4.36E-04	3.03E-03	1.09E-03	3.51E-03	1.58E-03	0.22	0.03		0.01	1.44E-06	0.05
288	Bowmanville Arena	685462.9	4864615.2	0.08	7.97E-04	1.27E-03	8.81E-06	2.82E-03	7.64E-04	6.35E-03	4.13E-04	6.89E-03	0.07	4.34E-04	3.03E-03	1.07E-03	3.50E-03	1.58E-03	0.22	0.03		0.01	1.42E-06	0.05
289	Bowmanville Rec Complex	684160.3	4864604.5	0.08	8.38E-04	1.53E-03	1.07E-05	2.83E-03	7.97E-04	6.64E-03	5.00E-04	7.39E-03	0.07	4.54E-04	3.03E-03	1.30E-03	3.60E-03	1.59E-03	0.22	0.03		0.01	1.72E-06	0.05
290	Recreation Complex	684586.6	4862406.3	0.08	8.16E-04	1.39E-03	9.68E-06	2.83E-03	7.79E-04	6.49E-03	4.54E-04	7.12E-03	0.07	4.43E-04	3.03E-03	1.18E-03	3.55E-03	1.58E-03	0.22	0.03		0.01	1.56E-06	0.05
291	Superdog Central	681487.7	4865723.3	0.08	7.70E-04	1.09E-03	7.57E-06	2.81E-03	7.41E-04	6.16E-03	3.55E-04	6.55E-03	0.07	4.21E-04	3.03E-03	9.23E-04	3.43E-03	1.58E-03	0.22	0.03		0.01	1.22E-06	0.05
292	Equestrian Centre	681567.1	4863670.7	0.08	9.17E-04	2.05E-03	1.43E-05	2.86E-03	8.63E-04	7.21E-03	6.70E-04	8.38E-03	0.07	4.92E-04	3.04E-03	1.74E-03	3.80E-03	1.60E-03	0.22	0.04		0.01	2.30E-06	0.05
293	Flea Market	678574.6	4862819.4	0.08	9.15E-04	2.04E-03	1.42E-05	2.86E-03	8.61E-04	7.19E-03	6.65E-04	8.35E-03	0.07	4.91E-04	3.04E-03	1.73E-03	3.80E-03	1.60E-03	0.22	0.04		0.01	2.28E-06	0.05
294	Equestrian Centre	680030.8	4867320.2	0.08	7.13E-04	7.15E-04	4.97E-06	2.79E-03	6.94E-04	5.75E-03	2.33E-04	5.84E-03	0.07	3.94E-04	3.02E-03	6.06E-04	3.29E-03	1.57E-03	0.21	0.03		0.01	8.00E-07	0.05
295	Courtice Community Comp	678099.3	4864629.8	0.08	7.62E-04	1.03E-03	7.20E-06	2.81E-03	7.34E-04	6.10E-03	3.37E-04	6.45E-03	0.07	4.17E-04	3.03E-03	8.77E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.16E-06	0.05
296	Former Restaurant	679830.2	4860702.2	0.08	9.82E-04	2.48E-03	1.73E-05	2.88E-03	9.17E-04	7.68E-03	8.10E-04	9.19E-03	0.07	5.23E-04	3.04E-03	2.11E-03	3.97E-03	1.61E-03	0.22	0.04		0.01	2.78E-06	0.05
297	Commercial	679364.8	4861016.0	0.09	1.17E-03	3.73E-03	2.60E-05	2.94E-03	1.07E-03	9.03E-03	1.22E-03	0.01	0.08	6.14E-04	3.06E-03	3.16E-03	4.44E-03	1.64E-03	0.23	0.06		0.01	4.18E-06	0.05
298	GM Oshawa Headquarters	676418.3	4860463.7	0.08	8.98E-04	1.93E-03	1.34E-05	2.85E-03	8.47E-04	7.08E-03	6.30E-04	8.15E-03	0.07	4.83E-04	3.04E-03	1.64E-03	3.76E-03	1.60E-03	0.22	0.04		0.01	2.16E-06	0.05
299	Farm A?	682972.3	4862201.9	0.08	8.76E-04	1.79E-03	1.24E-05	2.85E-03	8.29E-04	6.92E-03	5.82E-04	7.87E-03	0.07	4.72E-04	3.04E-03	1.51E-03	3.70E-03	1.59E-03	0.22	0.04		0.01	2.00E-06	0.05
300	Farm B?	683546.9	4861959.7	0.08	8.94E-04	1.91E-03	1.33E-05	2.85E-03	8.44E-04	7.05E-03	6.21E-04	8.10E-03	0.07	4.81E-04	3.04E-03	1.62E-03	3.75E-03	1.60E-03	0.22	0.04		0.01	2.13E-06	0.05
301	Farm C?	682547.5	4862321.1	0.08	9.64E-04	2.36E-03	1.64E-05	2.87E-03	9.02E-04	7.55E-03	7.71E-04	8.96E-03	0.07	5.14E-04	3.04E-03	2.00E-03	3.92E-03	1.61E-03	0.22	0.04		0.01	2.65E-06	0.05
302	Farm D?	683238.3	4862393.3	0.08	8.47E-04	1.60E-03	1.11E-05	2.84E-03	8.05E-04	6.71E-03	5.20E-04	7.51E-03	0.07	4.58E-04	3.03E-03	1.35E-03	3.63E-03	1.59E-03	0.22	0.04		0.01	1.79E-06	0.05
303	Farm E?	682512.6	4862858.0	0.08	9.97E-04	2.58E-03	1.79E-05	2.88E-03	9.29E-04	7.78E-03	8.41E-04	9.37E-03	0.07	5.30E-04	3.04E-03	2.19E-03	4.00E-03	1.61E-03	0.22	0.04		0.01	2.89E-06	0.05
304	Farm F?	683129.1	4863649.4	0.08	9.02E-04	1.96E-03	1.36E-05	2.85E-03	8.51E-04	7.10E-03	6.38E-04	8.19E-03	0.07	4.84E-04	3.04E-03	1.66E-03	3.77E-03	1.60E-03	0.22	0.04		0.01	2.19E-06	0.05
305	Bennett 1	688209.3	4862512.1	0.08	7.46E-04	9.35E-04	6.51E-06	2.80E-03	7.22E-04	5.99E-03	3.05E-04	6.26E-03	0.07	4.10E-04	3.03E-03	7.93E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.05E-06	0.05
306	Bennett 2	687990.0	4863221.3	0.08	7.23E-04	7.83E-04	5.44E-06	2.80E-03	7.03E-04	5.83E-03	2.55E-04	5.97E-03	0.07	3.99E-04	3.03E-03	6.63E-04	3.32E-03	1.57E-03	0.22	0.03		0.01	8.76E-07	0.05
307	Bennett 3	688818.4	4862836.3	0.08	7.32E-04	8.42E-04	5.86E-06	2.80E-03	7.10E-04	5.89E-03	2.75E-													

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)	0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
				0.08	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05
325	Bowmanville 5	682452.2	4869417.5	0.08	6.93E-04	5.85E-04	4.07E-06	2.79E-03	6.78E-04	5.61E-03	1.91E-04	5.60E-03	0.07	3.85E-04	3.02E-03	4.96E-04	3.24E-03	1.56E-03	0.21	0.03		0.01	6.54E-07	0.05
326	Bowmanville 6	684778.5	4864888.2	0.08	7.54E-04	9.83E-04	6.84E-06	2.81E-03	7.28E-04	6.05E-03	3.21E-04	6.35E-03	0.07	4.14E-04	3.03E-03	8.34E-04	3.39E-03	1.57E-03	0.22	0.03		0.01	1.10E-06	0.05
327	Bowmanville 7	684549.5	4866404.4	0.08	7.59E-04	1.01E-03	7.06E-06	2.81E-03	7.32E-04	6.08E-03	3.31E-04	6.41E-03	0.07	4.16E-04	3.03E-03	8.60E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.14E-06	0.05
328	Upper Tooley 1	679944.8	4864883.1	0.08	8.24E-04	1.45E-03	1.01E-05	2.83E-03	7.86E-04	6.55E-03	4.72E-04	7.23E-03	0.07	4.47E-04	3.03E-03	1.23E-03	3.57E-03	1.59E-03	0.22	0.03		0.01	1.62E-06	0.05
329	Upper Tooley 2	679055.1	4863885.8	0.08	8.00E-04	1.29E-03	8.97E-06	2.82E-03	7.66E-04	6.38E-03	4.20E-04	6.93E-03	0.07	4.36E-04	3.03E-03	1.09E-03	3.51E-03	1.58E-03	0.22	0.03		0.01	1.44E-06	0.05
330	Upper Tooley 3	679714.0	4862767.4	0.08	9.42E-04	2.22E-03	1.54E-05	2.87E-03	8.84E-04	7.39E-03	7.24E-04	8.69E-03	0.07	5.04E-04	3.04E-03	1.88E-03	3.87E-03	1.61E-03	0.22	0.04		0.01	2.48E-06	0.05
331	Upper Tooley 4	678898.8	4861800.6	0.09	1.13E-03	3.43E-03	2.39E-05	2.93E-03	1.04E-03	8.71E-03	1.12E-03	0.01	0.08	5.92E-04	3.05E-03	2.91E-03	4.33E-03	1.64E-03	0.23	0.05		0.01	3.85E-06	0.05
332	Upper Tooley 5	680353.5	4862156.5	0.09	1.04E-03	2.85E-03	1.99E-05	2.90E-03	9.64E-04	8.08E-03	9.31E-03	9.89E-03	0.07	5.50E-04	3.05E-03	2.42E-03	4.11E-03	1.62E-03	0.22	0.05		0.01	3.20E-06	0.05
333	Upper Tooley 6	679818.1	4861625.7	0.09	1.05E-03	2.90E-03	2.02E-05	2.90E-03	9.69E-04	8.13E-03	9.45E-04	9.98E-03	0.07	5.53E-04	3.05E-03	2.46E-03	4.13E-03	1.62E-03	0.22	0.05		0.01	3.25E-06	0.05
334	Robinson 1	678434.8	4860943.1	0.09	1.02E-03	2.70E-03	1.88E-05	2.89E-03	9.44E-04	7.91E-03	8.81E-04	9.61E-03	0.07	5.39E-04	3.05E-03	2.29E-03	4.05E-03	1.62E-03	0.22	0.05		0.01	3.03E-06	0.05
335	Robinson 2	677752.6	4861240.6	0.08	9.50E-04	2.27E-03	1.58E-05	2.87E-03	8.90E-04	7.45E-03	7.41E-04	8.79E-03	0.07	5.08E-04	3.04E-03	1.93E-03	3.89E-03	1.61E-03	0.22	0.04		0.01	2.54E-06	0.05
336	Robinson 3	677642.2	4861787.2	0.08	9.29E-04	2.14E-03	1.49E-05	2.86E-03	8.73E-04	7.30E-03	6.97E-04	8.54E-03	0.07	4.98E-04	3.04E-03	1.81E-03	3.83E-03	1.60E-03	0.22	0.04		0.01	2.39E-06	0.05
337	Robinson 4	678532.7	4862143.6	0.09	1.05E-03	2.93E-03	2.04E-05	2.90E-03	9.73E-04	8.16E-03	9.56E-04	0.01	0.07	5.55E-04	3.05E-03	2.48E-03	4.14E-03	1.62E-03	0.22	0.05		0.01	3.28E-06	0.05
338	Robinson 5	678005.1	4862784.9	0.08	8.96E-04	1.92E-03	1.33E-05	2.85E-03	8.46E-04	7.06E-03	6.26E-04	8.12E-03	0.07	4.82E-04	3.04E-03	1.63E-03	3.75E-03	1.60E-03	0.22	0.04		0.01	2.15E-06	0.05
339	Robinson 6	677882.7	4860587.7	0.08	9.38E-04	2.19E-03	1.53E-05	2.87E-03	8.80E-04	7.36E-03	7.15E-04	8.64E-03	0.07	5.02E-04	3.04E-03	1.86E-03	3.86E-03	1.60E-03	0.22	0.04		0.01	2.46E-06	0.05
340	F/B 1	677443.1	4867862.1	0.08	7.26E-04	8.01E-04	5.57E-06	2.80E-03	7.05E-04	5.85E-03	2.61E-04	6.01E-03	0.07	4.00E-04	3.03E-03	6.79E-04	3.32E-03	1.57E-03	0.22	0.03		0.01	8.97E-07	0.05
341	F/B 2	679667.4	4866611.4	0.08	7.51E-04	9.65E-04	6.71E-06	2.81E-03	7.26E-04	6.02E-03	3.15E-04	6.32E-03	0.07	4.12E-04	3.03E-03	8.18E-04	3.39E-03	1.57E-03	0.22	0.03		0.01	1.08E-06	0.05
342	F/B 3	678655.0	4867470.1	0.08	7.83E-04	1.18E-03	8.20E-06	2.82E-03	7.53E-04	6.26E-03	3.84E-04	6.72E-03	0.07	4.28E-04	3.03E-03	9.99E-04	3.47E-03	1.58E-03	0.22	0.03		0.01	1.32E-06	0.05
343	F/B 4	676191.2	4866844.7	0.08	7.26E-04	8.00E-04	5.56E-06	2.80E-03	7.05E-04	5.85E-03	2.61E-04	6.00E-03	0.07	4.00E-04	3.03E-03	6.78E-04	3.32E-03	1.57E-03	0.22	0.03		0.01	8.96E-07	0.05
344	F/B 5	678273.3	4866093.0	0.08	7.53E-04	9.77E-04	6.80E-06	2.81E-03	7.27E-04	6.04E-03	3.19E-04	6.34E-03	0.07	4.13E-04	3.03E-03	8.28E-04	3.39E-03	1.57E-03	0.22	0.03		0.01	1.09E-06	0.05
345	F/B 6	681241.2	4867098.8	0.08	7.26E-04	8.01E-04	5.58E-06	2.80E-03	7.05E-04	5.85E-03	2.61E-04	6.01E-03	0.07	4.00E-04	3.03E-03	6.80E-04	3.32E-03	1.57E-03	0.22	0.03		0.01	8.97E-07	0.05
346	F/B 7	682165.3	4868082.3	0.08	7.18E-04	7.49E-04	5.21E-06	2.79E-03	6.98E-04	5.79E-03	2.44E-04	5.91E-03	0.07	3.97E-04	3.02E-03	6.35E-04	3.30E-03	1.57E-03	0.21	0.03		0.01	8.39E-07	0.05
347	F/B 8	679366.6	4868628.3	0.08	7.06E-04	6.70E-04	4.66E-06	2.79E-03	6.88E-04	5.70E-03	2.18E-04	5.76E-03	0.07	3.91E-04	3.02E-03	5.68E-04	3.27E-03	1.57E-03	0.21	0.03		0.01	7.50E-07	0.05
348	F/B 9	680310.1	4869967.1	0.08	6.83E-04	5.19E-04	3.61E-06	2.78E-03	6.70E-04	5.54E-03	1.69E-04	5.47E-03	0.07	3.80E-04	3.02E-03	4.40E-04	3.22E-03	1.56E-03	0.21	0.02		0.01	5.81E-07	0.05
349	F/B 10	676487.3	4869291.6	0.08	7.71E-04	1.10E-03	7.62E-06	2.81E-03	7.42E-04	6.17E-03	3.57E-04	6.56E-03	0.07	4.22E-04	3.03E-03	9.29E-04	3.44E-03	1.58E-03	0.22	0.03		0.01	1.23E-06	0.05
350	F/B 11	676851.4	4865409.3	0.08	7.67E-04	1.07E-03	7.46E-06	2.81E-03	7.39E-04	6.14E-03	3.50E-04	6.52E-03	0.07	4.20E-04	3.03E-03	9.09E-04	3.43E-03	1.58E-03	0.22	0.03		0.01	1.20E-06	0.05
351	F/B 12	681153.3	4868682.2	0.08	7.03E-04	6.48E-04	4.51E-06	2.79E-03	6.86E-04	5.68E-03	2.11E-04	5.72E-03	0.07	3.89E-04	3.02E-03	5.50E-04	3.27E-03	1.57E-03	0.21	0.03		0.01	7.26E-07	0.05
352	F/B 13	675416.3	4859833.9	0.08	8.45E-04	1.58E-03	1.10E-05	2.84E-03	8.04E-04	6.70E-03	5.16E-04	7.49E-03	0.07	4.57E-04	3.03E-03	1.34E-03	3.62E-03	1.59E-03	0.22	0.04		0.01	1.77E-06	0.05
353	Second 1	675153.4	4860552.8	0.08	8.09E-04	1.35E-03	9.36E-06	2.82E-03	7.74E-04	6.44E-03	4.39E-04	7.04E-03	0.07	4.40E-04	3.03E-03	1.14E-03	3.53E-03	1.58E-03	0.22	0.03		0.01	1.51E-06	0.05
354	Second 2	675297.5	4860891.3	0.08	8.12E-04	1.36E-03	9.48E-06	2.82E-03	7.76E-04	6.46E-03	4.44E-04	7.07E-03	0.07	4.41E-04	3.03E-03	1.16E-03	3.54E-03	1.58E-03	0.22	0.03		0.01	1.53E-06	0.05
355	Second 3	675647.2	4860644.9	0.08	8.28E-04	1.47E-03	1.02E-05	2.83E-03	7.89E-04	6.58E-03	4.80E-04	7.27E-03	0.07	4.49E-04	3.03E-03	1.25E-03	3.58E-03	1.59E-03	0.22	0.03		0.01	1.65E-06	0.05
356	Second 4	675670.5	4860076.5	0.08	8.34E-04	1.51E-03	1.05E-05	2.83E-03	7.94E-04	6.61E-03	4.92E-04	7.34E-03	0.07	4.52E-04	3.03E-03	1.28E-03	3.59E-03	1.59E-03	0.22	0.03		0.01	1.69E-06	0.05
357	Second 5	676043.3	4860319.1	0.08	8.42E-04	1.56E-03	1.09E-05	2.83E-03	8.01E-04	6.68E-03	5.10E-04	7.45E-03	0.07	4.56E-04	3.03E-03	1.32E-03	3.61E-03	1.59E-03	0.22	0.03		0.01	1.75E-06	0.05
358	Second 6	675923.4	4859821.4	0.08	9.54E-04	2.30E-03	1.60E-05	2.87E-03	8.93E-04	7.47E-03	7.49E-04	8.84E-03	0.07	5.09E-04	3.04E-03	1.95E-03	3.90E-03	1.61E-03	0.22	0.04		0.01	2.57E-06	0.05
359	McLaughlin Bay 1	676714.7	4860903.8	0.08	8.69E-04	1.74E-03	1.21E-05	2.84E-03	8.23E-04	6.87E-03	5.67E-04	7.78E-03	0.07	4.69E-04	3.04E-03	1.47E-03	3.68E-03	1.59E-03	0.22	0.04		0.01	1.95E-06	0.05
360	McLaughlin Bay 2	677310.8	4860528.2	0.08	9.69E-04	2.40E-03	1.67E-05	2.88E-03	9.06E-04	7.58E-03	7.81E-04	9.03E-03	0.07	5.16E-04	3.04E-03	2.03E-03	3.93E-03	1.61E-03	0.22	0.04		0.01	2.68E-06	0.05
361	McLaughlin Bay 3	676563.5	4860260.1	0.08	8.67E-04	1.72E																		

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene
		(m)	(m)																					
				0.02	8.19E-04	5.38E-03	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06
				0.08	6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05
379	Darlington 5	683223.2	4861114.0	0.08	9.74E-04	2.43E-03	1.69E-05	2.88E-03	9.10E-04	7.62E-03	7.93E-04	9.09E-03	0.07	5.19E-04	3.04E-03	2.06E-03	3.95E-03	1.61E-03	0.22	0.04		0.01	2.72E-06	0.05
380	Darlington 6	683947.7	4862362.0	0.08	8.70E-04	1.75E-03	1.22E-05	2.84E-03	8.24E-04	6.88E-03	5.70E-04	7.80E-03	0.07	4.69E-04	3.04E-03	1.48E-03	3.69E-03	1.59E-03	0.22	0.04		0.01	1.96E-06	0.05
381	Darlington 7	685361.9	4861143.4	0.08	8.62E-04	1.69E-03	1.18E-05	2.84E-03	8.17E-04	6.82E-03	5.52E-04	7.69E-03	0.07	4.65E-04	3.03E-03	1.43E-03	3.66E-03	1.59E-03	0.22	0.04		0.01	1.89E-06	0.05
382	Bennett ECO/HH	688606.4	4862634.8	0.08	7.36E-04	8.67E-04	6.03E-06	2.80E-03	7.13E-04	5.92E-03	2.83E-04	6.13E-03	0.07	4.05E-04	3.03E-03	7.35E-04	3.35E-03	1.57E-03	0.22	0.03		0.01	9.70E-07	0.05
383	Oshawa ECO/HH	673884.9	4859128.9	0.08	8.37E-04	1.53E-03	1.07E-05	2.83E-03	7.97E-04	6.64E-03	4.99E-04	7.39E-03	0.07	4.54E-04	3.03E-03	1.30E-03	3.60E-03	1.59E-03	0.22	0.03		0.01	1.71E-06	0.05
384	Oshawa Creek 1	671671.2	4862793.7	0.08	7.00E-04	6.33E-04	4.40E-06	2.79E-03	6.84E-04	5.66E-03	2.06E-04	5.69E-03	0.07	3.88E-04	3.02E-03	5.36E-04	3.26E-03	1.57E-03	0.21	0.03		0.01	7.08E-07	0.05
385	Oshawa Creek 2	671668.5	4861589.5	0.08	6.74E-04	4.56E-04	3.17E-06	2.78E-03	6.62E-04	5.47E-03	1.49E-04	5.35E-03	0.07	3.75E-04	3.02E-03	3.87E-04	3.19E-03	1.56E-03	0.21	0.02		0.01	5.11E-07	0.05
386	Oshawa Creek 3	672820.2	4861287.2	0.08	6.86E-04	5.38E-04	3.75E-06	2.78E-03	6.72E-04	5.56E-03	1.76E-04	5.51E-03	0.07	3.81E-04	3.02E-03	4.56E-04	3.22E-03	1.56E-03	0.21	0.02		0.01	6.03E-07	0.05
387	Oshawa Creek 4	672360.3	4860262.6	0.08	7.05E-04	6.60E-04	4.59E-06	2.79E-03	6.87E-04	5.69E-03	2.15E-04	5.74E-03	0.07	3.90E-04	3.02E-03	5.60E-04	3.27E-03	1.57E-03	0.21	0.03		0.01	7.39E-07	0.05
388	Oshawa Creek 5	673921.2	4860115.0	0.08	7.44E-04	9.19E-04	6.39E-06	2.80E-03	7.20E-04	5.98E-03	3.00E-04	6.23E-03	0.07	4.09E-04	3.03E-03	7.79E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.03E-06	0.05
389	Oshawa Creek 6	673154.0	4859421.9	0.08	8.44E-04	1.57E-03	1.10E-05	2.84E-03	8.02E-04	6.69E-03	5.13E-04	7.47E-03	0.07	4.57E-04	3.03E-03	1.33E-03	3.62E-03	1.59E-03	0.22	0.03		0.01	1.76E-06	0.05
390	Farmer	677409.8	4861051.4	0.09	1.10E-03	3.24E-03	2.26E-05	2.92E-03	1.01E-03	8.50E-03	1.06E-03	0.01	0.08	5.78E-04	3.05E-03	2.75E-03	4.26E-03	1.63E-03	0.23	0.05		0.01	3.63E-06	0.05
391	Commercial Market	688276.3	4864698.5	0.08	7.66E-04	1.06E-03	7.38E-06	2.81E-03	7.38E-04	6.13E-03	3.46E-04	6.50E-03	0.07	4.19E-04	3.03E-03	8.99E-04	3.42E-03	1.58E-03	0.22	0.03		0.01	1.19E-06	0.05

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
		(m)	(m)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		8.76E-04	6.25E-05	1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04	4.41E-07	1.35E-04
1	Campground 10	678526.8	4859996.8	7.15E-06	2.15E-06	4.24E-06	8.85E-04	6.46E-05	5.57E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.10E-06	
2	ECO 2	675490.4	4860360.1	5.21E-06	1.57E-06	3.09E-06	8.82E-04	6.40E-05	4.06E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.04E-07	
3	Recreational 5	681642.0	4860349.3	1.12E-05	3.37E-06	6.64E-06	8.90E-04	6.58E-05	8.72E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.34E-05	6.79E-05	1.36E-04	1.56E-03	1.35E-04	9.67E-05	1.35E-04	1.73E-06	
4	ECO 4	676831.5	4859840.9	1.04E-05	3.13E-06	6.15E-06	8.89E-04	6.56E-05	8.08E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.60E-06	
5	Bow. Valley Cons. 3	685767.2	4863879.0	4.55E-06	1.37E-06	2.69E-06	8.82E-04	6.38E-05	3.54E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.01E-07	
6	ECO 6	679647.8	4859989.3	7.04E-06	2.12E-06	4.17E-06	8.85E-04	6.46E-05	5.48E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.09E-06	
7	ECO 7	681578.8	4862070.1	9.84E-06	2.96E-06	5.83E-06	8.88E-04	6.54E-05	7.65E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.31E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.52E-06	
8	ECO 8	679735.5	4861048.6	1.90E-05	5.72E-06	1.13E-05	8.99E-04	6.81E-05	1.48E-05	3.11E-04	1.25E-03	1.63E-04	6.79E-05	1.42E-04	6.78E-05	1.38E-04	1.38E-04	7.53E-05	6.81E-05	1.36E-04	1.69E-03	1.35E-04	9.68E-05	1.35E-04	2.93E-06	
9	ECO 9	687219.7	4864249.3	4.08E-06	1.23E-06	2.42E-06	8.81E-04	6.37E-05	3.17E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.29E-07	
10	ECO 10	686519.0	4861987.6	4.40E-06	1.32E-06	2.61E-06	8.81E-04	6.38E-05	3.42E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.78E-07	
11	ECO 11	679870.4	4859737.9	8.59E-06	2.59E-06	5.09E-06	8.86E-04	6.50E-05	6.69E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.32E-06	
12	Recreational 4	681575.5	4860557.7	9.31E-06	2.80E-06	5.52E-06	8.87E-04	6.52E-05	7.25E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.30E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.44E-06	
13	Future Industrial 9	680704.5	4859857.8	1.01E-05	3.03E-06	5.96E-06	8.88E-04	6.55E-05	7.82E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.31E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.55E-06	
14	Future Industrial 10	680608.0	4860719.6	1.62E-05	4.89E-06	9.62E-06	8.96E-04	6.73E-05	1.26E-05	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.46E-05	6.80E-05	1.36E-04	1.64E-03	1.35E-04	9.68E-05	1.35E-04	2.50E-06	
15	Harmony Creek	673992.4	4865641.4	4.49E-06	1.35E-06	2.66E-06	8.82E-04	6.38E-05	3.50E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.93E-07	
16	Farewell Creek	678079.2	4868822.7	3.80E-06	1.14E-06	2.25E-06	8.81E-04	6.36E-05	2.96E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.86E-07	
17	Farmer	681378.6	4860335.0	1.19E-05	3.57E-06	7.02E-06	8.90E-04	6.60E-05	9.23E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.36E-05	6.80E-05	1.36E-04	1.57E-03	1.35E-04	9.67E-05	1.35E-04	1.83E-06	
18	Watson Farm	682883.4	4864219.7	9.40E-06	2.83E-06	5.57E-06	8.87E-04	6.53E-05	7.32E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.30E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.45E-06	
19	Racanski Farm	678929.2	4865530.2	6.13E-06	1.85E-06	3.63E-06	8.84E-04	6.43E-05	4.77E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.45E-07	
20	Zoo	687216.8	4864835.3	3.55E-06	1.07E-06	2.10E-06	8.80E-04	6.35E-05	2.76E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.47E-07	
21	Cedar Crest Beach	686652.1	4861660.9	7.02E-06	2.11E-06	4.16E-06	8.85E-04	6.46E-05	5.46E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.08E-06	
22	Darlington Prov Park Beach	677844.6	4859718.2	7.54E-06	2.27E-06	4.47E-06	8.85E-04	6.47E-05	5.87E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.16E-06	
23	OPG 1	682258.1	4860045.0	1.24E-05	3.74E-06	7.35E-06	8.91E-04	6.62E-05	9.66E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.37E-05	6.80E-05	1.36E-04	1.58E-03	1.35E-04	9.67E-05	1.35E-04	1.91E-06	
24	OPG 2	682551.4	4859889.1	8.59E-06	2.59E-06	5.09E-06	8.86E-04	6.50E-05	6.68E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.32E-06	
25	OPG 3	682824.6	4859759.3	7.98E-06	2.40E-06	4.73E-06	8.86E-04	6.48E-05	6.21E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.23E-06	
26	OPG 4	683021.6	4859937.3	8.86E-06	2.67E-06	5.25E-06	8.87E-04	6.51E-05	6.89E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.37E-06	
27	OPG 5	683318.2	4859677.8	6.19E-06	1.86E-06	3.67E-06	8.84E-04	6.43E-05	4.82E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.79E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.55E-07	
28	OPG 6	683306.9	4860023.0	8.17E-06	2.46E-06	4.84E-06	8.86E-04	6.49E-05	6.36E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.26E-06	
29	OPG 7	683718.6	4859915.8	6.19E-06	1.86E-06	3.67E-06	8.84E-04	6.43E-05	4.82E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.79E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.54E-07	
30	OPG 8	682702.0	4859998.6	1.05E-05	3.17E-06	6.24E-06	8.89E-04	6.56E-05	8.19E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.62E-06	
31	OPG 9	684347.7	4861184.6	6.58E-06	1.98E-06	3.90E-06	8.84E-04	6.44E-05	5.12E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.01E-06	
32	OPG 10	682157.2	4861228.2	1.00E-05	3.01E-06	5.92E-06	8.88E-04	6.54E-05	7.78E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.31E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.54E-06	
33	St. Mary's 1	684557.0	4861070.0	8.23E-06	2.48E-06	4.88E-06	8.86E-04	6.49E-05	6.40E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.27E-06	
34	St. Mary's 2	684657.3	4861320.8	5.73E-06	1.72E-06	3.39E-06	8.83E-04	6.42E-05	4.46E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.83E-07	
35	St. Mary's 3	684905.3	4861154.4	7.92E-06	2.38E-06	4.69E-06	8.86E-04	6.48E-05	6.16E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-0							



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
		(m)	(m)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		8.76E-04	6.25E-05	1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04	4.41E-07	1.35E-04
55	Bow. Subdivision 10	685266.0	4863243.1	5.25E-06	1.58E-06	3.11E-06	8.82E-04	6.40E-05	4.09E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.10E-07	
56	Osh/Court Subdivision 1	677396.8	4860977.3	1.13E-05	3.41E-06	6.72E-06	8.90E-04	6.58E-05	8.82E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.34E-05	6.80E-05	1.36E-04	1.56E-03	1.35E-04	9.67E-05	1.35E-04	1.75E-06	
57	Osh/Court Subdivision 2	676633.5	4860816.8	6.85E-06	2.06E-06	4.06E-06	8.84E-04	6.45E-05	5.33E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.06E-06	
58	Osh/Court Subdivision 3	676916.0	4861925.0	6.06E-06	1.82E-06	3.59E-06	8.83E-04	6.43E-05	4.71E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.34E-07	
59	Osh/Court Subdivision 4	676730.5	4861317.1	1.03E-05	3.11E-06	6.12E-06	8.89E-04	6.55E-05	8.04E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.59E-06	
60	Osh/Court Subdivision 5	676087.2	4861392.3	6.85E-06	2.06E-06	4.06E-06	8.84E-04	6.45E-05	5.33E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.06E-06	
61	Osh/Court Subdivision 6	676177.1	4861722.2	5.05E-06	1.52E-06	2.99E-06	8.82E-04	6.40E-05	3.93E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.79E-07	
62	Osh/Court Subdivision 7	675670.7	4861783.2	5.29E-06	1.59E-06	3.13E-06	8.83E-04	6.40E-05	4.12E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.16E-07	
63	Osh/Court Subdivision 8	676050.8	4862055.7	4.67E-06	1.41E-06	2.77E-06	8.82E-04	6.39E-05	3.64E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.20E-07	
64	Osh/Court Subdivision 9	676636.9	4862134.3	5.31E-06	1.60E-06	3.15E-06	8.83E-04	6.41E-05	4.14E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.19E-07	
65	Osh/Court Subdivision 10	676571.3	4861634.8	5.66E-06	1.70E-06	3.35E-06	8.83E-04	6.42E-05	4.40E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.72E-07	
66	Bow. Subdivision 11	684649.2	4863182.7	5.29E-06	1.59E-06	3.13E-06	8.83E-04	6.40E-05	4.12E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.15E-07	
67	Daycare B	685172.4	4863933.1	3.91E-06	1.18E-06	2.31E-06	8.81E-04	6.36E-05	3.04E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.02E-07	
68	Daycare C	685452.0	4863104.4	4.47E-06	1.34E-06	2.65E-06	8.82E-04	6.38E-05	3.48E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.89E-07	
69	Daycare D	685527.7	4864693.3	4.88E-06	1.47E-06	2.89E-06	8.82E-04	6.39E-05	3.80E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.52E-07	
70	Daycare E	685735.4	4864790.8	4.58E-06	1.38E-06	2.71E-06	8.82E-04	6.38E-05	3.56E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.06E-07	
71	Daycare F	685520.3	4864854.3	4.92E-06	1.48E-06	2.92E-06	8.82E-04	6.39E-05	3.83E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.59E-07	
72	Daycare G	685441.9	4864878.0	4.76E-06	1.43E-06	2.82E-06	8.82E-04	6.39E-05	3.70E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.34E-07	
73	Daycare H	686364.8	4864707.8	3.16E-06	9.50E-07	1.87E-06	8.80E-04	6.34E-05	2.46E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.87E-07	
74	Daycare I	685721.6	4865127.3	4.49E-06	1.35E-06	2.66E-06	8.82E-04	6.38E-05	3.49E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.92E-07	
75	Daycare J	678256.3	4863565.4	6.40E-06	1.93E-06	3.79E-06	8.84E-04	6.44E-05	4.98E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.86E-07	
76	Daycare K	677694.1	4864043.7	4.88E-06	1.47E-06	2.89E-06	8.82E-04	6.39E-05	3.80E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.53E-07	
77	Daycare L	676479.5	4862526.2	6.05E-06	1.82E-06	3.59E-06	8.83E-04	6.43E-05	4.71E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.33E-07	
78	Daycare M	678320.9	4864763.5	4.18E-06	1.26E-06	2.48E-06	8.81E-04	6.37E-05	3.26E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.45E-07	
79	Daycare N	678513.4	4865058.0	3.51E-06	1.06E-06	2.08E-06	8.80E-04	6.35E-05	2.73E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.40E-07	
80	Daycare O	672788.7	4863936.6	2.31E-06	6.95E-07	1.37E-06	8.79E-04	6.32E-05	1.80E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.56E-07	
81	Daycare P	673952.8	4863592.5	2.84E-06	8.56E-07	1.68E-06	8.80E-04	6.33E-05	2.21E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.38E-07	
82	Daycare Q	671751.8	4864887.7	1.94E-06	5.85E-07	1.15E-06	8.79E-04	6.31E-05	1.51E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	2.99E-07	
83	Daycare R	685714.4	4864667.4	4.33E-06	1.30E-06	2.56E-06	8.81E-04	6.38E-05	3.37E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.67E-07	
84	Daycare S	684177.9	4863618.2	7.10E-06	2.14E-06	4.21E-06	8.85E-04	6.46E-05	5.52E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.09E-06	
85	Daycare T	678423.6	4864480.4	4.37E-06	1.32E-06	2.59E-06	8.81E-04	6.38E-05	3.40E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.74E-07	
86	Daycare U	685330.5	4863435.1	4.90E-06	1.48E-06	2.90E-06	8.82E-04	6.39E-05	3.81E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.55E-07	
87	Daycare V	685153.2	4863236.9	4.90E-06	1.48E-06	2.90E-06	8.82E-04	6.39E-05	3.81E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.56E-07	
88	Daycare W	672679.0	4862044.9	2.66E-06	8.02E-07	1.58E-06	8.79E-04	6.33E-05	2.07E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.11E-07	
89	Daycare X	672076.5	4865285.8	2.43E-06	7.32E-07	1.44E-06	8.79E-04	6.32E-05	1.89E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04</									

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
		(m)	(m)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04	4.41E-07	3.13E-06		
109	Hospital (Children's)	676057.8	4862180.9	4.74E-06	1.43E-06	2.81E-06	8.82E-04	6.39E-05	3.69E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.31E-07	
110	Hospital	671233.2	4863615.9	2.22E-06	6.67E-07	1.31E-06	8.79E-04	6.31E-05	1.72E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.42E-07	
111	Comm. Resp. Services	676045.4	4863902.5	5.86E-06	1.76E-06	3.47E-06	8.83E-04	6.42E-05	4.56E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	9.04E-07	
112	Hospital	671712.7	4862364.1	2.31E-06	6.97E-07	1.37E-06	8.79E-04	6.32E-05	1.80E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.57E-07	
113	Retirement Residence A	684199.9	4864120.3	5.44E-06	1.64E-06	3.23E-06	8.83E-04	6.41E-05	4.24E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.39E-07	
114	Retirement Residence B	685483.9	4865150.9	3.77E-06	1.14E-06	2.24E-06	8.81E-04	6.36E-05	2.94E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.82E-07	
115	Retirement Residence C	686844.0	4864732.1	3.69E-06	1.11E-06	2.19E-06	8.81E-04	6.36E-05	2.88E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.70E-07	
116	Retirement Residence D	673481.7	4863343.4	2.65E-06	7.99E-07	1.57E-06	8.79E-04	6.33E-05	2.07E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.09E-07	
117	Retirement Residence E	671825.2	4864399.0	2.20E-06	6.61E-07	1.30E-06	8.79E-04	6.31E-05	1.71E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.39E-07	
118	Retirement Residence F	671606.3	4864536.0	2.16E-06	6.51E-07	1.28E-06	8.79E-04	6.31E-05	1.68E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.34E-07	
119	Retirement Residence G	671357.1	4862958.7	2.30E-06	6.93E-07	1.36E-06	8.79E-04	6.32E-05	1.79E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.55E-07	
120	Retirement Residence H	671514.0	4862262.9	2.39E-06	7.20E-07	1.42E-06	8.79E-04	6.32E-05	1.86E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.69E-07	
121	Retirement Residence I	672602.2	4863075.9	2.46E-06	7.40E-07	1.46E-06	8.79E-04	6.32E-05	1.91E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.79E-07	
122	Retirement Residence J	671719.1	4862893.1	2.34E-06	7.06E-07	1.39E-06	8.79E-04	6.32E-05	1.82E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.61E-07	
123	Retirement Residence K	686718.0	4865648.7	3.71E-06	1.12E-06	2.20E-06	8.81E-04	6.36E-05	2.89E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.73E-07	
124	Retirement Residence L	676168.7	4865669.9	4.13E-06	1.24E-06	2.44E-06	8.81E-04	6.37E-05	3.21E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.36E-07	
125	Retirement Residence M	676118.5	4863980.7	5.99E-06	1.80E-06	3.55E-06	8.83E-04	6.43E-05	4.66E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.65E-05	1.35E-04	9.23E-07	
126	Bow. Subdivision 12	684649.2	4863182.7	5.29E-06	1.59E-06	3.13E-06	8.83E-04	6.40E-05	4.12E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.15E-07	
127	Primary School B	685384.8	4863575.3	5.00E-06	1.51E-06	2.97E-06	8.82E-04	6.40E-05	3.89E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.72E-07	
128	Primary School C	685021.6	4863952.9	3.84E-06	1.16E-06	2.28E-06	8.81E-04	6.36E-05	2.99E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.93E-07	
129	Primary School D	686237.0	4864085.5	4.37E-06	1.32E-06	2.59E-06	8.81E-04	6.38E-05	3.40E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.74E-07	
130	Primary School E	686719.0	4863734.7	4.00E-06	1.20E-06	2.37E-06	8.81E-04	6.37E-05	3.11E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.17E-07	
131	Primary School F	686357.0	4864754.9	2.99E-06	9.01E-07	1.77E-06	8.80E-04	6.34E-05	2.33E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.62E-07	
132	Primary School G	685502.0	4865013.4	4.46E-06	1.34E-06	2.65E-06	8.82E-04	6.38E-05	3.47E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.88E-07	
133	Primary School H	686726.7	4866061.5	3.44E-06	1.04E-06	2.04E-06	8.80E-04	6.35E-05	2.68E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.31E-07	
134	Primary School I	685186.2	4866568.2	3.23E-06	9.71E-07	1.91E-06	8.80E-04	6.34E-05	2.51E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.97E-07	
135	Primary School J	685965.3	4866979.0	3.13E-06	9.43E-07	1.86E-06	8.80E-04	6.34E-05	2.44E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.83E-07	
136	Primary School K	677709.9	4864726.5	4.05E-06	1.22E-06	2.40E-06	8.81E-04	6.37E-05	3.15E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.24E-07	
137	Primary School L	675988.3	4864270.2	5.80E-06	1.75E-06	3.44E-06	8.83E-04	6.42E-05	4.51E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.94E-07	
138	Primary School M	676608.7	4862739.0	4.56E-06	1.37E-06	2.70E-06	8.82E-04	6.38E-05	3.55E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.03E-07	
139	Primary School N	677222.2	4863759.1	5.38E-06	1.62E-06	3.19E-06	8.83E-04	6.41E-05	4.19E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.29E-07	
140	Primary School O	678154.9	4863872.7	5.68E-06	1.71E-06	3.37E-06	8.83E-04	6.42E-05	4.42E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.76E-07	
141	Court. Subdivision 12	678309.6																								

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
		(m)	(m)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.41E-07
163	Primary School LL	673762.3	4864210.6	3.07E-06	9.23E-07	1.82E-06	8.80E-04	6.34E-05	2.39E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.73E-07	
164	Primary School MM	672238.8	4864621.3	2.10E-06	6.31E-07	1.24E-06	8.79E-04	6.31E-05	1.63E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.23E-07	
165	Primary School NN	673213.6	4858677.0	3.34E-06	1.01E-06	1.98E-06	8.80E-04	6.35E-05	2.60E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.15E-07	
166	Primary School OO	675474.8	4863221.7	4.13E-06	1.24E-06	2.45E-06	8.81E-04	6.37E-05	3.22E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.37E-07	
167	Primary School PP	672441.8	4858748.6	3.11E-06	9.35E-07	1.84E-06	8.80E-04	6.34E-05	2.42E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.79E-07	
168	Primary School QQ	672796.8	4864438.2	2.37E-06	7.15E-07	1.41E-06	8.79E-04	6.32E-05	1.85E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.66E-07	
169	Primary School RR	671351.4	4863284.0	2.32E-06	6.99E-07	1.38E-06	8.79E-04	6.32E-05	1.81E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.58E-07	
170	Primary School SS	673213.9	4862125.5	3.51E-06	1.06E-06	2.08E-06	8.80E-04	6.35E-05	2.73E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.41E-07	
171	Primary School TT	671017.9	4860953.7	2.17E-06	6.53E-07	1.29E-06	8.79E-04	6.31E-05	1.69E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.34E-07	
172	Primary School UU	670991.0	4861089.8	2.04E-06	6.13E-07	1.21E-06	8.79E-04	6.31E-05	1.58E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.14E-07	
173	Primary School VV	674150.1	4862294.8	3.66E-06	1.10E-06	2.17E-06	8.81E-04	6.36E-05	2.85E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.65E-07	
174	Primary School WW	672005.2	4861707.9	2.02E-06	6.08E-07	1.20E-06	8.79E-04	6.31E-05	1.57E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.11E-07	
175	Primary School XX	684172.1	4863615.6	7.21E-06	2.17E-06	4.27E-06	8.85E-04	6.46E-05	5.61E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.11E-06	
176	Primary School YY	683923.3	4866636.4	4.14E-06	1.25E-06	2.45E-06	8.81E-04	6.37E-05	3.22E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.38E-07	
177	Primary School ZZ	680446.0	4865770.5	4.12E-06	1.24E-06	2.44E-06	8.81E-04	6.37E-05	3.21E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.36E-07	
178	Vacant School	685612.9	4864520.0	3.87E-06	1.16E-06	2.29E-06	8.81E-04	6.36E-05	3.01E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.96E-07	
179	Secondary School A	686291.4	4865064.3	3.45E-06	1.04E-06	2.04E-06	8.80E-04	6.35E-05	2.68E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.31E-07	
180	Secondary School B	683875.0	4864741.7	6.91E-06	2.08E-06	4.09E-06	8.84E-04	6.45E-05	5.37E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.06E-06	
181	Secondary School C	684650.3	4866460.3	3.52E-06	1.06E-06	2.09E-06	8.80E-04	6.35E-05	2.74E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.43E-07	
182	Secondary School D	678099.5	4864838.2	3.91E-06	1.18E-06	2.31E-06	8.81E-04	6.36E-05	3.04E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.02E-07	
183	Secondary School E	678467.0	4863431.2	6.84E-06	2.06E-06	4.05E-06	8.84E-04	6.45E-05	5.33E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.05E-06	
184	Secondary School F	674144.9	4862762.7	2.84E-06	8.53E-07	1.68E-06	8.80E-04	6.33E-05	2.21E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.37E-07	
185	Secondary School G	673816.0	4864357.1	2.96E-06	8.91E-07	1.75E-06	8.80E-04	6.34E-05	2.30E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.56E-07	
186	Secondary School H	673145.4	4858569.0	3.30E-06	9.92E-07	1.95E-06	8.80E-04	6.35E-05	2.56E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.08E-07	
187	Secondary School I	671291.7	4863581.3	2.27E-06	6.84E-07	1.35E-06	8.79E-04	6.32E-05	1.77E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.50E-07	
188	Secondary School J	671443.2	4861664.9	1.67E-06	5.01E-07	9.87E-07	8.78E-04	6.30E-05	1.30E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.57E-07	
189	Secondary School K	673235.3	4860885.0	2.67E-06	8.03E-07	1.58E-06	8.79E-04	6.33E-05	2.08E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.11E-07	
190	Secondary School L	684252.7	4866500.5	4.22E-06	1.27E-06	2.50E-06	8.81E-04	6.37E-05	3.28E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.50E-07	
191	Secondary School M	673914.1	4859551.7	5.99E-06	1.80E-06	3.55E-06	8.83E-04	6.43E-05	4.66E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.65E-05	1.35E-04	9.23E-07	
192	Secondary School N	675051.5	4864177.2	3.20E-06	9.63E-07	1.89E-06	8.80E-04	6.34E-05	2.49E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.93E-07	
193	Adult School	685276.1	4866019.8	4.16E-06	1.25E-06	2.46E-06	8.81E-04	6.37E-05	3.23E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.41E-07	
194	Bow. Valley Cons. 1	685356.6	4864521.2	4.49E-06	1.35E-06	2.66E-06	8.82E-04	6.38E-05	3.50E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.93E-07	
19																										



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
		(m)	(m)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		3.09E-04	1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04			4.41E-07
217	Port Darlington 9	686867.4	4862119.7	4.38E-06	1.32E-06	2.59E-06	8.81E-04	6.38E-05	3.41E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.75E-07	
218	Port Darlington 10	687190.7	4862048.8	3.90E-06	1.17E-06	2.31E-06	8.81E-04	6.36E-05	3.03E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.01E-07	
219	Port Darlington 11	687524.4	4862126.8	3.89E-06	1.17E-06	2.31E-06	8.81E-04	6.36E-05	3.03E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.00E-07	
220	Campground 1	678646.3	4860337.7	1.04E-05	3.15E-06	6.19E-06	8.89E-04	6.56E-05	8.13E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.61E-06	
221	Campground 2	678410.2	4860148.6	1.06E-05	3.18E-06	6.26E-06	8.89E-04	6.56E-05	8.22E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.63E-06	
222	Campground 3	678651.0	4860054.4	8.24E-06	2.48E-06	4.88E-06	8.86E-04	6.49E-05	6.41E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.27E-06	
223	Campground 4	678725.9	4859860.7	7.99E-06	2.41E-06	4.74E-06	8.86E-04	6.48E-05	6.22E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.23E-06	
224	Campground 5	678511.1	4859808.6	6.87E-06	2.07E-06	4.07E-06	8.84E-04	6.45E-05	5.34E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.06E-06	
225	Campground 6	678869.5	4859696.0	8.21E-06	2.47E-06	4.86E-06	8.86E-04	6.49E-05	6.39E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.27E-06	
226	Campground 7	678723.9	4860201.8	1.11E-05	3.35E-06	6.60E-06	8.89E-04	6.58E-05	8.67E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.34E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.72E-06	
227	Campground 8	678796.0	4860011.4	8.34E-06	2.51E-06	4.94E-06	8.86E-04	6.50E-05	6.49E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.29E-06	
228	Campground 9	678852.7	4859854.2	9.92E-06	2.99E-06	5.88E-06	8.88E-04	6.54E-05	7.72E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.31E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.53E-06	
229	Solina 1	681099.6	4861677.2	9.70E-06	2.92E-06	5.75E-06	8.88E-04	6.54E-05	7.55E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.30E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.50E-06	
230	Solina 2	681115.7	4861857.7	1.02E-05	3.06E-06	6.02E-06	8.88E-04	6.55E-05	7.90E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.30E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.57E-06	
231	Solina 3	680987.4	4861983.5	9.83E-06	2.96E-06	5.83E-06	8.88E-04	6.54E-05	7.65E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.31E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.52E-06	
232	Solina 4	680965.0	4862068.1	9.57E-06	2.88E-06	5.67E-06	8.88E-04	6.53E-05	7.45E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.30E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.48E-06	
233	Solina 5	681021.5	4862086.7	9.72E-06	2.93E-06	5.76E-06	8.88E-04	6.54E-05	7.57E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.30E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.50E-06	
234	Solina 6	680939.8	4862124.3	9.43E-06	2.84E-06	5.59E-06	8.87E-04	6.53E-05	7.34E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.30E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.45E-06	
235	Solina 7	680988.2	4862183.6	9.33E-06	2.81E-06	5.53E-06	8.87E-04	6.52E-05	7.26E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.30E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.44E-06	
236	Solina 8	680984.6	4862209.8	9.23E-06	2.78E-06	5.47E-06	8.87E-04	6.52E-05	7.18E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.42E-06	
237	Solina 9	680958.6	4862294.9	8.84E-06	2.66E-06	5.24E-06	8.87E-04	6.51E-05	6.88E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.36E-06	
238	Solina 10	680858.0	4862324.3	9.15E-06	2.75E-06	5.42E-06	8.87E-04	6.52E-05	7.12E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.41E-06	
239	Solina 11	680990.3	4862403.5	8.41E-06	2.53E-06	4.98E-06	8.86E-04	6.50E-05	6.54E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.30E-06	
240	Recreational 1	681545.0	4860865.0	9.15E-06	2.75E-06	5.42E-06	8.87E-04	6.52E-05	7.12E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.41E-06	
241	Recreational 2	681563.7	4860687.4	1.01E-05	3.05E-06	6.01E-06	8.88E-04	6.55E-05	7.90E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.31E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.56E-06	
242	Recreational 3	681579.7	4860610.0	1.04E-05	3.14E-06	6.17E-06	8.89E-04	6.56E-05	8.11E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.61E-06	
243	Recreational 6	681876.6	4860254.4	1.37E-05	4.12E-06	8.10E-06	8.92E-04	6.65E-05	1.06E-05	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.40E-05	6.80E-05	1.36E-04	1.60E-03	1.35E-04	9.67E-05	1.35E-04	2.11E-06	
244	Recreational 7	682166.9	4860324.4	1.06E-05	3.20E-06	6.30E-06	8.89E-04	6.56E-05	8.27E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.64E-06	
245	Darlington 1	679565.4	4861052.9	1.95E-05	5.88E-06	1.16E-05	8.99E-04	6.83E-05	1.52E-05	3.11E-04	1.25E-03	1.63E-04	6.79E-05	1.42E-04	6.78E-05	1.39E-04	1.38E-04	7.54E-05	6.81E-05	1.36E-04	1.70E-03	1.35E-04	9.68E-05	1.35E-04	3.01E-06	
246	Darlington 2	679452.9	4861051.4	1.75E-05	5.26E-06	1.04E-05	8.97E-04	6.77E-05	1.36E-05	3.11E-04	1.25E-03	1.63E-04	6.79E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.49E-05	6.81E-05	1.36E-04	1.66E-03	1.35E-04	9.68E-05	1.35E-04	2.70E-06	
247	Darlington 3	679130.5	4860948.8	1.32E-05	3.97E-06	7.81E-06	8.92E-04	6.64E-05	1.03E-05	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.39E-05	6.80E-05	1.36E-04	1.59E-03	1.35E-04	9.67E-05	1.35E-04	2.03E-06	
248	Darlington 4	679112.6	4860941.9	1.33E-05	4.01E-06	7.89E-06	8.92E-04	6.64E-05	1.04E-05	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.39E-05	6.80E-05	1.36E-04	1.59E-03	1.35E-04	9.67E-05	1.35E-04	2.05E-0	



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
		(m)	(m)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	1.35E-04	3.13E-06
271	Future Industrial 5	679898.8	4860067.4	8.37E-06	2.52E-06	4.96E-06	8.86E-04	6.50E-05	6.52E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.29E-06	
272	Future Industrial 6	680134.8	4860694.1	1.28E-05	3.87E-06	7.61E-06	8.91E-04	6.63E-05	1.00E-05	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.38E-05	6.80E-05	1.36E-04	1.58E-03	1.35E-04	9.67E-05	1.35E-04	1.98E-06	
273	Future Industrial 11	680253.7	4860255.2	1.08E-05	3.27E-06	6.43E-06	8.89E-04	6.57E-05	8.44E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.67E-06	
274	Future Industrial 12	679901.2	4860511.8	9.80E-06	2.95E-06	5.81E-06	8.88E-04	6.54E-05	7.63E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.31E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.51E-06	
275	Commercial Farmer	679867.8	4860445.4	1.02E-05	3.06E-06	6.02E-06	8.88E-04	6.55E-05	7.90E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.57E-06	
276	Farmer	679277.0	4859981.5	7.10E-06	2.14E-06	4.21E-06	8.85E-04	6.46E-05	5.53E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.10E-06	
277	Residence	679387.2	4860648.9	1.15E-05	3.48E-06	6.84E-06	8.90E-04	6.59E-05	8.98E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.35E-05	6.80E-05	1.36E-04	1.56E-03	1.35E-04	9.67E-05	1.35E-04	1.78E-06	
278	Barn	679261.9	4860574.2	1.09E-05	3.28E-06	6.45E-06	8.89E-04	6.57E-05	8.47E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.68E-06	
279	Residence	680150.7	4861295.7	1.18E-05	3.56E-06	7.00E-06	8.90E-04	6.60E-05	9.19E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.35E-05	6.80E-05	1.36E-04	1.57E-03	1.35E-04	9.67E-05	1.35E-04	1.82E-06	
280	Residence	679939.8	4861213.4	1.41E-05	4.24E-06	8.35E-06	8.93E-04	6.67E-05	1.10E-05	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.41E-05	6.80E-05	1.36E-04	1.61E-03	1.35E-04	9.67E-05	1.35E-04	2.17E-06	
281	Farmer	680855.7	4861456.9	1.09E-05	3.29E-06	6.47E-06	8.89E-04	6.57E-05	8.50E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.68E-06	
282	Farmer	681386.2	4861673.3	1.09E-05	3.29E-06	6.47E-06	8.89E-04	6.57E-05	8.50E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.68E-06	
283	Residence	680683.5	4861597.9	1.19E-05	3.58E-06	7.06E-06	8.90E-04	6.60E-05	9.27E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.36E-05	6.80E-05	1.36E-04	1.57E-03	1.35E-04	9.67E-05	1.35E-04	1.84E-06	
284	Business	680064.3	4861343.7	1.22E-05	3.69E-06	7.26E-06	8.91E-04	6.61E-05	9.53E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.36E-05	6.80E-05	1.36E-04	1.57E-03	1.35E-04	9.67E-05	1.35E-04	1.89E-06	
285	Farmer	679680.1	4861213.5	1.56E-05	4.70E-06	9.25E-06	8.95E-04	6.71E-05	1.21E-05	3.10E-04	1.25E-03	1.63E-04	6.79E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.44E-05	6.80E-05	1.36E-04	1.63E-03	1.35E-04	9.68E-05	1.35E-04	2.41E-06	
286	Farmer	681344.8	4861792.9	9.23E-06	2.78E-06	5.47E-06	8.87E-04	6.52E-05	7.19E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.42E-06	
287	Youth Centre	685644.2	4864814.8	4.85E-06	1.46E-06	2.88E-06	8.82E-04	6.39E-05	3.78E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.49E-07	
288	Bowmanville Arena	685462.9	4864615.2	4.79E-06	1.44E-06	2.84E-06	8.82E-04	6.39E-05	3.73E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.38E-07	
289	Bowmanville Rec Complex	684160.3	4864604.5	5.80E-06	1.74E-06	3.43E-06	8.83E-04	6.42E-05	4.51E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.94E-07	
290	Recreation Complex	684586.6	4862406.3	5.26E-06	1.58E-06	3.12E-06	8.82E-04	6.40E-05	4.09E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.11E-07	
291	Superdog Central	681487.7	4865723.3	4.11E-06	1.24E-06	2.44E-06	8.81E-04	6.37E-05	3.20E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.34E-07	
292	Equestrian Centre	681567.1	4863670.7	7.76E-06	2.34E-06	4.60E-06	8.85E-04	6.48E-05	6.04E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.20E-06	
293	Flea Market	678574.6	4862819.4	7.71E-06	2.32E-06	4.57E-06	8.85E-04	6.48E-05	6.00E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.19E-06	
294	Equestrian Centre	680030.8	4867320.2	2.70E-06	8.13E-07	1.60E-06	8.79E-04	6.33E-05	2.10E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.17E-07	
295	Courtice Community Comp	678099.3	4864629.8	3.91E-06	1.18E-06	2.32E-06	8.81E-04	6.36E-05	3.04E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.03E-07	
296	Former Restaurant	679830.2	4860702.2	9.39E-06	2.83E-06	5.56E-06	8.87E-04	6.53E-05	7.31E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.30E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.45E-06	
297	Commercial	679364.8	4861016.0	1.41E-05	4.24E-06	8.35E-06	8.93E-04	6.67E-05	1.10E-05	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.41E-05	6.80E-05	1.36E-04	1.61E-03	1.35E-04	9.67E-05	1.35E-04	2.17E-06	
298	GM Oshawa Headquarters	676418.3	4860463.7	7.30E-06	2.20E-06	4.32E-06	8.85E-04	6.46E-05	5.68E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.12E-06	
299	Farm A?	682972.3	4862201.9	6.75E-06	2.03E-06	4.00E-06	8.84E-04	6.45E-05	5.25E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.04E-06	
300	Farm B?	683546.9	4861959.7	7.20E-06	2.17E-06	4.27E-06	8.85E-04	6.46E-05	5.60E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.11E-06	
301	Farm C?	682547.5	4862321.1	8.93E-06	2.69E-06	5.29E-06	8.87E-04	6.51E-05	6.95E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.38E-06	
302	Farm D?	683238.3	4862393.3	6.03E-06	1.82E-06	3.57E-06	8.83E-04	6.43E-05	4.69E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.30E-07	
303	Farm E?	682512.6																								

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
		(m)	(m)	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.41E-07
325	Bowmanville 5	682452.2	4869417.5	2.21E-06	6.65E-07	1.31E-06	8.79E-04	6.31E-05	1.72E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.41E-07	
326	Bowmanville 6	684778.5	4864888.2	3.72E-06	1.12E-06	2.20E-06	8.81E-04	6.36E-05	2.89E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.73E-07	
327	Bowmanville 7	684549.5	4866404.4	3.83E-06	1.15E-06	2.27E-06	8.81E-04	6.36E-05	2.98E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.91E-07	
328	Upper Tooley 1	679944.8	4864883.1	5.47E-06	1.65E-06	3.24E-06	8.83E-04	6.41E-05	4.26E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.44E-07	
329	Upper Tooley 2	679055.1	4863885.8	4.87E-06	1.47E-06	2.89E-06	8.82E-04	6.39E-05	3.79E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.51E-07	
330	Upper Tooley 3	679714.0	4862767.4	8.39E-06	2.52E-06	4.97E-06	8.86E-04	6.50E-05	6.53E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.29E-06	
331	Upper Tooley 4	678898.8	4861800.6	1.30E-05	3.91E-06	7.69E-06	8.92E-04	6.63E-05	1.01E-05	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.38E-05	6.80E-05	1.36E-04	1.59E-03	1.35E-04	9.67E-05	1.35E-04	2.00E-06	
332	Upper Tooley 5	680353.5	4862156.5	1.08E-05	3.25E-06	6.39E-06	8.89E-04	6.57E-05	8.39E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.66E-06	
333	Upper Tooley 6	679818.1	4861625.7	1.10E-05	3.30E-06	6.49E-06	8.89E-04	6.57E-05	8.53E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.69E-06	
334	Robinson 1	678434.8	4860943.1	1.02E-05	3.07E-06	6.05E-06	8.88E-04	6.55E-05	7.95E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.57E-06	
335	Robinson 2	677752.6	4861240.6	8.59E-06	2.59E-06	5.09E-06	8.86E-04	6.50E-05	6.69E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.32E-06	
336	Robinson 3	677642.2	4861787.2	8.08E-06	2.43E-06	4.79E-06	8.86E-04	6.49E-05	6.29E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.25E-06	
337	Robinson 4	678532.7	4862143.6	1.11E-05	3.33E-06	6.56E-06	8.89E-04	6.58E-05	8.62E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.34E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.71E-06	
338	Robinson 5	678005.1	4862784.9	7.25E-06	2.18E-06	4.30E-06	8.85E-04	6.46E-05	5.64E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.12E-06	
339	Robinson 6	677882.7	4860587.7	8.29E-06	2.49E-06	4.91E-06	8.86E-04	6.49E-05	6.45E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.28E-06	
340	F/B 1	677443.1	4867862.1	3.03E-06	9.11E-07	1.79E-06	8.80E-04	6.34E-05	2.36E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.67E-07	
341	F/B 2	679667.4	4866611.4	3.65E-06	1.10E-06	2.16E-06	8.81E-04	6.36E-05	2.84E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.62E-07	
342	F/B 3	678655.0	4867470.1	4.45E-06	1.34E-06	2.64E-06	8.82E-04	6.38E-05	3.47E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.86E-07	
343	F/B 4	676191.2	4866844.7	3.02E-06	9.10E-07	1.79E-06	8.80E-04	6.34E-05	2.35E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.66E-07	
344	F/B 5	678273.3	4866093.0	3.69E-06	1.11E-06	2.19E-06	8.81E-04	6.36E-05	2.87E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.69E-07	
345	F/B 6	681241.2	4867098.8	3.03E-06	9.12E-07	1.79E-06	8.80E-04	6.34E-05	2.36E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.67E-07	
346	F/B 7	682165.3	4868082.3	2.83E-06	8.52E-07	1.68E-06	8.80E-04	6.33E-05	2.20E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.37E-07	
347	F/B 8	679366.6	4868628.3	2.53E-06	7.62E-07	1.50E-06	8.79E-04	6.32E-05	1.97E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.90E-07	
348	F/B 9	680310.1	4869967.1	1.96E-06	5.91E-07	1.16E-06	8.79E-04	6.31E-05	1.53E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.02E-07	
349	F/B 10	676487.3	4869291.6	4.14E-06	1.25E-06	2.45E-06	8.81E-04	6.37E-05	3.22E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.38E-07	
350	F/B 11	676851.4	4865409.3	4.05E-06	1.22E-06	2.40E-06	8.81E-04	6.37E-05	3.15E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.24E-07	
351	F/B 12	681153.3	4868682.2	2.45E-06	7.38E-07	1.45E-06	8.79E-04	6.32E-05	1.91E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.78E-07	
352	F/B 13	675416.3	4859833.9	5.98E-06	1.80E-06	3.55E-06	8.83E-04	6.43E-05	4.66E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.65E-05	1.35E-04	9.22E-07	
353	Second 1	675153.4	4860552.8	5.08E-06	1.53E-06	3.01E-06	8.82E-04	6.40E-05	3.96E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.84E-07	
354	Second 2	675297.5	4860891.3	5.15E-06	1.55E-06	3.05E-06	8.82E-04	6.40E-05	4.01E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.94E-07	
355	Second 3	675647.2	4860644.9	5.56E-06	1.67E-06	3.29E-06	8.83E-04	6.41E-05	4.33E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.57E-07	
356	Second 4	675670.5	4860076.5	5.70E-06	1.71E-06	3.38E-06	8.83E-04	6.42E-05	4.43E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.78E-07	

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene
		(m)	(m)																							
				2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05		1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07		3.13E-06
							8.76E-04	6.25E-05			3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	1.35E-04	
379	Darlington 5	683223.2	4861114.0	9.19E-06	2.77E-06	5.45E-06	8.87E-04	6.52E-05	7.15E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.42E-06
380	Darlington 6	683947.7	4862362.0	6.61E-06	1.99E-06	3.92E-06	8.84E-04	6.44E-05	5.14E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.02E-06
381	Darlington 7	685361.9	4861143.4	6.39E-06	1.92E-06	3.79E-06	8.84E-04	6.44E-05	4.97E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.86E-07
382	Bennett ECO/HH	688606.4	4862634.8	3.28E-06	9.86E-07	1.94E-06	8.80E-04	6.35E-05	2.55E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.05E-07
383	Oshawa ECO/HH	673884.9	4859128.9	5.79E-06	1.74E-06	3.43E-06	8.83E-04	6.42E-05	4.50E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.92E-07
384	Oshawa Creek 1	671671.2	4862793.7	2.39E-06	7.20E-07	1.42E-06	8.79E-04	6.32E-05	1.86E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.69E-07
385	Oshawa Creek 2	671668.5	4861589.5	1.72E-06	5.19E-07	1.02E-06	8.78E-04	6.30E-05	1.34E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.66E-07
386	Oshawa Creek 3	672820.2	4861287.2	2.03E-06	6.12E-07	1.21E-06	8.79E-04	6.31E-05	1.58E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.14E-07
387	Oshawa Creek 4	672360.3	4860262.6	2.49E-06	7.51E-07	1.48E-06	8.79E-04	6.32E-05	1.94E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.85E-07
388	Oshawa Creek 5	673921.2	4860115.0	3.47E-06	1.05E-06	2.06E-06	8.80E-04	6.35E-05	2.70E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.36E-07
389	Oshawa Creek 6	673154.0	4859421.9	5.95E-06	1.79E-06	3.52E-06	8.83E-04	6.42E-05	4.63E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.65E-05	1.35E-04	9.17E-07
390	Farmer	677409.8	4861051.4	1.23E-05	3.69E-06	7.26E-06	8.91E-04	6.61E-05	9.54E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.37E-05	6.80E-05	1.36E-04	1.57E-03	1.35E-04	9.67E-05	1.35E-04	1.89E-06
391	Commercial Market	688276.3	4864698.5	4.01E-06	1.21E-06	2.37E-06	8.81E-04	6.37E-05	3.12E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.18E-07

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl
		(m)	(m)	1.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	4.87E-06	3.66E-06	8.82E-07	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00
1	Campground 10	678526.8	4859996.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.29E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04
2	ECO 2	675490.4	4860360.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.39E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04
3	Recreational 5	681642.0	4860349.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.02E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.68E-04	0.00E+00	1.41E-04	1.35E-04
4	ECO 4	676831.5	4859840.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.87E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04
5	Bow. Valley Cons. 3	685767.2	4863879.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.19E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04
6	ECO 6	679647.8	4859989.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.27E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04
7	ECO 7	681578.8	4862070.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.77E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.64E-04	0.00E+00	1.40E-04	1.35E-04
8	ECO 8	679735.5	4861048.6	6.79E-05	2.71E-04	5.42E-04	1.35E-04	6.06E-04	3.42E-06	6.86E-05	1.35E-04	2.71E-03	1.31E-03	2.25E-03	1.35E-04	0.00E+00	2.47E-03	1.36E-04	2.58E-03	0.00E+00	2.88E-04	5.42E-04	1.90E-04	0.00E+00	1.44E-04	1.35E-04
9	ECO 9	687219.7	4864249.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.35E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
10	ECO 10	686519.0	4861987.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.92E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04
11	ECO 11	679870.4	4859737.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.55E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04	0.00E+00	1.40E-04	1.35E-04
12	Recreational 4	681575.5	4860557.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.68E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04
13	Future Industrial 9	680704.5	4859857.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.81E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.64E-04	0.00E+00	1.40E-04	1.35E-04
14	Future Industrial 10	680608.0	4860719.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.05E-04	2.92E-06	6.84E-05	1.35E-04	2.71E-03	1.31E-03	2.24E-03	1.35E-04	0.00E+00	2.47E-03	1.36E-04	2.58E-03	0.00E+00	2.87E-04	5.42E-04	1.82E-04	0.00E+00	1.43E-04	1.35E-04
15	Harmony Creek	673992.4	4865641.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.09E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04
16	Farewell Creek	678079.2	4868822.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.85E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04
17	Farmer	681378.6	4860335.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.13E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.69E-04	0.00E+00	1.41E-04	1.35E-04
18	Watson Farm	682883.4	4864219.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.69E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04
19	Racanski Farm	678929.2	4865530.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.10E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04
20	Zoo	687216.8	4864835.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.39E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04
21	Cedar Crest Beach	686652.1	4861660.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.26E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04
22	Darlington Prov Park Beach	677844.6	4859718.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.36E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.57E-04	0.00E+00	1.39E-04	1.35E-04
23	OPG 1	682258.1	4860045.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.23E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.71E-04	0.00E+00	1.41E-04	1.35E-04
24	OPG 2	682551.4	4859889.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.55E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04	0.00E+00	1.39E-04	1.35E-04
25	OPG 3	682824.6	4859759.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.44E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04
26	OPG 4	683021.6	4859937.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.59E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04
27	OPG 5	683318.2	4859677.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.11E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04
28	OPG 6	683306.9	4860023.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.47E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04
29	OPG 7	683718.6	4859915.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.11E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04
30	OPG 8	682702.0	4859998.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.90E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.66E-04	0.00E+00	1.40E-04	1.35E-04
31	OPG 9	684347.7	4861184.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.18E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.39E-04	1.35E-04
32	OPG 10	682157.2	4861228.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.80E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.64E-04	0.00E+00	1.40E-04	1.35E-04
33	St. Mary's 1	684557.0	4861070.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.48E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04
34	St. Mary's 2	684657.3	4861320.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.03E-06	6.80E-05	1.35E-04															



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl
		(m)	(m)	1.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	4.87E-06	3.66E-06	8.82E-07	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00
55	Bow. Subdivision 10	685266.0	4863243.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.46E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04
56	Osh/Court Subdivision 1	677396.8	4860977.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.04E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.68E-04	0.00E+00	1.41E-04	1.35E-04
57	Osh/Court Subdivision 2	676633.5	4860816.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.23E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04
58	Osh/Court Subdivision 3	676916.0	4861925.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.09E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04
59	Osh/Court Subdivision 4	676730.5	4861317.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.86E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04
60	Osh/Court Subdivision 5	676087.2	4861392.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.23E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04
61	Osh/Court Subdivision 6	676177.1	4861722.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.10E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04
62	Osh/Court Subdivision 7	675670.7	4861783.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.52E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04
63	Osh/Court Subdivision 8	676050.8	4862055.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.41E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04
64	Osh/Court Subdivision 9	676636.9	4862134.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.57E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04
65	Osh/Court Subdivision 10	676571.3	4861634.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	1.02E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04
66	Bow. Subdivision 11	684649.2	4863182.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.52E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04
67	Daycare B	685172.4	4863933.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.03E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
68	Daycare C	685452.0	4863104.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.04E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04
69	Daycare D	685527.7	4864693.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.79E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04
70	Daycare E	685735.4	4864790.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.24E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04
71	Daycare F	685520.3	4864854.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.87E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04
72	Daycare G	685441.9	4864878.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.57E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04
73	Daycare H	686364.8	4864707.8	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.69E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04
74	Daycare I	685721.6	4865127.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.09E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04
75	Daycare J	678256.3	4863565.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.15E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.38E-04	1.35E-04
76	Daycare K	677694.1	4864043.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.79E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04
77	Daycare L	676479.5	4862526.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.09E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04
78	Daycare M	678320.9	4864763.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.53E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
79	Daycare N	678513.4	4865058.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.31E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04
80	Daycare O	672788.7	4863936.6	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.15E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04
81	Daycare P	673952.8	4863592.5	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.12E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04
82	Daycare Q	671751.8	4864887.7	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.50E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04
83	Daycare R	685714.4	4864667.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.79E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04
84	Daycare S	684177.9	4863618.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.28E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04
85	Daycare T	678423.6	4864480.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.87E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04
86	Daycare U	685330.5	4863435.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.82E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04
87	Daycare V	685153.2	4863236.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.83E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04
88	Daycare W	672679.0	4862044.9	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.80E-07																	

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	
		(m)	(m)	1.42E-07	2.71E-04	5.42E-04	1.35E-04	6.01E-04	3.66E-06	8.82E-07				1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06				5.83E-05	
109	Hospital (Children's)	676057.8	4862180.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.54E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	
110	Hospital	671233.2	4863615.9	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.99E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	
111	Comm. Resp. Services	676045.4	4863902.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.06E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04	
112	Hospital	671712.7	4862364.1	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.17E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	
113	Retirement Residence A	684199.9	4864120.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.80E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	
114	Retirement Residence B	685483.9	4865150.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.79E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	
115	Retirement Residence C	686844.0	4864732.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.65E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	
116	Retirement Residence D	673481.7	4863343.4	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.78E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	
117	Retirement Residence E	671825.2	4864399.0	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.95E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	
118	Retirement Residence F	671606.3	4864536.0	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.90E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	
119	Retirement Residence G	671357.1	4862958.7	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.14E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	
120	Retirement Residence H	671514.0	4862262.9	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.31E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	
121	Retirement Residence I	672602.2	4863075.9	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.43E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	
122	Retirement Residence J	671719.1	4862893.1	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.22E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	
123	Retirement Residence K	686718.0	4865648.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.69E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	
124	Retirement Residence L	676168.7	4865669.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.43E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	
125	Retirement Residence M	676118.5	4863980.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.08E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	
126	Bow. Subdivision 12	684649.2	4863182.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.52E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	
127	Primary School B	685384.8	4863575.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.01E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	
128	Primary School C	685021.6	4863952.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.92E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	
129	Primary School D	686237.0	4864085.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.87E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	
130	Primary School E	686719.0	4863734.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.20E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	
131	Primary School F	686357.0	4864754.9	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.39E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	
132	Primary School G	685502.0	4865013.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.04E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	
133	Primary School H	686726.7	4866061.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.20E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	
134	Primary School I	685186.2	4866568.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.81E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	
135	Primary School J	685965.3	4866979.0	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.64E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	
136	Primary School K	677709.9	4864726.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.29E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	
137	Primary School L	675988.3	4864270.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.04E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04	
138	Primary School M	676608.7	4862739.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.21E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	
139	Primary School N	677222.2	4863759.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.69E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl
		(m)	(m)	1.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	3.66E-06	8.82E-07	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04
163	Primary School LL	673762.3	4864210.6	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.52E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04
164	Primary School MM	672238.8	4864621.3	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.77E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04
165	Primary School NN	673213.6	4858677.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.01E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04
166	Primary School OO	675474.8	4863221.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.44E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
167	Primary School PP	672441.8	4858748.6	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.59E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04
168	Primary School QQ	672796.8	4864438.2	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.28E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04
169	Primary School RR	671351.4	4863284.0	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.18E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04
170	Primary School SS	673213.9	4862125.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.32E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04
171	Primary School TT	671017.9	4860953.7	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.91E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04
172	Primary School UU	670991.0	4861089.8	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.67E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04
173	Primary School VV	674150.1	4862294.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.59E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04
174	Primary School WW	672005.2	4861707.9	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.64E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04
175	Primary School XX	684172.1	4863615.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.30E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04
176	Primary School YY	683923.3	4866636.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.45E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
177	Primary School ZZ	680446.0	4865770.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.42E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
178	Vacant School	685612.9	4864520.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.96E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
179	Secondary School A	686291.4	4865064.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.21E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04
180	Secondary School B	683875.0	4864741.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.24E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04
181	Secondary School C	684650.3	4866460.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.35E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04
182	Secondary School D	678099.5	4864838.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.03E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
183	Secondary School E	678467.0	4863431.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.23E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04
184	Secondary School F	674144.9	4862762.7	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.11E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04
185	Secondary School G	673816.0	4864357.1	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.33E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04
186	Secondary School H	673145.4	4858569.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.93E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04
187	Secondary School I	671291.7	4863581.3	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.09E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04
188	Secondary School J	671443.2	4861664.9	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.00E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04
189	Secondary School K	673235.3	4860885.0	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.80E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04
190	Secondary School L	684252.7	4866500.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.60E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04
191	Secondary School M	673914.1	4859551.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.08E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04
192	Secondary School N	675051.5	4864177.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.76E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04
193	Adult School	685276.1	4866019.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.48E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E			



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl
		(m)	(m)	1.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	3.66E-06	8.82E-07	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04
217	Port Darlington 9	686867.4	4862119.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.88E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04
218	Port Darlington 10	687190.7	4862048.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.01E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
219	Port Darlington 11	687524.4	4862126.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.01E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
220	Campground 1	678646.3	4860337.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.88E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04
221	Campground 2	678410.2	4860148.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.90E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.66E-04	0.00E+00	1.40E-04	1.35E-04
222	Campground 3	678651.0	4860054.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.48E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04
223	Campground 4	678725.9	4859860.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.44E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04
224	Campground 5	678511.1	4859808.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.24E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04
225	Campground 6	678869.5	4859696.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.48E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04
226	Campground 7	678723.9	4860201.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.01E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04
227	Campground 8	678796.0	4860011.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.50E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04
228	Campground 9	678852.7	4859854.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.79E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.64E-04	0.00E+00	1.40E-04	1.35E-04
229	Solina 1	681099.6	4861677.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.75E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.63E-04	0.00E+00	1.40E-04	1.35E-04
230	Solina 2	681115.7	4861857.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.83E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04
231	Solina 3	680987.4	4861983.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.77E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.64E-04	0.00E+00	1.40E-04	1.35E-04
232	Solina 4	680965.0	4862068.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.72E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.63E-04	0.00E+00	1.40E-04	1.35E-04
233	Solina 5	681021.5	4862086.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.75E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.63E-04	0.00E+00	1.40E-04	1.35E-04
234	Solina 6	680939.8	4862124.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.70E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.63E-04	0.00E+00	1.40E-04	1.35E-04
235	Solina 7	680988.2	4862183.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.68E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04
236	Solina 8	680984.6	4862209.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.66E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04
237	Solina 9	680958.6	4862294.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.59E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04
238	Solina 10	680858.0	4862324.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.65E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04
239	Solina 11	680990.3	4862403.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.51E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04	0.00E+00	1.39E-04	1.35E-04
240	Recreational 1	681545.0	4860865.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.65E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04
241	Recreational 2	681563.7	4860687.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.83E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04
242	Recreational 3	681579.7	4860610.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.88E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04
243	Recreational 6	681876.6	4860254.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.46E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.75E-04	0.00E+00	1.42E-04	1.35E-04
244	Recreational 7	682166.9	4860324.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.91E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.66E-04	0.00E+00	1.40E-04	1.35E-04
245	Darlington 1	679565.4	4861052.9	6.79E-05	2.71E-04	5.42E-04	1.35E-04	6.06E-04	3.52E-06	6.86E-05	1.35E-04	2.71E-03	1.31E-03	2.25E-03	1.35E-04	0.00E+00	2.48E-03	1.36E-04	2.58E-03	0.00E+00	2.88E-04	5.42E-04	1.92E-04	0.00E+00	1.45E-04	1.35E-04
246	Darlington 2	679452.9	4861051.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.05E-04	3.15E-06	6.85E-05	1.35E-04	2.71E-03	1.31E-03	2.24E-03	1.35E-04	0.00E+00	2.47E-03	1.36E-04	2.58E-03	0.00E+00	2.88E-04	5.42E-04	1.86E-04	0.00E+00	1.44E-04	1.35E-04
247	Darlington 3	679130.5	4860948.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.37E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.73E-04	0.00E+00	1.42E-04	1.35E-04
248	Darlington 4	679112.6	4860941.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.40E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.74E-04	0.00E+00	1.42E-04	1.35E-04
249	Darlington 5	679057.6	4860994.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.32E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.72E-04	0.00E+00	1.42E-04	1.35E-04
250	Darlington 6	679075.2	4860931.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.41E																	



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl
		(m)	(m)	1.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	3.66E-06	8.82E-07	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.35E-04	0.00E+00	1.35E-04
271	Future Industrial 5	679898.8	4860067.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.51E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04
272	Future Industrial 6	680134.8	4860694.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.31E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.72E-04	0.00E+00	1.42E-04	1.35E-04
273	Future Industrial 11	680253.7	4860255.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.95E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04
274	Future Industrial 12	679901.2	4860511.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.76E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.64E-04	0.00E+00	1.40E-04	1.35E-04
275	Commercial Farmer	679867.8	4860445.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.83E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04
276	Farmer	679277.0	4859981.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.28E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04
277	Residence	679387.2	4860648.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.08E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.69E-04	0.00E+00	1.41E-04	1.35E-04
278	Barn	679261.9	4860574.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.96E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04
279	Residence	680150.7	4861295.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.13E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.69E-04	0.00E+00	1.41E-04	1.35E-04
280	Residence	679939.8	4861213.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.05E-04	2.54E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.87E-04	5.42E-04	1.76E-04	0.00E+00	1.42E-04	1.35E-04
281	Farmer	680855.7	4861456.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.97E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04
282	Farmer	681386.2	4861673.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.97E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04
283	Residence	680683.5	4861597.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.14E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.70E-04	0.00E+00	1.41E-04	1.35E-04
284	Business	680064.3	4861343.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.20E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.71E-04	0.00E+00	1.41E-04	1.35E-04
285	Farmer	679680.1	4861213.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.05E-04	2.81E-06	6.84E-05	1.35E-04	2.71E-03	1.31E-03	2.24E-03	1.35E-04	0.00E+00	2.47E-03	1.36E-04	2.58E-03	0.00E+00	2.87E-04	5.42E-04	1.80E-04	0.00E+00	1.43E-04	1.35E-04
286	Farmer	681344.8	4861792.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.66E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04
287	Youth Centre	685644.2	4864814.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.74E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04
288	Bowmanville Arena	685462.9	4864615.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.62E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04
289	Bowmanville Rec Complex	684160.3	4864604.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.04E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04
290	Recreation Complex	684586.6	4862406.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.47E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04
291	Superdog Central	681487.7	4865723.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.41E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
292	Equestrian Centre	681567.1	4863670.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.40E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04
293	Flea Market	678574.6	4862819.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.39E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04
294	Equestrian Centre	680030.8	4867320.2	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.86E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04
295	Courtice Community Comp	678099.3	4864629.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.04E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
296	Former Restaurant	679830.2	4860702.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.69E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04
297	Commercial	679364.8	4861016.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.05E-04	2.54E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.87E-04	5.42E-04	1.76E-04	0.00E+00	1.42E-04	1.35E-04
298	GM Oshawa Headquarters	676418.3	4860463.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.31E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04
299	Farm A?	682972.3	4862201.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.21E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04
300	Farm B?	683546.9	4861959.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.30E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04
301	Farm C?	682547.5	4862321.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.61E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04
302	Farm D?	683238.3	4862393.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.09E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04
303	Farm E?	682512.6	4862858.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.76E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.63E-04	0.00E+00	1.40E-04	1.35E-04
304	Farm F?	683129.1	4863649.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.33E-06	6.80E-05	1.35E-04															

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylnaphthalene	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl
		(m)	(m)	1.42E-07	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04	3.66E-06	8.82E-07	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04
325	Bowmanville 5	682452.2	4869417.5	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.98E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04
326	Bowmanville 6	684778.5	4864888.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.69E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04
327	Bowmanville 7	684549.5	4866404.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.90E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04
328	Upper Tooley 1	679944.8	4864883.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.85E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04
329	Upper Tooley 2	679055.1	4863885.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.77E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04
330	Upper Tooley 3	679714.0	4862767.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.51E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04	0.00E+00	1.39E-04	1.35E-04
331	Upper Tooley 4	678898.8	4861800.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.34E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.73E-04	0.00E+00	1.42E-04	1.35E-04
332	Upper Tooley 5	680353.5	4862156.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.94E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.66E-04	0.00E+00	1.41E-04	1.35E-04
333	Upper Tooley 6	679818.1	4861625.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.97E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04
334	Robinson 1	678434.8	4860943.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.84E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04
335	Robinson 2	677752.6	4861240.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.55E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04	0.00E+00	1.39E-04	1.35E-04
336	Robinson 3	677642.2	4861787.2	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.45E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04
337	Robinson 4	678532.7	4862143.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	1.99E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04
338	Robinson 5	678005.1	4862784.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.31E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04
339	Robinson 6	677882.7	4860587.7	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.49E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04
340	F/B 1	677443.1	4867862.1	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.45E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04
341	F/B 2	679667.4	4866611.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.56E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04
342	F/B 3	678655.0	4867470.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	8.02E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04
343	F/B 4	676191.2	4866844.7	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.44E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04
344	F/B 5	678273.3	4866093.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.65E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04
345	F/B 6	681241.2	4867098.8	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.45E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04
346	F/B 7	682165.3	4868082.3	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.10E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04
347	F/B 8	679366.6	4868628.3	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.56E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04
348	F/B 9	680310.1	4869967.1	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.53E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04
349	F/B 10	676487.3	4869291.6	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.46E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
350	F/B 11	676851.4	4865409.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.29E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04
351	F/B 12	681153.3	4868682.2	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.41E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04
352	F/B 13	675416.3	4859833.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.08E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04
353	Second 1	675153.4	4860552.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.15E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04
354	Second 2	675297.5	4860891.3	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	9.27E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04
355	Second 3	675647.2	4860644.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	1.00E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04
356	Second 4	675670.5	4860076.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	1.03E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04
357	Second 5	676043.3	4860319.1	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.06E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04
358	Second 6	675923.4	4859821.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.56E-06																	

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10 – dimethylanthracene	7,12 – dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylanthracene	1 – methylanthracene	2 – methylanthracene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl
		(m)	(m)																							
				1.42E-07				4.87E-06	3.66E-06	8.82E-07							4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05		9.57E-06	
				6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.01E-04		6.77E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04		2.43E-03	1.35E-04	2.57E-03		2.83E-04	5.42E-04	1.35E-04		1.35E-04	1.35E-04
379	Darlington 5	683223.2	4861114.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.66E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04
380	Darlington 6	683947.7	4862362.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.19E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.39E-04	1.35E-04
381	Darlington 7	685361.9	4861143.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.15E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.38E-04	1.35E-04
382	Bennett ECO/HH	688606.4	4862634.8	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	5.90E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04
383	Oshawa ECO/HH	673884.9	4859128.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.04E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04
384	Oshawa Creek 1	671671.2	4862793.7	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.31E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04
385	Oshawa Creek 2	671668.5	4861589.5	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.10E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04
386	Oshawa Creek 3	672820.2	4861287.2	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	3.66E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04
387	Oshawa Creek 4	672360.3	4860262.6	6.77E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	4.49E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04
388	Oshawa Creek 5	673921.2	4860115.0	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	6.25E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04
389	Oshawa Creek 6	673154.0	4859421.9	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.03E-04	1.07E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04
390	Farmer	677409.8	4861051.4	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.04E-04	2.21E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.71E-04	0.00E+00	1.41E-04	1.35E-04
391	Commercial Market	688276.3	4864698.5	6.78E-05	2.71E-04	5.42E-04	1.35E-04	6.02E-04	7.22E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane
		(m)	(m)			6.22E-08			3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05				0.01			6.61E-05
				1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27
1	Campground 10	678526.8	4859996.8	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
2	ECO 2	675490.4	4860360.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
3	Recreational 5	681642.0	4860349.3	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
4	ECO 4	676831.5	4859840.9	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
5	Bow. Valley Cons. 3	685767.2	4863879.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
6	ECO 6	679647.8	4859989.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
7	ECO 7	681578.8	4862070.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
8	ECO 8	679735.5	4861048.6	1.35E-04		1.76	4.69	0.08	11.84	0.04	0.04	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.56E-03	1.28
9	ECO 9	687219.7	4864249.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
10	ECO 10	686519.0	4861987.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
11	ECO 11	679870.4	4859737.9	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
12	Recreational 4	681575.5	4860557.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
13	Future Industrial 9	680704.5	4859857.8	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
14	Future Industrial 10	680608.0	4860719.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.55E-03	1.28
15	Harmony Creek	673992.4	4865641.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
16	Farewell Creek	678079.2	4868822.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
17	Farmer	681378.6	4860335.0	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
18	Watson Farm	682883.4	4864219.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
19	Racanski Farm	678929.2	4865530.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
20	Zoo	687216.8	4864835.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
21	Cedar Crest Beach	686652.1	4861660.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
22	Darlington Prov Park Beach	677844.6	4859718.2	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
23	OPG 1	682258.1	4860045.0	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
24	OPG 2	682551.4	4859889.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
25	OPG 3	682824.6	4859759.3	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
26	OPG 4	683021.6	4859937.3	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
27	OPG 5	683318.2	4859677.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
28	OPG 6	683306.9	4860023.0	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
29	OPG 7	683718.6	4859915.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
30	OPG 8	682702.0	4859998.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
31	OPG 9	684347.7	4861184.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
32	OPG 10	682157.2	4861228.2	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
33	St. Mary's 1	684557.0	4861070.0	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
34	St. Mary's 2	684657.3	4861320.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
35	St. Mary's 3	684905.3	4861154.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
36	Court. Subdivision 1	677328.4	4862976.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
37	Court. Subdivision 2	676187.9	4862611.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
38	Court. Subdivision 3	675974.8	4863484.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
39	Court. Subdivision 4	676606.1	4863214.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
40	Court. Subdivision 5	676827.1	4863591.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
41	Court. Subdivision 6	677200.4	4864074.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
42	Court. Subdivision 7	677719.8	4863625.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
43	Court. Subdivision 8	678271.6	4864200.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
44	Court. Subdivision 9	678184.4	4863373.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
45	Court. Subdivision 10	677179.7	4862499.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
46	Bow. Subdivision 1	683536.7	4864215.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
47	Bow. Subdivision 2	683770.0	4863915.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
48	Bow. Subdivision 3	683671.0	4863534.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
49	B																						



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane
		(m)	(m)			6.22E-08			3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05				0.01			6.61E-05
				1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27
55	Bow. Subdivision 10	685266.0	4863243.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
56	Osh/Court Subdivision 1	677396.8	4860977.3	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
57	Osh/Court Subdivision 2	676633.5	4860816.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
58	Osh/Court Subdivision 3	676916.0	4861925.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
59	Osh/Court Subdivision 4	676730.5	4861317.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
60	Osh/Court Subdivision 5	676087.2	4861392.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
61	Osh/Court Subdivision 6	676177.1	4861722.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
62	Osh/Court Subdivision 7	675670.7	4861783.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
63	Osh/Court Subdivision 8	676050.8	4862055.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
64	Osh/Court Subdivision 9	676636.9	4862134.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
65	Osh/Court Subdivision 10	676571.3	4861634.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
66	Bow. Subdivision 11	684649.2	4863182.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
67	Daycare B	685172.4	4863933.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
68	Daycare C	685452.0	4863104.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
69	Daycare D	685527.7	4864693.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
70	Daycare E	685735.4	4864790.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
71	Daycare F	685520.3	4864854.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
72	Daycare G	685441.9	4864878.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
73	Daycare H	686364.8	4864707.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
74	Daycare I	685721.6	4865127.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
75	Daycare J	678256.3	4863565.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
76	Daycare K	677694.1	4864043.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
77	Daycare L	676479.5	4862526.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
78	Daycare M	678320.9	4864763.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
79	Daycare N	678513.4	4865058.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
80	Daycare O	672788.7	4863936.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
81	Daycare P	673952.8	4863592.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
82	Daycare Q	671751.8	4864887.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
83	Daycare R	685714.4	4864667.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
84	Daycare S	684177.9	4863618.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
85	Daycare T	678423.6	4864480.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
86	Daycare U	685330.5	4863435.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
87	Daycare V	685153.2	4863236.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
88	Daycare W	672679.0	4862044.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
89	Daycare X	672076.5	4865285.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
90	Daycare Y	672638.0	4859664.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
91	Daycare Z	673735.9	4858958.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
92	Daycare AA	673121.8	4863385.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
93	Daycare BB	673904.8	4862282.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
94	Daycare CC	671471.6	4861795.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
95	Daycare DD	673057.3	4862625.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
96	Daycare EE	674917.1	4863957.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
97	Daycare FF	671356.6	4862954.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
98	Daycare GG	671675.5	4862705.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
99	Daycare HH	671604.8	4860138.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
100	Daycare II	670945.2	4857983.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
101	Daycare JJ	677514.6	4864744.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
102	Daycare KK	676519.9	4862680.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
103	Daycare LL	6776																					

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane
		(m)	(m)			6.22E-08			3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05					0.01		
				1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27
109	Hospital (Children's)	676057.8	4862180.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
110	Hospital	671233.2	4863615.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
111	Comm. Resp. Services	676045.4	4863902.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
112	Hospital	671712.7	4862364.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
113	Retirement Residence A	684199.9	4864120.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
114	Retirement Residence B	685483.9	4865150.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
115	Retirement Residence C	686844.0	4864732.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
116	Retirement Residence D	673481.7	4863343.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
117	Retirement Residence E	671825.2	4864399.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
118	Retirement Residence F	671606.3	4864536.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
119	Retirement Residence G	671357.1	4862958.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
120	Retirement Residence H	671514.0	4862262.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
121	Retirement Residence I	672602.2	4863075.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
122	Retirement Residence J	671719.1	4862893.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
123	Retirement Residence K	686718.0	4865648.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
124	Retirement Residence L	676168.7	4865669.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
125	Retirement Residence M	676118.5	4863980.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
126	Bow. Subdivision 12	684649.2	4863182.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
127	Primary School B	685384.8	4863575.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
128	Primary School C	685021.6	4863952.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
129	Primary School D	686237.0	4864085.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
130	Primary School E	686719.0	4863734.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
131	Primary School F	686357.0	4864754.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
132	Primary School G	685502.0	4865013.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
133	Primary School H	686726.7	4866061.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
134	Primary School I	685186.2	4866568.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
135	Primary School J	685965.3	4866979.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
136	Primary School K	677709.9	4864726.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
137	Primary School L	675988.3	4864270.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
138	Primary School M	676608.7	4862739.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
139	Primary School N	677222.2	4863759.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
140	Primary School O	678154.9	4863872.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
141	Court. Subdivision 12	678309.6	4863600.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
142	Primary School Q	677010.6	4862470.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
143	Primary School R	677431.3	4866694.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
144	Primary School S	675266.2	4863562.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
145	Primary School T	673479.2	4860029.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
146	Primary School U	670856.0	4860710.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
147	Primary School V	672660.2	4863909.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
148	Primary School W	672735.2	4859232.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
149	Primary School X	673575.8	4862688.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
150	Primary School Y	673710.3	4861969.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
151	Primary School Z	672366.0	4859928.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
152	Primary School AA	672561.7	4866047.1	1.35E-04		1.76	4.69																

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane
		(m)	(m)			6.22E-08			3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05				0.01			6.61E-05
				1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27
163	Primary School LL	673762.3	4864210.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
164	Primary School MM	672238.8	4864621.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
165	Primary School NN	673213.6	4858677.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
166	Primary School OO	675474.8	4863221.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
167	Primary School PP	672441.8	4858748.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
168	Primary School QQ	672796.8	4864438.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
169	Primary School RR	671351.4	4863284.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
170	Primary School SS	673213.9	4862125.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
171	Primary School TT	671017.9	4860953.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
172	Primary School UU	670991.0	4861089.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
173	Primary School VV	674150.1	4862294.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
174	Primary School WW	672005.2	4861707.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
175	Primary School XX	684172.1	4863615.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
176	Primary School YY	683923.3	4866636.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
177	Primary School ZZ	680446.0	4865770.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
178	Vacant School	685612.9	4864520.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
179	Secondary School A	686291.4	4865064.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
180	Secondary School B	683875.0	4864741.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
181	Secondary School C	684650.3	4866460.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
182	Secondary School D	678099.5	4864838.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
183	Secondary School E	678467.0	4863431.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
184	Secondary School F	674144.9	4862762.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
185	Secondary School G	673816.0	4864357.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
186	Secondary School H	673145.4	4858569.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
187	Secondary School I	671291.7	4863581.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
188	Secondary School J	671443.2	4861664.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
189	Secondary School K	673235.3	4860885.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
190	Secondary School L	684252.7	4866500.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
191	Secondary School M	673914.1	4859551.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
192	Secondary School N	675051.5	4864177.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
193	Adult School	685276.1	4866019.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
194	Bow. Valley Cons. 1	685356.6	4864521.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
195	Bow. Valley Cons. 2	685627.7	4864167.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
196	Bow. Valley Cons. 4	685852.7	4863640.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
197	Bow. Valley Cons. 5	686163.1	4863621.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
198	Bow. Valley Cons. 6	685931.9	4863380.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
199	Maple Grove 1	681688.5	4864717.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
200	Maple Grove 2	681768.9	4864631.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
201	Maple Grove 3	681894.9	4864506.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
202	Maple Grove 4	681974.8	4864443.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
203	Maple Grove 5	681942.2	4864676.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
204	Maple Grove 6	682053.2	4864586.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
205	Maple Grove 7	682168.5	4864631.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
206	Maple Grove 8	682261.7	4864520.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
207	Maple Grove 9	682382.1	4864589.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
208	Maple Grove 10	682459.8	4864499.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
209	Port Darlington 1	686227.8	4861159.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
210	Port Darlington 2	686184.8	4861252.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-	

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane
		(m)	(m)	1.35E-04		6.22E-08					3.63E-03	0.02	5.93E-03	4.21E-03									
						1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
217	Port Darlington 9	686867.4	4862119.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
218	Port Darlington 10	687190.7	4862048.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
219	Port Darlington 11	687524.4	4862126.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
220	Campground 1	678646.3	4860337.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
221	Campground 2	678410.2	4860148.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
222	Campground 3	678651.0	4860054.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
223	Campground 4	678725.9	4859860.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
224	Campground 5	678511.1	4859808.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
225	Campground 6	678869.5	4859696.0	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
226	Campground 7	678723.9	4860201.8	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
227	Campground 8	678796.0	4860011.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
228	Campground 9	678852.7	4859854.2	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
229	Solina 1	681099.6	4861677.2	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
230	Solina 2	681115.7	4861857.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
231	Solina 3	680987.4	4861983.5	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
232	Solina 4	680965.0	4862068.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
233	Solina 5	681021.5	4862086.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
234	Solina 6	680939.8	4862124.3	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
235	Solina 7	680988.2	4862183.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
236	Solina 8	680984.6	4862209.8	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
237	Solina 9	680958.6	4862294.9	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
238	Solina 10	680858.0	4862324.3	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
239	Solina 11	680990.3	4862403.5	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
240	Recreational 1	681545.0	4860865.0	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
241	Recreational 2	681563.7	4860687.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
242	Recreational 3	681579.7	4860610.0	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
243	Recreational 6	681876.6	4860254.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
244	Recreational 7	682166.9	4860324.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
245	Darlington 1	679565.4	4861052.9	1.35E-04		1.76	4.69	0.08	11.84	0.04	0.04	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.56E-03	1.28
246	Darlington 2	679452.9	4861051.4	1.35E-04		1.76	4.69	0.08	11.84	0.04	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.56E-03	1.28
247	Darlington 3	679130.5	4860948.8	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
248	Darlington 4	679112.6	4860941.9	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
249	Darlington 5	679057.6	4860994.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
250	Darlington 6	679075.2	4860931.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
251	Darlington 7	678814.3	4860843.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
252	Darlington 8	678840.4	4860777.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
253	Light Ind. 1	680000.1	4861034.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.55E-03	1.28
254	Light Ind. 2	680060.7	4861056.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.55E-03	1.28
255	Light Ind. 3	680291.2	4861151.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.55E-03	1.28
256	Light Ind. 4	680536.3	4861204.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
257	Light Ind. 5	680350.4	4861290.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
258	Light Ind. 6	680306.9	4861275.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
259	Light Ind. 7	680267.2	4861262.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
260	Light Ind. 8	680233.6	4861250.7	1.35E-04		1.76	4.6																



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane
		(m)	(m)			6.22E-08			3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05				0.01			6.61E-05
				1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27
271	Future Industrial 5	679898.8	4860067.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
272	Future Industrial 6	680134.8	4860694.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
273	Future Industrial 11	680253.7	4860255.2	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
274	Future Industrial 12	679901.2	4860511.8	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
275	Commercial Farmer	679867.8	4860445.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
276	Farmer	679277.0	4859981.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
277	Residence	679387.2	4860648.9	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
278	Barn	679261.9	4860574.2	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
279	Residence	680150.7	4861295.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
280	Residence	679939.8	4861213.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.55E-03	1.28
281	Farmer	680855.7	4861456.9	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
282	Farmer	681386.2	4861673.3	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
283	Residence	680683.5	4861597.9	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
284	Business	680064.3	4861343.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
285	Farmer	679680.1	4861213.5	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.55E-03	1.28
286	Farmer	681344.8	4861792.9	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
287	Youth Centre	685644.2	4864814.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
288	Bowmanville Arena	685462.9	4864615.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
289	Bowmanville Rec Complex	684160.3	4864604.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
290	Recreation Complex	684586.6	4862406.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
291	Superdog Central	681487.7	4865723.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
292	Equestrian Centre	681567.1	4863670.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
293	Flea Market	678574.6	4862819.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
294	Equestrian Centre	680030.8	4867320.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
295	Courtice Community Comp	678099.3	4864629.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
296	Former Restaurant	679830.2	4860702.2	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
297	Commercial	679364.8	4861016.0	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.55E-03	1.28
298	GM Oshawa Headquarters	676418.3	4860463.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
299	Farm A?	682972.3	4862201.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
300	Farm B?	683546.9	4861959.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
301	Farm C?	682547.5	4862321.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
302	Farm D?	683238.3	4862393.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
303	Farm E?	682512.6	4862858.0	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
304	Farm F?	683129.1	4863649.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
305	Bennett 1	688209.3	4862512.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
306	Bennett 2	687990.0	4863221.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
307	Bennett 3	688818.4	4862836.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
308	Bennett 4	689045.1	4863365.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
309	Bennett 5	688270.5	4863763.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
310	Bennett 6	689908.5	4863100.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
311	Bennett 7	688929.9	4864392.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
312	Bennett 8	689684.2	4863837.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
313	Soper 1	687557.9	4862512.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
314	Soper 2	687241.9	4863171.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
315	Soper 3	687023.2	4863903.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
316	Soper 4	688158.2	4865389.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
317	Soper 5	685027.3	4868253.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
318	Soper 6	687287.4	4867037.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
319	Soper 7	685683.2																					

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane
		(m)	(m)			6.22E-08			3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05					0.01		
				1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27
325	Bowmanville 5	682452.2	4869417.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
326	Bowmanville 6	684778.5	4864888.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
327	Bowmanville 7	684549.5	4866404.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
328	Upper Tooley 1	679944.8	4864883.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
329	Upper Tooley 2	679055.1	4863885.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
330	Upper Tooley 3	679714.0	4862767.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
331	Upper Tooley 4	678898.8	4861800.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
332	Upper Tooley 5	680353.5	4862156.5	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
333	Upper Tooley 6	679818.1	4861625.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
334	Robinson 1	678434.8	4860943.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28
335	Robinson 2	677752.6	4861240.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
336	Robinson 3	677642.2	4861787.2	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
337	Robinson 4	678532.7	4862143.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
338	Robinson 5	678005.1	4862784.9	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
339	Robinson 6	677882.7	4860587.7	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
340	F/B 1	677443.1	4867862.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
341	F/B 2	679667.4	4866611.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
342	F/B 3	678655.0	4867470.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
343	F/B 4	676191.2	4866844.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
344	F/B 5	678273.3	4866093.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
345	F/B 6	681241.2	4867098.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
346	F/B 7	682165.3	4868082.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
347	F/B 8	679366.6	4868628.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
348	F/B 9	680310.1	4869967.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
349	F/B 10	676487.3	4869291.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
350	F/B 11	676851.4	4865409.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
351	F/B 12	681153.3	4868682.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
352	F/B 13	675416.3	4859833.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
353	Second 1	675153.4	4860552.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
354	Second 2	675297.5	4860891.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
355	Second 3	675647.2	4860644.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
356	Second 4	675670.5	4860076.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
357	Second 5	676043.3	4860319.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
358	Second 6	675923.4	4859821.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
359	McLaughlin Bay 1	676714.7	4860903.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
360	McLaughlin Bay 2	677310.8	4860528.2	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
361	McLaughlin Bay 3	676563.5	4860260.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
362	McLaughlin Bay 4	676699.5	4859696.6	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.55E-03	1.28
363	McLaughlin Bay 5	677560.0	4860060.1	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
364	McLaughlin Bay 6	678204.5	4859832.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
365	Harmony Creek 1	674178.3	4861024.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
366	Harmony Creek 2	674592.0	4862605.3	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
367	Harmony Creek 3	672863.4	4862808.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
368	Harmony Creek 4	675671.6	4864469.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
369	Harmony Creek 5	672443.1	4864713.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
370	Harmony Creek 6	674830.5	4866909.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
371	Harmony Creek 7	675799.9	4868594.1	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
372	Westside 1	686082.6	4862776.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07			

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane
		(m)	(m)	1.35E-04		6.22E-08				3.63E-03	0.02	5.93E-03	4.21E-03			3.70E-05	5.96E-05				0.01		
				1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27
379	Darlington 5	683223.2	4861114.0	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27
380	Darlington 6	683947.7	4862362.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
381	Darlington 7	685361.9	4861143.4	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
382	Bennett ECO/HH	688606.4	4862634.8	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
383	Oshawa ECO/HH	673884.9	4859128.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
384	Oshawa Creek 1	671671.2	4862793.7	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
385	Oshawa Creek 2	671668.5	4861589.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
386	Oshawa Creek 3	672820.2	4861287.2	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27
387	Oshawa Creek 4	672360.3	4860262.6	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
388	Oshawa Creek 5	673921.2	4860115.0	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27
389	Oshawa Creek 6	673154.0	4859421.9	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27
390	Farmer	677409.8	4861051.4	1.35E-04		1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28
391	Commercial Market	688276.3	4864698.5	1.35E-04		1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																	
				0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
1	Campground 10	678526.8	4859996.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.67E-03	4.85		0.00E+00	0.00E+00
2	ECO 2	675490.4	4860360.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.19E-03	4.84		0.00E+00	0.00E+00
3	Recreational 5	681642.0	4860349.3	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.69E-03	4.86		0.00E+00	0.00E+00
4	ECO 4	676831.5	4859840.9	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.48E-03	4.86		0.00E+00	0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.02E-03	4.84		0.00E+00	0.00E+00
6	ECO 6	679647.8	4859989.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.65E-03	4.85		0.00E+00	0.00E+00
7	ECO 7	681578.8	4862070.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.35E-03	4.86		0.00E+00	0.00E+00
8	ECO 8	679735.5	4861048.6	0.02	1.24	5.23E-03	3.39	0.37	2.31	0.49	9.48	0.11	0.54	2.17	0.81	0.01	4.89		0.00E+00	0.00E+00
9	ECO 9	687219.7	4864249.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.90E-03	4.84		0.00E+00	0.00E+00
10	ECO 10	686519.0	4861987.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.98E-03	4.84		0.00E+00	0.00E+00
11	ECO 11	679870.4	4859737.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.04E-03	4.85		0.00E+00	0.00E+00
12	Recreational 4	681575.5	4860557.7	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.22E-03	4.86		0.00E+00	0.00E+00
13	Future Industrial 9	680704.5	4859857.8	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.40E-03	4.86		0.00E+00	0.00E+00
14	Future Industrial 10	680608.0	4860719.6	0.02	1.24	5.23E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.95E-03	4.88		0.00E+00	0.00E+00
15	Harmony Creek	673992.4	4865641.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
16	Farewell Creek	678079.2	4868822.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.83E-03	4.84		0.00E+00	0.00E+00
17	Farmer	681378.6	4860335.0	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.85E-03	4.87		0.00E+00	0.00E+00
18	Watson Farm	682883.4	4864219.7	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.24E-03	4.86		0.00E+00	0.00E+00
19	Racanski Farm	678929.2	4865530.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.42E-03	4.85		0.00E+00	0.00E+00
20	Zoo	687216.8	4864835.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.77E-03	4.84		0.00E+00	0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.64E-03	4.85		0.00E+00	0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.77E-03	4.85		0.00E+00	0.00E+00
23	OPG 1	682258.1	4860045.0	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.99E-03	4.87		0.00E+00	0.00E+00
24	OPG 2	682551.4	4859889.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.03E-03	4.85		0.00E+00	0.00E+00
25	OPG 3	682824.6	4859759.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.88E-03	4.85		0.00E+00	0.00E+00
26	OPG 4	683021.6	4859937.3	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.10E-03	4.86		0.00E+00	0.00E+00
27	OPG 5	683318.2	4859677.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.43E-03	4.85		0.00E+00	0.00E+00
28	OPG 6	683306.9	4860023.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.93E-03	4.85		0.00E+00	0.00E+00
29	OPG 7	683718.6	4859915.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.43E-03	4.85		0.00E+00	0.00E+00
30	OPG 8	682702.0	4859998.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.52E-03	4.86		0.00E+00	0.00E+00
31	OPG 9	684347.7	4861184.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.53E-03	4.85		0.00E+00	0.00E+00
32	OPG 10	682157.2	4861228.2	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.39E-03	4.86		0.00E+00	0.00E+00
33	St. Mary's 1	684557.0	4861070.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.94E-03	4.85		0.00E+00	0.00E+00
34	St. Mary's 2	684657.3	4861320.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.32E-03	4.84		0.00E+00	0.00E+00
35	St. Mary's 3	684905.3	4861154.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.87E-03	4.85		0.00E+00	0.00E+00
36	Court. Subdivision 1	677328.4	4862976.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.79E-03	4.85		0.00E+00	0.00E+00
37	Court. Subdivision 2	676187.9	4862611.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.38E-03	4.85		0.00E+00	0.00E+00
38	Court. Subdivision 3	675974.8	4863484.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.74E-03	4.84		0.00E+00	0.00E+00
39	Court. Subdivision 4	676606.1	4863214.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.24E-03	4.84		0.00E+00	0.00E+00
40	Court. Subdivision 5	676827.1	4863591.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.42E-03	4.85		0.00E+00	0.00E+00
41	Court. Subdivision 6	677200.4	4864074.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.33E-03	4.85		0.00E+00	0.00E+00
42	Court. Subdivision 7	677719.8	4863625.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.50E-03	4.85		0.00E+00	0.00E+00
43	Court. Subdivision 8	678271.6	4864200.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.05E-03	4.84		0.00E+00	0.00E+00
44	Court. Subdivision 9	678184.4	4863373.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.35E-03	4.85		0.00E+00	0.00E+00
45	Court. Subdivision 10	677179.7	4862499.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.32E-03	4.84		0.00E+00	0.00E+00
46	Bow. Subdivision 1	683536.7	4864215.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.62E-03	4.85		0.00E+00	0.00E+00
47	Bow. Subdivision 2	683770.0	4863915.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.21E-03	4.84		0.00E+00	0.00E+00
48	Bow. Subdivision 3	683671.0	4863534.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.51E-03	4.85		0.00E+00	0.00E+00
49	Bow. Subdivision 4	684501.9	4863847.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.51E-03	4.85		0.00E+00	0.00E+00
50	Bow. Subdivision 5	684242.9	4863518.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.16E-03	4.84		0.	



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)		1.21E-04	3.48E-05	5.55E-03				6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02		5.10E-03			
				0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
55	Bow. Subdivision 10	685266.0	4863243.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.20E-03	4.84		0.00E+00	0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.72E-03	4.86		0.00E+00	0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.60E-03	4.85		0.00E+00	0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.40E-03	4.85		0.00E+00	0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.47E-03	4.86		0.00E+00	0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.60E-03	4.85		0.00E+00	0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.15E-03	4.84		0.00E+00	0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.21E-03	4.84		0.00E+00	0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.05E-03	4.84		0.00E+00	0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.21E-03	4.84		0.00E+00	0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.30E-03	4.84		0.00E+00	0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.21E-03	4.84		0.00E+00	0.00E+00
67	Daycare B	685172.4	4863933.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	4.84		0.00E+00	0.00E+00
68	Daycare C	685452.0	4863104.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.00E-03	4.84		0.00E+00	0.00E+00
69	Daycare D	685527.7	4864693.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.10E-03	4.84		0.00E+00	0.00E+00
70	Daycare E	685735.4	4864790.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.03E-03	4.84		0.00E+00	0.00E+00
71	Daycare F	685520.3	4864854.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.12E-03	4.84		0.00E+00	0.00E+00
72	Daycare G	685441.9	4864878.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.07E-03	4.84		0.00E+00	0.00E+00
73	Daycare H	686364.8	4864707.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.67E-03	4.84		0.00E+00	0.00E+00
74	Daycare I	685721.6	4865127.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
75	Daycare J	678256.3	4863565.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.48E-03	4.85		0.00E+00	0.00E+00
76	Daycare K	677694.1	4864043.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.10E-03	4.84		0.00E+00	0.00E+00
77	Daycare L	676479.5	4862526.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.40E-03	4.85		0.00E+00	0.00E+00
78	Daycare M	678320.9	4864763.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.93E-03	4.84		0.00E+00	0.00E+00
79	Daycare N	678513.4	4865058.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00
80	Daycare O	672788.7	4863936.6	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	4.83		0.00E+00	0.00E+00
81	Daycare P	673952.8	4863592.5	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
82	Daycare Q	671751.8	4864887.7	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
83	Daycare R	685714.4	4864667.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.97E-03	4.84		0.00E+00	0.00E+00
84	Daycare S	684177.9	4863618.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.66E-03	4.85		0.00E+00	0.00E+00
85	Daycare T	678423.6	4864480.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.98E-03	4.84		0.00E+00	0.00E+00
86	Daycare U	685330.5	4863435.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.11E-03	4.84		0.00E+00	0.00E+00
87	Daycare V	685153.2	4863236.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.11E-03	4.84		0.00E+00	0.00E+00
88	Daycare W	672679.0	4862044.9	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
89	Daycare X	672076.5	4865285.8	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.49E-03	4.83		0.00E+00	0.00E+00
90	Daycare Y	672638.0	4859664.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.83E-03	4.84		0.00E+00	0.00E+00
91	Daycare Z	673735.9	4858958.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
92	Daycare AA	673121.8	4863385.9	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.54E-03	4.83		0.00E+00	0.00E+00
93	Daycare BB	673904.8	4862282.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.85E-03	4.84		0.00E+00	0.00E+00
94	Daycare CC	671471.6	4861795.3	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	4.83		0.00E+00	0.00E+00
95	Daycare DD	673057.3	4862625.6	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.58E-03	4.83		0.00E+00	0.00E+00
96	Daycare EE	674917.1	4863957.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.68E-03	4.84		0.00E+00	0.00E+00
97	Daycare FF	671356.6	4862954.4	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	4.83		0.00E+00	0.00E+00
98	Daycare GG	671675.5	4862705.8	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.48E-03	4.83		0.00E+00	0.00E+00
99	Daycare HH	671604.8	4860138.1	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
100	Daycare II	670945.2	4857983.8	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	4.83		0.00E+00	0.00E+00
101	Daycare JJ	677514.6	4864744.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.82E-03	4.84		0.00E+00	0.00E+00
102	Daycare KK	676519.9	4862680.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.12E-03	4.84		0.00E+00	0.00E+00
103	Daycare LL	677660.6	4863601.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.54E-03	4.85		0.00E+00	0.00E+00
104	Court. Subdivision 11	677665.8	4863406.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47									

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																	
				0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
109	Hospital (Children's)	676057.8	4862180.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.07E-03	4.84		0.00E+00	0.00E+00
110	Hospital	671233.2	4863615.9	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.44E-03	4.83		0.00E+00	0.00E+00
111	Comm. Resp. Services	676045.4	4863902.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.35E-03	4.85		0.00E+00	0.00E+00
112	Hospital	671712.7	4862364.1	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	4.83		0.00E+00	0.00E+00
113	Retirement Residence A	684199.9	4864120.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.25E-03	4.84		0.00E+00	0.00E+00
114	Retirement Residence B	685483.9	4865150.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.83E-03	4.84		0.00E+00	0.00E+00
115	Retirement Residence C	686844.0	4864732.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.81E-03	4.84		0.00E+00	0.00E+00
116	Retirement Residence D	673481.7	4863343.4	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
117	Retirement Residence E	671825.2	4864399.0	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.43E-03	4.83		0.00E+00	0.00E+00
118	Retirement Residence F	671606.3	4864536.0	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.42E-03	4.83		0.00E+00	0.00E+00
119	Retirement Residence G	671357.1	4862958.7	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	4.83		0.00E+00	0.00E+00
120	Retirement Residence H	671514.0	4862262.9	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.48E-03	4.83		0.00E+00	0.00E+00
121	Retirement Residence I	672602.2	4863075.9	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.50E-03	4.83		0.00E+00	0.00E+00
122	Retirement Residence J	671719.1	4862893.1	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
123	Retirement Residence K	686718.0	4865648.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.81E-03	4.84		0.00E+00	0.00E+00
124	Retirement Residence L	676168.7	4865669.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.92E-03	4.84		0.00E+00	0.00E+00
125	Retirement Residence M	676118.5	4863980.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.38E-03	4.85		0.00E+00	0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.21E-03	4.84		0.00E+00	0.00E+00
127	Primary School B	685384.8	4863575.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.14E-03	4.84		0.00E+00	0.00E+00
128	Primary School C	685021.6	4863952.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.84E-03	4.84		0.00E+00	0.00E+00
129	Primary School D	686237.0	4864085.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.98E-03	4.84		0.00E+00	0.00E+00
130	Primary School E	686719.0	4863734.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.88E-03	4.84		0.00E+00	0.00E+00
131	Primary School F	686357.0	4864754.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.63E-03	4.84		0.00E+00	0.00E+00
132	Primary School G	685502.0	4865013.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.00E-03	4.84		0.00E+00	0.00E+00
133	Primary School H	686726.7	4866061.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.74E-03	4.84		0.00E+00	0.00E+00
134	Primary School I	685186.2	4866568.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.69E-03	4.84		0.00E+00	0.00E+00
135	Primary School J	685965.3	4866979.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.67E-03	4.84		0.00E+00	0.00E+00
136	Primary School K	677709.9	4864726.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.90E-03	4.84		0.00E+00	0.00E+00
137	Primary School L	675988.3	4864270.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.34E-03	4.85		0.00E+00	0.00E+00
138	Primary School M	676608.7	4862739.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.02E-03	4.84		0.00E+00	0.00E+00
139	Primary School N	677222.2	4863759.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.23E-03	4.84		0.00E+00	0.00E+00
140	Primary School O	678154.9	4863872.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.31E-03	4.84		0.00E+00	0.00E+00
141	Court. Subdivision 12	678309.6	4863600.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.50E-03	4.85		0.00E+00	0.00E+00
142	Primary School Q	677010.6	4862470.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.36E-03	4.85		0.00E+00	0.00E+00
143	Primary School R	677431.3	4866694.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.96E-03	4.84		0.00E+00	0.00E+00
144	Primary School S	675266.2	4863562.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00
145	Primary School T	673479.2	4860029.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.68E-03	4.84		0.00E+00	0.00E+00
146	Primary School U	670856.0	4860710.6	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
147	Primary School V	672660.2	4863909.2	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.49E-03	4.83		0.00E+00	0.00E+00
148	Primary School W	672735.2	4859232.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.39E-03	4.85		0.00E+00	0.00E+00
149	Primary School X	673575.8	4862688.6	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
150	Primary School Y	673710.3	4861969.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
151	Primary School Z	672366.0	4859928.1	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
152	Primary School AA	672561.7	4866047.1	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.60E-03	4.84		0.00E+00	0.00E+00
153	Primary School BB	675095.1	4862930.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.77E-03	4.84		0.00E+00	0.00E+00
154	Primary School CC	673242.6	4865197.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	4.84		0.00E+00	0.00E+00
155	Primary School DD	674164.9	4863031.3	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.60E-03	4.84		0.00E+00	0.00E+00
156	Primary School EE	671905.6	4864697.8	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
157	Primary School FF	673294.9	4858774.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.74E-03	4.84		0.00E+00	0.00E+00
158	Primary School GG	671659.7	4863120.0	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.48E-03	4.83			

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																	
				0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
163	Primary School LL	673762.3	4864210.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.65E-03	4.84		0.00E+00	0.00E+00
164	Primary School MM	672238.8	4864621.3	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.41E-03	4.83		0.00E+00	0.00E+00
165	Primary School NN	673213.6	4858677.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.72E-03	4.84		0.00E+00	0.00E+00
166	Primary School OO	675474.8	4863221.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.92E-03	4.84		0.00E+00	0.00E+00
167	Primary School PP	672441.8	4858748.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.66E-03	4.84		0.00E+00	0.00E+00
168	Primary School QQ	672796.8	4864438.2	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.48E-03	4.83		0.00E+00	0.00E+00
169	Primary School RR	671351.4	4863284.0	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	4.83		0.00E+00	0.00E+00
170	Primary School SS	673213.9	4862125.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00
171	Primary School TT	671017.9	4860953.7	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.42E-03	4.83		0.00E+00	0.00E+00
172	Primary School UU	670991.0	4861089.8	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.39E-03	4.83		0.00E+00	0.00E+00
173	Primary School VV	674150.1	4862294.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.80E-03	4.84		0.00E+00	0.00E+00
174	Primary School WW	672005.2	4861707.9	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.39E-03	4.83		0.00E+00	0.00E+00
175	Primary School XX	684172.1	4863615.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.69E-03	4.85		0.00E+00	0.00E+00
176	Primary School YY	683923.3	4866636.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.92E-03	4.84		0.00E+00	0.00E+00
177	Primary School ZZ	680446.0	4865770.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
178	Vacant School	685612.9	4864520.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.85E-03	4.84		0.00E+00	0.00E+00
179	Secondary School A	686291.4	4865064.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.74E-03	4.84		0.00E+00	0.00E+00
180	Secondary School B	683875.0	4864741.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.61E-03	4.85		0.00E+00	0.00E+00
181	Secondary School C	684650.3	4866460.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00
182	Secondary School D	678099.5	4864838.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	4.84		0.00E+00	0.00E+00
183	Secondary School E	678467.0	4863431.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.60E-03	4.85		0.00E+00	0.00E+00
184	Secondary School F	674144.9	4862762.7	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
185	Secondary School G	673816.0	4864357.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	4.84		0.00E+00	0.00E+00
186	Secondary School H	673145.4	4858569.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.71E-03	4.84		0.00E+00	0.00E+00
187	Secondary School I	671291.7	4863581.3	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
188	Secondary School J	671443.2	4861664.9	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
189	Secondary School K	673235.3	4860885.0	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
190	Secondary School L	684252.7	4866500.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.94E-03	4.84		0.00E+00	0.00E+00
191	Secondary School M	673914.1	4859551.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.38E-03	4.85		0.00E+00	0.00E+00
192	Secondary School N	675051.5	4864177.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.68E-03	4.84		0.00E+00	0.00E+00
193	Adult School	685276.1	4866019.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.92E-03	4.84		0.00E+00	0.00E+00
194	Bow. Valley Cons. 1	685356.6	4864521.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
195	Bow. Valley Cons. 2	685627.7	4864167.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.77E-03	4.84		0.00E+00	0.00E+00
196	Bow. Valley Cons. 4	685852.7	4863640.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.96E-03	4.84		0.00E+00	0.00E+00
197	Bow. Valley Cons. 5	686163.1	4863621.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.03E-03	4.84		0.00E+00	0.00E+00
198	Bow. Valley Cons. 6	685931.9	4863380.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.95E-03	4.84		0.00E+00	0.00E+00
199	Maple Grove 1	681688.5	4864717.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.36E-03	4.85		0.00E+00	0.00E+00
200	Maple Grove 2	681768.9	4864631.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.29E-03	4.84		0.00E+00	0.00E+00
201	Maple Grove 3	681894.9	4864506.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.20E-03	4.84		0.00E+00	0.00E+00
202	Maple Grove 4	681974.8	4864443.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.19E-03	4.84		0.00E+00	0.00E+00
203	Maple Grove 5	681942.2	4864676.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.15E-03	4.84		0.00E+00	0.00E+00
204	Maple Grove 6	682053.2	4864586.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.16E-03	4.84		0.00E+00	0.00E+00
205	Maple Grove 7	682168.5	4864631.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.22E-03	4.84		0.00E+00	0.00E+00
206	Maple Grove 8	682261.7	4864520.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.25E-03	4.84		0.00E+00	0.00E+00
207	Maple Grove 9	682382.1	4864589.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.09E-03	4.84		0.00E+00	0.00E+00
208	Maple Grove 10	682459.8	4864499.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.87E-03	4.84		0.00E+00	0.00E+00
209	Port Darlington 1	686227.8	4861159.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.39E-03	4.85		0.00E+00	0.00E+00
210	Port Darlington 2	686184.8	4861252.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.25E-03	4.84		0.00E+00	0.00E+00
211	Port Darlington 3	686151.2	4861286.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.22E-03	4.84		0.00E+00	0.00E+00
212	Port Darlington 4	686351.1	4861341.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.44				

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																	
				0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
217	Port Darlington 9	686867.4	4862119.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.98E-03	4.84		0.00E+00	0.00E+00
218	Port Darlington 10	687190.7	4862048.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	4.84		0.00E+00	0.00E+00
219	Port Darlington 11	687524.4	4862126.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	4.84		0.00E+00	0.00E+00
220	Campground 1	678646.3	4860337.7	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.50E-03	4.86		0.00E+00	0.00E+00
221	Campground 2	678410.2	4860148.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.53E-03	4.86		0.00E+00	0.00E+00
222	Campground 3	678651.0	4860054.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.95E-03	4.85		0.00E+00	0.00E+00
223	Campground 4	678725.9	4859860.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.89E-03	4.85		0.00E+00	0.00E+00
224	Campground 5	678511.1	4859808.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.60E-03	4.85		0.00E+00	0.00E+00
225	Campground 6	678869.5	4859696.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.94E-03	4.85		0.00E+00	0.00E+00
226	Campground 7	678723.9	4860201.8	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.67E-03	4.86		0.00E+00	0.00E+00
227	Campground 8	678796.0	4860011.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.97E-03	4.85		0.00E+00	0.00E+00
228	Campground 9	678852.7	4859854.2	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.37E-03	4.86		0.00E+00	0.00E+00
229	Solina 1	681099.6	4861677.2	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.31E-03	4.86		0.00E+00	0.00E+00
230	Solina 2	681115.7	4861857.7	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.43E-03	4.86		0.00E+00	0.00E+00
231	Solina 3	680987.4	4861983.5	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.35E-03	4.86		0.00E+00	0.00E+00
232	Solina 4	680965.0	4862068.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.28E-03	4.86		0.00E+00	0.00E+00
233	Solina 5	681021.5	4862086.7	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.32E-03	4.86		0.00E+00	0.00E+00
234	Solina 6	680939.8	4862124.3	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.25E-03	4.86		0.00E+00	0.00E+00
235	Solina 7	680988.2	4862183.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.22E-03	4.86		0.00E+00	0.00E+00
236	Solina 8	680984.6	4862209.8	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.20E-03	4.86		0.00E+00	0.00E+00
237	Solina 9	680958.6	4862294.9	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.10E-03	4.86		0.00E+00	0.00E+00
238	Solina 10	680858.0	4862324.3	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.18E-03	4.86		0.00E+00	0.00E+00
239	Solina 11	680990.3	4862403.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.99E-03	4.85		0.00E+00	0.00E+00
240	Recreational 1	681545.0	4860865.0	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.18E-03	4.86		0.00E+00	0.00E+00
241	Recreational 2	681563.7	4860687.4	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.43E-03	4.86		0.00E+00	0.00E+00
242	Recreational 3	681579.7	4860610.0	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.49E-03	4.86		0.00E+00	0.00E+00
243	Recreational 6	681876.6	4860254.4	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.31E-03	4.87		0.00E+00	0.00E+00
244	Recreational 7	682166.9	4860324.4	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.55E-03	4.86		0.00E+00	0.00E+00
245	Darlington 1	679565.4	4861052.9	0.02	1.24	5.23E-03	3.39	0.37	2.31	0.49	9.48	0.11	0.54	2.17	0.81	0.01	4.89		0.00E+00	0.00E+00
246	Darlington 2	679452.9	4861051.4	0.02	1.24	5.23E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	0.01	4.89		0.00E+00	0.00E+00
247	Darlington 3	679130.5	4860948.8	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.19E-03	4.87		0.00E+00	0.00E+00
248	Darlington 4	679112.6	4860941.9	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.22E-03	4.87		0.00E+00	0.00E+00
249	Darlington 5	679057.6	4860994.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.11E-03	4.87		0.00E+00	0.00E+00
250	Darlington 6	679075.2	4860931.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.24E-03	4.87		0.00E+00	0.00E+00
251	Darlington 7	678814.3	4860843.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.74E-03	4.86		0.00E+00	0.00E+00
252	Darlington 8	678840.4	4860777.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.71E-03	4.86		0.00E+00	0.00E+00
253	Light Ind. 1	680000.1	4861034.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.49E-03	4.88		0.00E+00	0.00E+00
254	Light Ind. 2	680060.7	4861056.4	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.53E-03	4.88		0.00E+00	0.00E+00
255	Light Ind. 3	680291.2	4861151.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.43E-03	4.87		0.00E+00	0.00E+00
256	Light Ind. 4	680536.3	4861204.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.88E-03	4.87		0.00E+00	0.00E+00
257	Light Ind. 5	680350.4	4861290.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.25E-03	4.87		0.00E+00	0.00E+00
258	Light Ind. 6	680306.9	4861275.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.17E-03	4.87		0.00E+00	0.00E+00
259	Light Ind. 7	680267.2	4861262.4	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.10E-03	4.87		0.00E+00	0.00E+00
260	Light Ind. 8	680233.6	4861250.7	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.10E-03	4.87		0.00E+00	0.00E+00
261	Light Ind. 9	680175.3	4861227.5	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.05E-03	4.87		0.00E+00	0.00E+00
262	Light Ind. 10	680092.5	4861185.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.25E-03	4.87		0.00E+00	0.00E+00
263	Light Ind. 11	680071.6	4861246.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.18E-03	4.87		0.00E+00	0.00E+00
264	Light Ind. 12	680021.4	4861186.9	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.47E-03	4.87		0.00E+00	0.00E+00
265	Future Industrial 7	680816.2	4860219.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.04E-03	4.86		0.00E+00	0.00E+00
266	Future Industrial 8	680398.0	4860731.8	0.02	1.24	5.23E-03	3.39	0.37	2.31	0.49	9.48	0.11	0.54	2.17	0.81</					



Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																	
				0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
271	Future Industrial 5	679898.8	4860067.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.98E-03	4.85		0.00E+00	0.00E+00
272	Future Industrial 6	680134.8	4860694.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.10E-03	4.87		0.00E+00	0.00E+00
273	Future Industrial 11	680253.7	4860255.2	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.60E-03	4.86		0.00E+00	0.00E+00
274	Future Industrial 12	679901.2	4860511.8	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.34E-03	4.86		0.00E+00	0.00E+00
275	Commercial Farmer	679867.8	4860445.4	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.43E-03	4.86		0.00E+00	0.00E+00
276	Farmer	679277.0	4859981.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.66E-03	4.85		0.00E+00	0.00E+00
277	Residence	679387.2	4860648.9	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.78E-03	4.87		0.00E+00	0.00E+00
278	Barn	679261.9	4860574.2	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.61E-03	4.86		0.00E+00	0.00E+00
279	Residence	680150.7	4861295.7	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.84E-03	4.87		0.00E+00	0.00E+00
280	Residence	679939.8	4861213.4	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.41E-03	4.87		0.00E+00	0.00E+00
281	Farmer	680855.7	4861456.9	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.62E-03	4.86		0.00E+00	0.00E+00
282	Farmer	681386.2	4861673.3	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.62E-03	4.86		0.00E+00	0.00E+00
283	Residence	680683.5	4861597.9	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.87E-03	4.87		0.00E+00	0.00E+00
284	Business	680064.3	4861343.7	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.95E-03	4.87		0.00E+00	0.00E+00
285	Farmer	679680.1	4861213.5	0.02	1.24	5.23E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.79E-03	4.88		0.00E+00	0.00E+00
286	Farmer	681344.8	4861792.9	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.20E-03	4.86		0.00E+00	0.00E+00
287	Youth Centre	685644.2	4864814.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.10E-03	4.84		0.00E+00	0.00E+00
288	Bowmanville Arena	685462.9	4864615.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.08E-03	4.84		0.00E+00	0.00E+00
289	Bowmanville Rec Complex	684160.3	4864604.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.33E-03	4.85		0.00E+00	0.00E+00
290	Recreation Complex	684586.6	4862406.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.20E-03	4.84		0.00E+00	0.00E+00
291	Superdog Central	681487.7	4865723.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
292	Equestrian Centre	681567.1	4863670.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.83E-03	4.85		0.00E+00	0.00E+00
293	Flea Market	678574.6	4862819.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.81E-03	4.85		0.00E+00	0.00E+00
294	Equestrian Centre	680030.8	4867320.2	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.56E-03	4.83		0.00E+00	0.00E+00
295	Courtice Community Comp	678099.3	4864629.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	4.84		0.00E+00	0.00E+00
296	Former Restaurant	679830.2	4860702.2	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.23E-03	4.86		0.00E+00	0.00E+00
297	Commercial	679364.8	4861016.0	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.42E-03	4.87		0.00E+00	0.00E+00
298	GM Oshawa Headquarters	676418.3	4860463.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.71E-03	4.85		0.00E+00	0.00E+00
299	Farm A?	682972.3	4862201.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.57E-03	4.85		0.00E+00	0.00E+00
300	Farm B?	683546.9	4861959.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.69E-03	4.85		0.00E+00	0.00E+00
301	Farm C?	682547.5	4862321.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.12E-03	4.86		0.00E+00	0.00E+00
302	Farm D?	683238.3	4862393.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.39E-03	4.85		0.00E+00	0.00E+00
303	Farm E?	682512.6	4862858.0	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.33E-03	4.86		0.00E+00	0.00E+00
304	Farm F?	683129.1	4863649.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.74E-03	4.85		0.00E+00	0.00E+00
305	Bennett 1	688209.3	4862512.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.77E-03	4.84		0.00E+00	0.00E+00
306	Bennett 2	687990.0	4863221.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	4.84		0.00E+00	0.00E+00
307	Bennett 3	688818.4	4862836.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.68E-03	4.84		0.00E+00	0.00E+00
308	Bennett 4	689045.1	4863365.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.70E-03	4.84		0.00E+00	0.00E+00
309	Bennett 5	688270.5	4863763.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.79E-03	4.84		0.00E+00	0.00E+00
310	Bennett 6	689908.5	4863100.5	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.57E-03	4.83		0.00E+00	0.00E+00
311	Bennett 7	688929.9	4864392.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.21E-03	4.84		0.00E+00	0.00E+00
312	Bennett 8	689684.2	4863837.7	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.60E-03	4.84		0.00E+00	0.00E+00
313	Soper 1	687557.9	4862512.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.79E-03	4.84		0.00E+00	0.00E+00
314	Soper 2	687241.9	4863171.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.66E-03	4.84		0.00E+00	0.00E+00
315	Soper 3	687023.2	4863903.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	4.84		0.00E+00	0.00E+00
316	Soper 4	688158.2	4865389.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00
317	Soper 5	685027.3	4868253.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.78E-03	4.84		0.00E+00	0.00E+00
318	Soper 6	687287.4	4867037.3	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.49E-03	4.83		0.00E+00	0.00E+00
319	Soper 7	685683.2	4867148.1	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
320	Soper 8	686748.7	4865874.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.80E-03	4.84		0.00E+00	0.00E+00

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																	
				0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
325	Bowmanville 5	682452.2	4869417.5	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.43E-03	4.83		0.00E+00	0.00E+00
326	Bowmanville 6	684778.5	4864888.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.81E-03	4.84		0.00E+00	0.00E+00
327	Bowmanville 7	684549.5	4866404.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.84E-03	4.84		0.00E+00	0.00E+00
328	Upper Tooley 1	679944.8	4864883.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.25E-03	4.84		0.00E+00	0.00E+00
329	Upper Tooley 2	679055.1	4863885.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.10E-03	4.84		0.00E+00	0.00E+00
330	Upper Tooley 3	679714.0	4862767.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.98E-03	4.85		0.00E+00	0.00E+00
331	Upper Tooley 4	678898.8	4861800.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.14E-03	4.87		0.00E+00	0.00E+00
332	Upper Tooley 5	680353.5	4862156.5	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.59E-03	4.86		0.00E+00	0.00E+00
333	Upper Tooley 6	679818.1	4861625.7	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.63E-03	4.86		0.00E+00	0.00E+00
334	Robinson 1	678434.8	4860943.1	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.44E-03	4.86		0.00E+00	0.00E+00
335	Robinson 2	677752.6	4861240.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.04E-03	4.85		0.00E+00	0.00E+00
336	Robinson 3	677642.2	4861787.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.91E-03	4.85		0.00E+00	0.00E+00
337	Robinson 4	678532.7	4862143.6	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.66E-03	4.86		0.00E+00	0.00E+00
338	Robinson 5	678005.1	4862784.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.70E-03	4.85		0.00E+00	0.00E+00
339	Robinson 6	677882.7	4860587.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.96E-03	4.85		0.00E+00	0.00E+00
340	F/B 1	677443.1	4867862.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.64E-03	4.84		0.00E+00	0.00E+00
341	F/B 2	679667.4	4866611.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.79E-03	4.84		0.00E+00	0.00E+00
342	F/B 3	678655.0	4867470.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.00E-03	4.84		0.00E+00	0.00E+00
343	F/B 4	676191.2	4866844.7	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.64E-03	4.84		0.00E+00	0.00E+00
344	F/B 5	678273.3	4866093.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.81E-03	4.84		0.00E+00	0.00E+00
345	F/B 6	681241.2	4867098.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.64E-03	4.84		0.00E+00	0.00E+00
346	F/B 7	682165.3	4868082.3	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
347	F/B 8	679366.6	4868628.3	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.51E-03	4.83		0.00E+00	0.00E+00
348	F/B 9	680310.1	4869967.1	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
349	F/B 10	676487.3	4869291.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.92E-03	4.84		0.00E+00	0.00E+00
350	F/B 11	676851.4	4865409.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.90E-03	4.84		0.00E+00	0.00E+00
351	F/B 12	681153.3	4868682.2	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.49E-03	4.83		0.00E+00	0.00E+00
352	F/B 13	675416.3	4859833.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.38E-03	4.85		0.00E+00	0.00E+00
353	Second 1	675153.4	4860552.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.16E-03	4.84		0.00E+00	0.00E+00
354	Second 2	675297.5	4860891.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.17E-03	4.84		0.00E+00	0.00E+00
355	Second 3	675647.2	4860644.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.27E-03	4.84		0.00E+00	0.00E+00
356	Second 4	675670.5	4860076.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.31E-03	4.84		0.00E+00	0.00E+00
357	Second 5	676043.3	4860319.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.36E-03	4.85		0.00E+00	0.00E+00
358	Second 6	675923.4	4859821.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.06E-03	4.86		0.00E+00	0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.53E-03	4.85		0.00E+00	0.00E+00
360	McLaughlin Bay 2	677310.8	4860528.2	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.15E-03	4.86		0.00E+00	0.00E+00
361	McLaughlin Bay 3	676563.5	4860260.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.51E-03	4.85		0.00E+00	0.00E+00
362	McLaughlin Bay 4	676699.5	4859696.6	0.02	1.24	5.23E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.78E-03	4.88		0.00E+00	0.00E+00
363	McLaughlin Bay 5	677560.0	4860060.1	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.86E-03	4.85		0.00E+00	0.00E+00
364	McLaughlin Bay 6	678204.5	4859832.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.62E-03	4.85		0.00E+00	0.00E+00
365	Harmony Creek 1	674178.3	4861024.2	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.67E-03	4.84		0.00E+00	0.00E+00
366	Harmony Creek 2	674592.0	4862605.3	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.63E-03	4.84		0.00E+00	0.00E+00
367	Harmony Creek 3	672863.4	4862808.0	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.54E-03	4.83		0.00E+00	0.00E+00
368	Harmony Creek 4	675671.6	4864469.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.28E-03	4.84		0.00E+00	0.00E+00
369	Harmony Creek 5	672443.1	4864713.0	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.44E-03	4.83		0.00E+00	0.00E+00
370	Harmony Creek 6	674830.5	4866909.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.67E-03	4.84		0.00E+00	0.00E+00
371	Harmony Creek 7	675799.9	4868594.1	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.57E-03	4.83		0.00E+00	0.00E+00
372	Westside 1	686082.6	4862776.6	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.77E-03	4.84		0.00E+00	0.00E+00
373	Westside 2	685778.7	4862137.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.95E-03	4.84		0.00E+00	0.00E+00
374	Westside 3	685084.2	4862827.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15</						

Appendix F - 7: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																	
				0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
379	Darlington 5	683223.2	4861114.0	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.19E-03	4.86		0.00E+00	0.00E+00
380	Darlington 6	683947.7	4862362.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.54E-03	4.85		0.00E+00	0.00E+00
381	Darlington 7	685361.9	4861143.4	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.48E-03	4.85		0.00E+00	0.00E+00
382	Bennett ECO/HH	688606.4	4862634.8	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.70E-03	4.84		0.00E+00	0.00E+00
383	Oshawa ECO/HH	673884.9	4859128.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.33E-03	4.85		0.00E+00	0.00E+00
384	Oshawa Creek 1	671671.2	4862793.7	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.48E-03	4.83		0.00E+00	0.00E+00
385	Oshawa Creek 2	671668.5	4861589.5	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
386	Oshawa Creek 3	672820.2	4861287.2	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.39E-03	4.83		0.00E+00	0.00E+00
387	Oshawa Creek 4	672360.3	4860262.6	0.02	1.24	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.51E-03	4.83		0.00E+00	0.00E+00
388	Oshawa Creek 5	673921.2	4860115.0	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.75E-03	4.84		0.00E+00	0.00E+00
389	Oshawa Creek 6	673154.0	4859421.9	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.37E-03	4.85		0.00E+00	0.00E+00
390	Farmer	677409.8	4861051.4	0.02	1.24	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.95E-03	4.87		0.00E+00	0.00E+00
391	Commercial Market	688276.3	4864698.5	0.02	1.24	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.89E-03	4.84		0.00E+00	0.00E+00



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
					Contaminant Total Emission Rate (g/s) From Both Stacks	4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63		5.73	7.02E-09		8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04	3.90E-05	0.02	8.19E-04
		(m)	(m)	Background Concentration (ug/m3)	5.92			37.03	632		9.78	21.28			1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04		
1	Campground 10	678526.8	4859996.8		5.98	0.01	1.39E-03	37.22	631.73	0.02	9.80	21.30	8.32E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.09E-05	
2	ECO 2	675490.4	4860360.1		5.96	9.78E-03	9.78E-04	37.17	631.71	0.01	9.79	21.29	5.87E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.00E-05	
3	Recreational 5	681642.0	4860349.3		5.99	0.02	1.82E-03	37.28	631.76	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.15E-04	9.28E-05	
4	ECO 4	676831.5	4859840.9		5.97	0.01	1.19E-03	37.19	631.72	0.02	9.80	21.29	7.13E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	6.07E-05	
5	Bow. Valley Cons. 3	685767.2	4863879.0		5.96	0.01	1.05E-03	37.18	631.72	0.02	9.79	21.29	6.31E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.38E-05	
6	ECO 6	679647.8	4859989.3		5.95	7.62E-03	7.62E-04	37.14	631.70	0.01	9.79	21.29	4.57E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.90E-05	
7	ECO 7	681578.8	4862070.1		6.03	0.03	2.77E-03	37.41	631.80	0.03	9.81	21.31	0.02	0.15	1.68E-08	1.87E-05		0.11	2.94E-03	1.80E-03	4.96E-03	2.99E-04	0.02	6.22E-04	1.42E-04	
8	ECO 8	679735.5	4861048.6		6.00	0.02	1.86E-03	37.28	631.76	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.15E-04	9.52E-05	
9	ECO 9	687219.7	4864249.3		5.96	8.91E-03	8.91E-04	37.15	631.71	0.01	9.79	21.29	5.34E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.55E-05	
10	ECO 10	686519.0	4861987.6		5.97	0.01	1.18E-03	37.19	631.72	0.02	9.80	21.29	7.07E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	6.02E-05	
11	ECO 11	679870.4	4859737.9		5.94	4.88E-03	4.88E-04	37.10	631.69	9.24E-03	9.79	21.28	2.93E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.49E-05	
12	Recreational 4	681575.5	4860557.7		5.99	0.02	1.68E-03	37.26	631.75	0.02	9.80	21.30	0.01	0.09	1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.59E-05	
13	Future Industrial 9	680704.5	4859857.8		5.97	0.01	1.10E-03	37.18	631.72	0.02	9.79	21.29	6.57E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.60E-05	
14	Future Industrial 10	680608.0	4860719.6		5.96	0.01	1.03E-03	37.17	631.72	0.02	9.80	21.29	6.18E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.26E-05	
15	Harmony Creek	673992.4	4865641.4		5.94	5.04E-03	5.04E-04	37.10	631.69	9.73E-03	9.79	21.28	3.02E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.58E-05	
16	Farewell Creek	678079.2	4868822.7		5.94	4.90E-03	4.90E-04	37.10	631.69	0.01	9.79	21.29	2.94E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.50E-05	
17	Farmer	681378.6	4860335.0		5.99	0.02	1.58E-03	37.25	631.74	0.02	9.80	21.30	9.49E-03	0.09	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	8.08E-05	
18	Watson Farm	682883.4	4864219.7		5.99	0.02	1.66E-03	37.26	631.75	0.02	9.80	21.30	9.94E-03	0.09	1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.47E-05	
19	Racanski Farm	678929.2	4865530.2		5.95	7.11E-03	7.11E-04	37.13	631.70	0.01	9.79	21.29	4.27E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.64E-05	
20	Zoo	687216.8	4864835.3		5.96	8.64E-03	8.64E-04	37.15	631.71	0.01	9.79	21.29	5.18E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.42E-05	
21	Cedar Crest Beach	686652.1	4861660.9		5.98	0.01	1.41E-03	37.22	631.74	0.02	9.80	21.29	8.48E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.22E-05	
22	Darlington Prov Park Beach	677844.6	4859718.2		5.96	0.01	1.05E-03	37.17	631.72	0.02	9.80	21.29	6.28E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.35E-05	
23	OPG 1	682258.1	4860045.0		5.99	0.02	1.77E-03	37.27	631.75	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.15E-04	9.04E-05	
24	OPG 2	682551.4	4859889.1		6.00	0.02	1.87E-03	37.29	631.76	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	9.58E-05	
25	OPG 3	682824.6	4859759.3		6.00	0.02	1.99E-03	37.30	631.76	0.02	9.80	21.30	0.01	0.11	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	1.02E-04	
26	OPG 4	683021.6	4859937.3		6.01	0.02	2.12E-03	37.32	631.77	0.03	9.80	21.30	0.01	0.12	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.17E-04	1.08E-04	
27	OPG 5	683318.2	4859677.8		5.99	0.02	1.83E-03	37.28	631.76	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.15E-04	9.34E-05	
28	OPG 6	683306.9	4860023.0		6.01	0.02	2.12E-03	37.32	631.77	0.03	9.80	21.30	0.01	0.12	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.17E-04	1.09E-04	
29	OPG 7	683718.6	4859915.8		6.00	0.02	1.93E-03	37.29	631.76	0.02	9.80	21.30	0.01	0.11	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	9.89E-05	
30	OPG 8	682702.0	4859998.6		6.00	0.02	1.98E-03	37.30	631.76	0.02	9.80	21.30	0.01	0.11	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	1.01E-04	
31	OPG 9	684347.7	4861184.6		5.99	0.02	1.68E-03	37.26	631.75	0.02	9.80	21.30	0.01	0.09	1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.60E-05	
32	OPG 10	682157.2	4861228.2		6.00	0.02	1.99E-03	37.30	631.76	0.03	9.81	21.30	0.01	0.11	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	1.01E-04	
33	St. Mary's 1	684557.0	4861070.0		5.99	0.02	1.77E-03	37.27	631.75	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.15E-04	9.06E-05	
34	St. Mary's 2	684657.3	4861320.8		5.98	0.02	1.55E-03	37.24	631.74	0.02	9.80	21.30	9.29E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	7.91E-05	
35	St. Mary's 3	684905.3	4861154.4		5.98	0.02	1.56E-03	37.24	631.74	0.02	9.80	21.30	9.34E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	7.96E-05	
36	Court. Subdivision 1	677328.4	4862976.1		5.96	9.42E-03	9.42E-04	37.16	631.71	0.02	9.80	21.29	5.65E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.81E-05	
37	Court. Subdivision 2	676187.9	4862611.1		5.96	0.01	1.05E-03	37.18	631.72	0.02	9.80	21.29	6.32E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.39E-05	
38	Court. Subdivision 3	675974.8	4863484.1		5.95	7.40E-03	7.40E-04	37.13	631.70	0.01	9.79	21.29	4.44E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.78E-05	
39	Court. Subdivision 4	676606.1	4863214.1		5.95	7.95E-03	7.95E-04	37.14	631.70	0.02	9.79	21.29	4.77E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.06E-05	
40	Court. Subdivision 5	676827.1	4863591.4		5.95	7.59E-03	7.59E-04	37.14	631.70	0.01	9.79	21.29	4.56E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.88E-05	
41	Court. Subdivision 6	677200.4	4864074.9		5.95	6.60E-03	6.60E-04	37.12	631.70	0.01	9.79	21.29	3.96E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.				



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
					Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	7.02E-09	8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04	3.90E-05	0.02		8.19E-04	5.38E-03									
		(m)	(m)		4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63	5.73												
					5.92			37.03	632		9.78	21.28				1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04	
55	Bow. Subdivision 10	685266.0	4863243.1		5.97	0.01	1.25E-03	37.20	631.73	0.02	9.80	21.29	7.50E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.39E-05
56	Osh/Court Subdivision 1	677396.8	4860977.3		6.00	0.02	2.07E-03	37.31	631.77	0.03	9.80	21.30	0.01	0.11		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.17E-04	1.06E-04
57	Osh/Court Subdivision 2	676633.5	4860816.8		5.98	0.01	1.50E-03	37.24	631.74	0.02	9.80	21.30	8.98E-03	0.08		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	7.65E-05
58	Osh/Court Subdivision 3	676916.0	4861925.0		5.97	0.01	1.31E-03	37.21	631.73	0.02	9.80	21.29	7.85E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.69E-05
59	Osh/Court Subdivision 4	676730.5	4861317.1		5.99	0.02	1.71E-03	37.26	631.75	0.02	9.80	21.30	0.01	0.09		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.74E-05
60	Osh/Court Subdivision 5	676087.2	4861392.3		5.98	0.01	1.42E-03	37.22	631.74	0.02	9.80	21.29	8.49E-03	0.08		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.23E-05
61	Osh/Court Subdivision 6	676177.1	4861722.2		5.98	0.01	1.33E-03	37.21	631.73	0.02	9.80	21.29	8.01E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.82E-05
62	Osh/Court Subdivision 7	675670.7	4861783.2		5.97	0.01	1.20E-03	37.20	631.72	0.02	9.80	21.29	7.20E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	6.14E-05
63	Osh/Court Subdivision 8	676050.8	4862055.7		5.97	0.01	1.19E-03	37.19	631.72	0.02	9.80	21.29	7.17E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	6.10E-05
64	Osh/Court Subdivision 9	676636.9	4862134.3		5.97	0.01	1.19E-03	37.19	631.72	0.02	9.80	21.29	7.15E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	6.09E-05
65	Osh/Court Subdivision 10	676571.3	4861634.8		5.98	0.01	1.42E-03	37.23	631.74	0.02	9.80	21.29	8.54E-03	0.08		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.27E-05
66	Bow. Subdivision 11	684649.2	4863182.7		5.98	0.01	1.36E-03	37.22	631.73	0.02	9.80	21.29	8.14E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.93E-05
67	Daycare B	685172.4	4863933.1		5.97	0.01	1.11E-03	37.18	631.72	0.02	9.80	21.29	6.65E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.66E-05
68	Daycare C	685452.0	4863104.4		5.97	0.01	1.20E-03	37.20	631.73	0.02	9.79	21.29	7.23E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	6.16E-05
69	Daycare D	685527.7	4864693.3		5.97	0.01	1.14E-03	37.19	631.72	0.02	9.80	21.29	6.81E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.80E-05
70	Daycare E	685735.4	4864790.8		5.97	0.01	1.09E-03	37.18	631.72	0.02	9.80	21.29	6.56E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.59E-05
71	Daycare F	685520.3	4864854.3		5.97	0.01	1.14E-03	37.19	631.72	0.02	9.80	21.29	6.83E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.82E-05
72	Daycare G	685441.9	4864878.0		5.97	0.01	1.15E-03	37.19	631.72	0.02	9.80	21.29	6.90E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.87E-05
73	Daycare H	686364.8	4864707.8		5.96	9.53E-03	9.53E-04	37.16	631.71	0.02	9.80	21.29	5.72E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.87E-05
74	Daycare I	685721.6	4865127.3		5.97	0.01	1.09E-03	37.18	631.72	0.02	9.80	21.29	6.53E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.56E-05
75	Daycare J	678256.3	4863565.4		5.96	8.36E-03	8.36E-04	37.15	631.71	0.02	9.79	21.29	5.01E-03	0.05		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.27E-05
76	Daycare K	677694.1	4864043.7		5.95	7.04E-03	7.04E-04	37.13	631.70	0.01	9.79	21.29	4.22E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.60E-05
77	Daycare L	676479.5	4862526.2		5.97	0.01	1.11E-03	37.18	631.72	0.02	9.80	21.29	6.64E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.66E-05
78	Daycare M	678320.9	4864763.5		5.95	6.20E-03	6.20E-04	37.12	631.70	0.01	9.79	21.29	3.72E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.17E-05
79	Daycare N	678513.4	4865058.0		5.95	6.03E-03	6.03E-04	37.11	631.70	0.01	9.79	21.29	3.62E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.08E-05
80	Daycare O	672788.7	4863936.6		5.95	5.53E-03	5.53E-04	37.11	631.69	0.01	9.79	21.29	3.32E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.83E-05
81	Daycare P	673952.8	4863592.5		5.95	6.30E-03	6.30E-04	37.12	631.70	0.01	9.79	21.29	3.78E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.22E-05
82	Daycare Q	671751.8	4864887.7		5.94	4.80E-03	4.80E-04	37.10	631.69	0.01	9.79	21.29	2.88E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.45E-05
83	Daycare R	685714.4	4864667.4		5.97	0.01	1.10E-03	37.18	631.72	0.02	9.80	21.29	6.61E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.63E-05
84	Daycare S	684177.9	4863618.2		5.98	0.01	1.46E-03	37.23	631.74	0.02	9.80	21.30	8.76E-03	0.08		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.46E-05
85	Daycare T	678423.6	4864480.4		5.95	6.79E-03	6.79E-04	37.13	631.70	0.01	9.79	21.29	4.07E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.47E-05
86	Daycare U	685330.5	4863435.1		5.97	0.01	1.20E-03	37.19	631.72	0.02	9.80	21.29	7.17E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	6.11E-05
87	Daycare V	685153.2	4863236.9		5.97	0.01	1.27E-03	37.20	631.73	0.02	9.80	21.29	7.63E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.50E-05
88	Daycare W	672679.0	4862044.9		5.95	7.08E-03	7.08E-04	37.13	631.70	0.01	9.79	21.29	4.25E-03	0.04		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.62E-05
89	Daycare X	672076.5	4865285.8		5.94	4.92E-03	4.92E-04	37.10	631.69	9.82E-03	9.79	21.28	2.95E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.51E-05
90	Daycare Y	672638.0	4859664.4		5.95	5.84E-03	5.84E-04	37.11	631.69	0.01	9.79	21.29	3.50E-03	0.03		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.98E-05
9																										

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
					Contaminant Total Emission Rate (g/s) From Both Stacks	4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63		5.73	7.02E-09		8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04	3.90E-05	0.02	8.19E-04
		(m)	(m)	Background Concentration (ug/m3)	5.92			37.03	632		9.78	21.28			1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04		
109	Hospital (Children [s])	676057.8	4862180.9		5.97	0.01	1.20E-03	37.19	631.72	0.02	9.80	21.29	7.19E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	6.12E-05	
110	Hospital	671233.2	4863615.9		5.95	6.28E-03	6.28E-04	37.12	631.70	0.01	9.79	21.29	3.77E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.21E-05	
111	Comm. Resp. Services	676045.4	4863902.5		5.95	6.82E-03	6.82E-04	37.13	631.70	0.01	9.79	21.29	4.09E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.48E-05	
112	Hospital	671712.7	4862364.1		5.95	6.47E-03	6.47E-04	37.12	631.70	0.01	9.79	21.29	3.88E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.31E-05	
113	Retirement Residence A	684199.9	4864120.3		5.98	0.01	1.42E-03	37.22	631.74	0.02	9.80	21.30	8.52E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.26E-05	
114	Retirement Residence B	685483.9	4865150.9		5.97	0.01	1.12E-03	37.18	631.72	0.02	9.80	21.29	6.72E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.72E-05	
115	Retirement Residence C	686844.0	4864732.1		5.96	9.09E-03	9.09E-04	37.16	631.71	0.02	9.79	21.29	5.46E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.65E-05	
116	Retirement Residence D	673481.7	4863343.4		5.95	6.30E-03	6.30E-04	37.12	631.70	0.01	9.79	21.29	3.78E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	3.22E-05	
117	Retirement Residence E	671825.2	4864399.0		5.94	4.97E-03	4.97E-04	37.10	631.69	0.01	9.79	21.29	2.98E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.54E-05	
118	Retirement Residence F	671606.3	4864536.0		5.94	4.89E-03	4.89E-04	37.10	631.69	0.01	9.79	21.29	2.93E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.50E-05	
119	Retirement Residence G	671357.1	4862958.7		5.95	6.62E-03	6.62E-04	37.12	631.70	0.01	9.79	21.29	3.97E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.38E-05	
120	Retirement Residence H	671514.0	4862262.9		5.95	6.24E-03	6.24E-04	37.12	631.70	0.01	9.79	21.29	3.74E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.19E-05	
121	Retirement Residence I	672602.2	4863075.9		5.95	6.96E-03	6.96E-04	37.13	631.70	0.01	9.79	21.29	4.18E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.56E-05	
122	Retirement Residence J	671719.1	4862893.1		5.95	6.78E-03	6.78E-04	37.12	631.70	0.01	9.79	21.29	4.07E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.46E-05	
123	Retirement Residence K	686718.0	4865648.7		5.96	9.28E-03	9.28E-04	37.16	631.71	0.02	9.80	21.29	5.57E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.74E-05	
124	Retirement Residence L	676168.7	4865669.9		5.94	5.08E-03	5.08E-04	37.10	631.69	0.01	9.79	21.29	3.05E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.60E-05	
125	Retirement Residence M	676118.5	4863980.7		5.95	6.70E-03	6.70E-04	37.12	631.70	0.01	9.79	21.29	4.02E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.42E-05	
126	Bow. Subdivision 12	684649.2	4863182.7		5.98	0.01	1.36E-03	37.22	631.73	0.02	9.80	21.29	8.14E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.93E-05	
127	Primary School B	685384.8	4863575.3		5.97	0.01	1.15E-03	37.19	631.72	0.02	9.80	21.29	6.93E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.90E-05	
128	Primary School C	685021.6	4863952.9		5.97	0.01	1.17E-03	37.19	631.72	0.02	9.80	21.29	7.00E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.97E-05	
129	Primary School D	686237.0	4864085.5		5.96	0.01	1.00E-03	37.17	631.72	0.02	9.79	21.29	6.02E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.13E-05	
130	Primary School E	686719.0	4863734.7		5.96	9.81E-03	9.81E-04	37.17	631.71	0.01	9.79	21.29	5.89E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.02E-05	
131	Primary School F	686357.0	4864754.9		5.96	9.53E-03	9.53E-04	37.16	631.71	0.02	9.80	21.29	5.72E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.87E-05	
132	Primary School G	685502.0	4865013.4		5.97	0.01	1.13E-03	37.19	631.72	0.02	9.80	21.29	6.79E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.78E-05	
133	Primary School H	686726.7	4866061.5		5.96	9.22E-03	9.22E-04	37.16	631.71	0.02	9.80	21.29	5.53E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.71E-05	
134	Primary School I	685186.2	4866568.2		5.96	9.68E-03	9.68E-04	37.16	631.71	0.02	9.80	21.29	5.81E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.95E-05	
135	Primary School J	685965.3	4866979.0		5.96	9.10E-03	9.10E-04	37.16	631.71	0.02	9.80	21.29	5.46E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.95E-05	
136	Primary School K	677709.9	4864726.5		5.95	6.16E-03	6.16E-04	37.12	631.70	0.01	9.79	21.29	3.70E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.15E-05	
137	Primary School L	675988.3	4864270.2		5.95	6.38E-03	6.38E-04	37.12	631.70	0.01	9.79	21.29	3.83E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.26E-05	
138	Primary School M	676608.7	4862739.0		5.96	0.01	1.01E-03	37.17	631.72	0.02	9.80	21.29	6.09E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.19E-05	
139	Primary School N	677222.2	4863759.1		5.95	7.44E-03	7.44E-04	37.13	631.70	0.01	9.79	21.29	4.46E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.80E-05	
140	Primary School O	678154.9	4863872.7		5.95	7.56E-03	7.56E-04	37.14	631.70	0.01	9.79	21.29	4.54E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.86E-05	
141	Court. Subdivision 12	678309.6	4863600.8		5.96	8.26E-03	8.26E-04	37.14	631.71	0.02	9.79	21.29	4.96E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.22E-05	
142	Primary School Q	677010.6	4862470.6		5.97	0.01	1.13E-03	37.19	631.72	0.02	9.80	21.29	6.80E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.79E-05	
143	Primary School R	677431.3	4866694.7		5.94	5.21E-03	5.21E-04	37.10	631.69	0.01	9.79	21.29	3.13E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.66E-05	
144	Primary School S	675266.2	4863562.9		5.95	7.33E-03	7.33E-04	37.13	631.70	0.01	9.79	21.29	4.40E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.74E-05	
145	Primary School T	673479.2	4860029.4		5.95	5.67E-03	5.67E-04	37.11	631.69	0.01	9.79	21.29	3.40E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.90E-05	
146	Primary School U	670856.0	4860710.6		5.94	5.19E-03	5.19E-04	37.10	631.69	0.01	9.79	21.29	3.11E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.65E-05	
147	Primary School V	672660.2	4863909.2		5.95	5.55E-03	5.55E-04	37.11	631.69	0.01	9.79	21.29	3.33E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.84E-05	
148	Primary School W	672735.2	4859232.9		5.95	6.35E-03	6.35E-04	37.12	631.70	0.01	9.79	21.29	3.81E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.25E-05	
149	Primary School X	673575.8	4862688.6		5.95	7.78E-03	7.78E-04	37.14																		

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
					Contaminant Total Emission Rate (g/s) From Both Stacks	4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63		5.73	7.02E-09		8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04	3.90E-05	0.02	8.19E-04
		(m)	(m)	Background Concentration (ug/m3)	5.92			37.03	632		9.78	21.28			1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04		
163	Primary School LL	673762.3	4864210.6		5.95	5.83E-03	5.83E-04	37.11	631.69	0.01	9.79	21.29	3.50E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.98E-05	
164	Primary School MM	672238.8	4864621.3		5.94	4.98E-03	4.98E-04	37.10	631.69	0.01	9.79	21.29	2.99E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.55E-05	
165	Primary School NN	673213.6	4858677.0		5.95	5.50E-03	5.50E-04	37.11	631.69	0.01	9.79	21.29	3.30E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.81E-05	
166	Primary School OO	675474.8	4863221.7		5.96	8.29E-03	8.29E-04	37.15	631.71	0.01	9.79	21.29	4.97E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.24E-05	
167	Primary School PP	672441.8	4858748.6		5.94	5.36E-03	5.36E-04	37.11	631.69	0.01	9.79	21.29	3.21E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.74E-05	
168	Primary School QQ	672796.8	4864438.2		5.94	5.21E-03	5.21E-04	37.10	631.69	0.01	9.79	21.29	3.13E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.66E-05	
169	Primary School RR	671351.4	4863284.0		5.95	6.56E-03	6.56E-04	37.12	631.70	0.01	9.79	21.29	3.93E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.35E-05	
170	Primary School SS	673213.9	4863125.5		5.95	7.71E-03	7.71E-04	37.14	631.70	0.01	9.79	21.29	4.62E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.94E-05	
171	Primary School TT	671017.9	4860953.7		5.94	5.16E-03	5.16E-04	37.10	631.69	0.01	9.79	21.29	3.10E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.64E-05	
172	Primary School UU	670991.0	4861089.8		5.94	5.08E-03	5.08E-04	37.10	631.69	0.01	9.79	21.29	3.05E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.60E-05	
173	Primary School VV	674150.1	4862294.8		5.96	9.06E-03	9.06E-04	37.16	631.71	0.01	9.79	21.29	5.44E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.63E-05	
174	Primary School WW	672005.2	4861707.9		5.95	5.96E-03	5.96E-04	37.11	631.69	0.01	9.79	21.29	3.58E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.05E-05	
175	Primary School XX	684172.1	4863615.6		5.98	0.01	1.46E-03	37.23	631.74	0.02	9.80	21.30	8.78E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.48E-05	
176	Primary School YY	683923.3	4866636.4		5.96	0.01	1.04E-03	37.17	631.72	0.02	9.80	21.29	6.27E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.34E-05	
177	Primary School ZZ	680446.0	4865770.5		5.96	8.04E-03	8.04E-04	37.14	631.71	0.02	9.80	21.29	4.83E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.11E-05	
178	Vacant School	685612.9	4864520.0		5.97	0.01	1.09E-03	37.18	631.72	0.02	9.80	21.29	6.54E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.57E-05	
179	Secondary School A	686291.4	4865064.3		5.96	9.63E-03	9.63E-04	37.16	631.71	0.02	9.80	21.29	5.78E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.92E-05	
180	Secondary School B	683875.0	4864741.7		5.98	0.01	1.37E-03	37.22	631.73	0.02	9.80	21.30	8.25E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.03E-05	
181	Secondary School C	684650.3	4866460.3		5.96	9.95E-03	9.95E-04	37.17	631.71	0.02	9.80	21.29	5.97E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.08E-05	
182	Secondary School D	678099.5	4864838.2		5.95	5.97E-03	5.97E-04	37.11	631.69	0.01	9.79	21.29	3.58E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.05E-05	
183	Secondary School E	678467.0	4863431.2		5.96	8.34E-03	8.34E-04	37.15	631.71	0.02	9.79	21.29	5.00E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.26E-05	
184	Secondary School F	674144.9	4862762.7		5.95	7.62E-03	7.62E-04	37.14	631.70	0.01	9.79	21.29	4.57E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.89E-05	
185	Secondary School G	673816.0	4864357.1		5.95	5.81E-03	5.81E-04	37.11	631.69	0.01	9.79	21.29	3.49E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.97E-05	
186	Secondary School H	673145.4	4858569.0		5.94	5.28E-03	5.28E-04	37.10	631.69	0.01	9.79	21.29	3.17E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.70E-05	
187	Secondary School I	671291.7	4863581.3		5.95	6.38E-03	6.38E-04	37.12	631.70	0.01	9.79	21.29	3.83E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.26E-05	
188	Secondary School J	671443.2	4861664.9		5.94	5.27E-03	5.27E-04	37.10	631.69	0.01	9.79	21.29	3.16E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.70E-05	
189	Secondary School K	673235.3	4860885.0		5.95	5.95E-03	5.95E-04	37.11	631.69	0.01	9.79	21.29	3.57E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.04E-05	
190	Secondary School L	684252.7	4866500.5		5.96	0.01	1.04E-03	37.17	631.72	0.02	9.80	21.29	6.23E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.31E-05	
191	Secondary School M	673914.1	4859551.7		5.95	7.48E-03	7.48E-04	37.13	631.70	0.01	9.79	21.29	4.49E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.82E-05	
192	Secondary School N	675051.5	4864177.2		5.95	6.59E-03	6.59E-04	37.12	631.70	0.01	9.79	21.29	3.96E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.37E-05	
193	Adult School	685276.1	4866019.8		5.96	9.81E-03	9.81E-04	37.17	631.71	0.02	9.80	21.29	5.89E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.01E-05	
194	Bow. Valley Cons. 1	685356.6	4864521.2		5.97	0.01	1.12E-03	37.18	631.72	0.02	9.80	21.29	6.70E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.71E-05	
195	Bow. Valley Cons. 2	685627.7	4864167.8		5.96	0.01	1.02E-03	37.17	631.72	0.02	9.80	21.29	6.11E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.21E-05	
196	Bow. Valley Cons. 4	685852.7	4863640.2		5.97	0.01	1.08E-03	37.18	631.72	0.01	9.79	21.29	6.49E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.53E-05	
197	Bow. Valley Cons. 5	686163.1	4863621.5		5.96	0.01	1.05E-03	37.18	631.72	0.01	9.79	21.29	6.31E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.37E-05	
198	Bow. Valley Cons. 6	685931.9	4863380.6		5.97	0.01	1.09E-03	37.18	631.72	0.01	9.79	21.29	6.56E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.59E-05	
199	Maple Grove 1	681688.5	4864717.0		5.96	0.01	1.02E-03	37.17	631.72	0.02	9.80	21.29	6.14E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.23E-05	
200	Maple Grove 2	681768.9	4864631.8		5.96	0.01	1.05E-03	37.18	631.72	0.02	9.80	21.29	6.30E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.37E-05	
201	Maple Grove 3	681894.9	4864506.8		5.97	0.01	1.06E-03	37.18	631.72	0.02	9.80	21.29	6.38E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.44E-05	
202	Maple Grove 4	681974.8	4864443.2		5.97	0.01	1.13E-03	37.19	631.72	0.02	9.80	21.29	6.75E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.75E-05	
203	Maple Grove 5	681942.2	4864676.7		5.96	0.01	1.02E-03	37.17	631.72</																	



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
					Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	7.02E-09	8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04	3.90E-05	0.02		8.19E-04	5.38E-03									
		(m)	(m)		4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63	5.73												
					5.92			37.03	632			9.78				1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04	
217	Port Darlington 9	686867.4	4862119.7		5.97	0.01	1.12E-03	37.18	631.72	0.02	9.79	21.29	6.72E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.72E-05
218	Port Darlington 10	687190.7	4862048.8		5.97	0.01	1.12E-03	37.18	631.72	0.02	9.80	21.29	6.72E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.72E-05
219	Port Darlington 11	687524.4	4862126.8		5.97	0.01	1.08E-03	37.18	631.72	0.02	9.79	21.29	6.49E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.53E-05
220	Campground 1	678646.3	4860337.7		6.02	0.02	2.41E-03	37.36	631.79	0.03	9.81	21.30	0.01	0.13		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.20E-04	1.23E-04
221	Campground 2	678410.2	4860148.6		5.99	0.02	1.74E-03	37.27	631.75	0.02	9.80	21.30	0.01	0.09		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.87E-05
222	Campground 3	678651.0	4860054.4		5.98	0.02	1.55E-03	37.24	631.74	0.02	9.80	21.30	9.28E-03	0.08		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	7.90E-05
223	Campground 4	678725.9	4859860.7		5.98	0.01	1.42E-03	37.22	631.74	0.02	9.80	21.30	8.49E-03	0.08		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.24E-05
224	Campground 5	678511.1	4859808.6		5.97	0.01	1.28E-03	37.21	631.73	0.02	9.80	21.29	7.65E-03	0.07		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.52E-05
225	Campground 6	678869.5	4859696.0		5.97	0.01	1.17E-03	37.19	631.72	0.02	9.80	21.29	7.02E-03	0.06		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.98E-05
226	Campground 7	678723.9	4860201.8		6.00	0.02	1.99E-03	37.30	631.76	0.02	9.80	21.30	0.01	0.11		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	1.02E-04
227	Campground 8	678796.0	4860011.4		5.98	0.01	1.49E-03	37.23	631.74	0.02	9.80	21.30	8.93E-03	0.08		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	7.60E-05
228	Campground 9	678852.7	4859854.2		5.98	0.01	1.43E-03	37.23	631.74	0.02	9.80	21.30	8.56E-03	0.08		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.29E-05
229	Solina 1	681099.6	4861677.2		6.01	0.02	2.09E-03	37.31	631.77	0.03	9.81	21.30	0.01	0.11		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.17E-04	1.07E-04
230	Solina 2	681115.7	4861857.7		6.01	0.02	2.12E-03	37.32	631.77	0.03	9.81	21.30	0.01	0.12		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.17E-04	1.08E-04
231	Solina 3	680987.4	4861983.5		5.99	0.02	1.74E-03	37.27	631.75	0.02	9.80	21.30	0.01	0.09		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.87E-05
232	Solina 4	680965.0	4862068.1		5.99	0.02	1.67E-03	37.26	631.75	0.02	9.80	21.30	0.01	0.09		1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.54E-05
233	Solina 5	681021.5	4862086.7		5.99	0.02	1.74E-03	37.27	631.75	0.02	9.80	21.30	0.01	0.09		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.89E-05
234	Solina 6	680939.8	4862124.3		5.99	0.02	1.62E-03	37.25	631.75	0.02	9.80	21.30	9.73E-03	0.09		1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.29E-05
235	Solina 7	680988.2	4862183.6		5.99	0.02	1.66E-03	37.26	631.75	0.02	9.80	21.30	9.97E-03	0.09		1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.49E-05
236	Solina 8	680984.6	4862209.8		5.99	0.02	1.64E-03	37.25	631.75	0.02	9.80	21.30	9.86E-03	0.09		1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.40E-05
237	Solina 9	680958.6	4862294.9		5.99	0.02	1.60E-03	37.25	631.74	0.02	9.80	21.30	9.58E-03	0.09		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	8.16E-05
238	Solina 10	680858.0	4862324.3		5.98	0.02	1.53E-03	37.24	631.74	0.02	9.80	21.30	9.20E-03	0.08		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	7.83E-05
239	Solina 11	680990.3	4862403.5		5.99	0.02	1.61E-03	37.25	631.75	0.02	9.80	21.30	9.63E-03	0.09		1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	8.21E-05
240	Recreational 1	681545.0	4860865.0		5.99	0.02	1.70E-03	37.26	631.75	0.02	9.80	21.30	0.01	0.09		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.66E-05
241	Recreational 2	681563.7	4860687.4		5.99	0.02	1.62E-03	37.25	631.75	0.02	9.80	21.30	9.69E-03	0.09		1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.26E-05
242	Recreational 3	681579.7	4860610.0		5.99	0.02	1.65E-03	37.25	631.75	0.02	9.80	21.30	9.87E-03	0.09		1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.41E-05
243	Recreational 6	681876.6	4860254.4		6.00	0.02	1.88E-03	37.29	631.76	0.02	9.80	21.30	0.01	0.10		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	9.12E-05
244	Recreational 7	682166.9	4860324.4		6.00	0.02	2.03E-03	37.31	631.77	0.03	9.80	21.30	0.01	0.11		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.17E-04	1.04E-04
245	Darlington 1	679565.4	4861052.9		6.00	0.02	1.88E-03	37.29	631.76	0.02	9.80	21.30	0.01	0.10		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	9.59E-05
246	Darlington 2	679452.9	4861051.4		6.00	0.02	1.91E-03	37.29	631.76	0.03	9.80	21.30	0.01	0.10		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	9.77E-05
247	Darlington 3	679130.5	4860948.8		6.01	0.02	2.20E-03	37.33	631.77	0.03	9.80	21.30	0.01	0.12		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.18E-04	1.12E-04
248	Darlington 4	679112.6	4860941.9		6.01	0.02	2.22E-03	37.33	631.78	0.03	9.80	21.30	0.01	0.12		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.18E-04	1.13E-04
249	Darlington 5	679057.6	4860994.1		6.01	0.02	2.25E-03	37.34	631.78	0.03	9.81	21.30	0.01	0.12		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.18E-04	1.15E-04
250	Darlington 6	679075.2	4860931.6		6.01	0.02	2.24E-03	37.34	631.78	0.03	9.81	21.30	0.01	0.12		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.18E-04	1.15E-04
251	Darlington 7	678814.3	4860843.1		6.03	0.03	2.70E-03	37.40	631.80	0.03	9.81	21.31	0.02	0.15		1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.99E-04	0.02	6.22E-04	1.38E-04
252	Darlington 8	678840.4	4860777.1		6.03	0.03	2.73E-03	37.40	631.80	0.03	9.81	21.31	0.02	0.15		1.68E-08	1.87E-05		0.11	2.94E-03	1.80E-03	4.95E-03	2.99E-04	0.02	6.22E-04	1.40E-04
253	Light Ind. 1	680000.1	4861034.1		5.98	0.02	1.56E-03	37.24	631.74																	



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
					Contaminant Total Emission Rate (g/s) From Both Stacks	4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63		5.73	7.02E-09		8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04	3.90E-05	0.02	8.19E-04
		(m)	(m)	Background Concentration (ug/m3)	5.92			37.03	632		9.78	21.28			1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04		
271	Future Industrial 5	679898.8	4860067.4		5.95	6.16E-03	6.16E-04	37.12	631.70	0.01	9.79	21.29	3.70E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.15E-05	
272	Future Industrial 6	680134.8	4860694.1		5.96	0.01	1.05E-03	37.17	631.72	0.02	9.80	21.29	6.30E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.37E-05	
273	Future Industrial 11	680253.7	4860255.2		5.95	6.58E-03	6.58E-04	37.12	631.70	0.01	9.79	21.29	3.95E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.37E-05	
274	Future Industrial 12	679901.2	4860511.8		5.97	0.01	1.06E-03	37.18	631.72	0.02	9.80	21.29	6.36E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.42E-05	
275	Commercial Farmer	679867.8	4860445.4		5.96	0.01	1.05E-03	37.17	631.72	0.02	9.80	21.29	6.27E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.34E-05	
276	Farmer	679277.0	4859981.5		5.97	0.01	1.15E-03	37.19	631.72	0.02	9.80	21.29	6.87E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.86E-05	
277	Residence	679387.2	4860648.9		6.01	0.02	2.21E-03	37.33	631.78	0.03	9.81	21.30	0.01	0.12	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.18E-04	1.13E-04	
278	Barn	679261.9	4860574.2		6.02	0.02	2.49E-03	37.37	631.79	0.03	9.81	21.30	0.01	0.14	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.20E-04	1.27E-04	
279	Residence	680150.7	4861295.7		5.98	0.02	1.52E-03	37.24	631.74	0.02	9.80	21.30	9.15E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	7.79E-05	
280	Residence	679939.8	4861213.4		5.99	0.02	1.60E-03	37.25	631.74	0.02	9.80	21.30	9.61E-03	0.09	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	8.18E-05	
281	Farmer	680855.7	4861456.9		5.99	0.02	1.80E-03	37.28	631.75	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.15E-04	9.21E-05	
282	Farmer	681386.2	4861673.3		6.03	0.03	2.64E-03	37.39	631.80	0.03	9.81	21.31	0.02	0.14	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.99E-04	0.02	6.21E-04	1.35E-04	
283	Residence	680683.5	4861597.9		5.99	0.02	1.59E-03	37.25	631.74	0.02	9.80	21.30	9.54E-03	0.09	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	8.13E-05	
284	Business	680064.3	4861343.7		5.98	0.02	1.56E-03	37.24	631.74	0.02	9.80	21.30	9.36E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	7.97E-05	
285	Farmer	679680.1	4861213.5		5.99	0.02	1.82E-03	37.28	631.76	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.15E-04	9.31E-05	
286	Farmer	681344.8	4861792.9		6.02	0.03	2.52E-03	37.37	631.79	0.03	9.81	21.31	0.02	0.14	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.21E-04	1.29E-04	
287	Youth Centre	685644.2	4864814.8		5.97	0.01	1.12E-03	37.18	631.72	0.02	9.80	21.29	6.70E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.70E-05	
288	Bowmanville Arena	685462.9	4864615.2		5.97	0.01	1.13E-03	37.19	631.72	0.02	9.80	21.29	6.81E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.80E-05	
289	Bowmanville Rec Complex	684160.3	4864604.5		5.98	0.01	1.32E-03	37.21	631.73	0.02	9.80	21.30	7.92E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.75E-05	
290	Recreation Complex	684586.6	4862406.3		5.97	0.01	1.30E-03	37.21	631.73	0.02	9.80	21.29	7.77E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.62E-05	
291	Superdog Central	681487.7	4865723.3		5.96	8.03E-03	8.03E-04	37.14	631.70	0.02	9.79	21.29	4.82E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.10E-05	
292	Equestrian Centre	681567.1	4863670.7		5.97	0.01	1.30E-03	37.21	631.73	0.02	9.80	21.29	7.77E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.62E-05	
293	Flea Market	678574.6	4862819.4		5.96	9.66E-03	9.66E-04	37.16	631.71	0.02	9.80	21.29	5.80E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.94E-05	
294	Equestrian Centre	680030.8	4867320.2		5.95	5.95E-03	5.95E-04	37.11	631.69	0.01	9.79	21.29	3.57E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.04E-05	
295	Courtice Community Complex	678099.3	4864629.8		5.95	6.10E-03	6.10E-04	37.12	631.70	0.01	9.79	21.29	3.66E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.12E-05	
296	Former Restaurant	679830.2	4860702.2		5.98	0.01	1.42E-03	37.22	631.74	0.02	9.80	21.30	8.50E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.24E-05	
297	Commercial	679364.8	4861016.0		6.00	0.02	1.89E-03	37.29	631.76	0.03	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	9.68E-05	
298	GM Oshawa Headquarters	676418.3	4860463.7		5.98	0.01	1.32E-03	37.21	631.73	0.02	9.80	21.29	7.91E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.74E-05	
299	Farm A?	682972.3	4862201.9		6.00	0.02	1.86E-03	37.28	631.76	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.15E-04	9.52E-05	
300	Farm B?	683546.9	4861959.7		5.99	0.02	1.66E-03	37.26	631.75	0.02	9.80	21.30	9.97E-03	0.09	1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.49E-05	
301	Farm C?	682547.5	4862321.1		6.01	0.02	2.33E-03	37.35	631.78	0.03	9.81	21.30	0.01	0.13	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.19E-04	1.19E-04	
302	Farm D?	683238.3	4862393.3		5.99	0.02	1.71E-03	37.26	631.75	0.02	9.80	21.30	0.01	0.09	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.75E-05	
303	Farm E?	682512.6	4862858.0		6.01	0.02	2.27E-03	37.34	631.78	0.03	9.81	21.30	0.01	0.12	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.19E-04	1.16E-04	
304	Farm F?	683129.1	4863649.4		5.99	0.02	1.79E-03	37.27	631.75	0.03	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.15E-04	9.12E-05	
305	Bennett 1	688209.3	4862512.1		5.96	9.34E-03	9.34E-04	37.16	631.71	0.01	9.79	21.29	5.60E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.77E-05	
306	Bennett 2	687990.0	4863221.3		5.96	8.19E-03	8.19E-04	37.14	631.71	0.01	9.79	21.29	4.92E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.19E-05	
307	Bennett 3	688818.4	4862836.3		5.95	7.95E-03	7.95E-04	37.14	631.70	0.01	9.79	21.29	4.77E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.06E-05	
308	Bennett 4	689045.1	4863365.5		5.95	7.77E-03	7.77E-04	37.14	631.70	0.01	9.79	21.29	4.66E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.97E-05	
309	Bennett 5	688270.5	4863763.1		5.96	8.40E-03	8.40E-04	37.15	631.71	0.01	9.79	21.29	5.04E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.29E-05	
310	Bennett 6	689908.5	4863100.5		5.95	7.18E-03	7.18E-04	37.13	631.70	0.01	9.79	21.29	4.31E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.67E-05	
311	Bennett 7	688929.9	4864392.0		5.96	8.93E-03	8.93E-04	37.15	631.71	0.01	9.79	21.29	5.36E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98				

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
					Contaminant Total Emission Rate (g/s) From Both Stacks	4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63		5.73	7.02E-09		8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04	3.90E-05	0.02	8.19E-04
		(m)	(m)	Background Concentration (ug/m3)	5.92			37.03	632		9.78	21.28			1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04		
325	Bowmanville 5	682452.2	4869417.5		5.94	5.32E-03	5.32E-04	37.11	631.69	0.01	9.79	21.29	3.19E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.72E-05	
326	Bowmanville 6	684778.5	4864888.2		5.97	0.01	1.21E-03	37.20	631.73	0.02	9.80	21.29	7.27E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	6.20E-05	
327	Bowmanville 7	684549.5	4866404.4		5.96	0.01	1.00E-03	37.17	631.72	0.02	9.80	21.29	6.02E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.13E-05	
328	Upper Tooley 1	679944.8	4864883.1		5.96	8.86E-03	8.86E-04	37.15	631.71	0.02	9.80	21.29	5.32E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.53E-05	
329	Upper Tooley 2	679055.1	4863885.8		5.96	8.13E-03	8.13E-04	37.14	631.71	0.01	9.79	21.29	4.88E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	4.16E-05	
330	Upper Tooley 3	679714.0	4862767.4		5.97	0.01	1.18E-03	37.19	631.72	0.02	9.80	21.29	7.08E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	6.03E-05	
331	Upper Tooley 4	678898.8	4861800.6		5.99	0.02	1.62E-03	37.25	631.75	0.02	9.80	21.30	9.69E-03	0.09	1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.26E-05	
332	Upper Tooley 5	680353.5	4862156.5		5.99	0.02	1.71E-03	37.26	631.75	0.02	9.80	21.30	0.01	0.09	1.68E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.14E-04	8.73E-05	
333	Upper Tooley 6	679818.1	4861625.7		5.98	0.01	1.44E-03	37.23	631.74	0.02	9.80	21.30	8.63E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.35E-05	
334	Robinson 1	678434.8	4860943.1		6.03	0.03	2.63E-03	37.39	631.80	0.03	9.81	21.31	0.02	0.14	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.99E-04	0.02	6.21E-04	1.35E-04	
335	Robinson 2	677752.6	4861240.6		6.00	0.02	1.90E-03	37.29	631.76	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.16E-04	9.70E-05	
336	Robinson 3	677642.2	4861787.2		5.98	0.02	1.51E-03	37.24	631.74	0.02	9.80	21.30	9.03E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	7.69E-05	
337	Robinson 4	678532.7	4862143.6		5.98	0.01	1.41E-03	37.22	631.74	0.02	9.80	21.30	8.45E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.20E-05	
338	Robinson 5	678005.1	4862784.9		5.96	0.01	1.03E-03	37.17	631.72	0.02	9.80	21.29	6.18E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.27E-05	
339	Robinson 6	677882.7	4860587.7		6.01	0.02	2.24E-03	37.33	631.78	0.03	9.81	21.30	0.01	0.12	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.18E-04	1.14E-04	
340	F/B 1	677443.1	4867862.1		5.94	4.57E-03	4.57E-04	37.10	631.69	0.01	9.79	21.29	2.74E-03	0.02	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.34E-05	
341	F/B 2	679667.4	4866611.4		5.95	6.64E-03	6.64E-04	37.12	631.70	0.01	9.79	21.29	3.98E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.39E-05	
342	F/B 3	678655.0	4867470.1		5.95	5.87E-03	5.87E-04	37.11	631.69	0.01	9.79	21.29	3.52E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.00E-05	
343	F/B 4	676191.2	4866844.7		5.94	4.76E-03	4.76E-04	37.10	631.69	0.01	9.79	21.29	2.86E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.43E-05	
344	F/B 5	678273.3	4866093.0		5.95	5.69E-03	5.69E-04	37.11	631.69	0.01	9.79	21.29	3.42E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.91E-05	
345	F/B 6	681241.2	4867098.8		5.95	6.82E-03	6.82E-04	37.13	631.70	0.01	9.79	21.29	4.09E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.48E-05	
346	F/B 7	682165.3	4868082.3		5.95	6.04E-03	6.04E-04	37.11	631.70	0.01	9.79	21.29	3.62E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.09E-05	
347	F/B 8	679366.6	4868628.3		5.94	5.28E-03	5.28E-04	37.10	631.69	0.01	9.79	21.29	3.17E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.70E-05	
348	F/B 9	680310.1	4869967.1		5.94	4.58E-03	4.58E-04	37.10	631.69	0.01	9.79	21.29	2.75E-03	0.02	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.34E-05	
349	F/B 10	676487.3	4869291.6		5.94	4.68E-03	4.68E-04	37.10	631.69	0.01	9.79	21.29	2.81E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.39E-05	
350	F/B 11	676851.4	4865409.3		5.95	5.60E-03	5.60E-04	37.11	631.69	0.01	9.79	21.29	3.36E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.86E-05	
351	F/B 12	681153.3	4868682.2		5.95	5.55E-03	5.55E-04	37.11	631.69	0.01	9.79	21.29	3.33E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.83E-05	
352	F/B 13	675416.3	4859833.9		5.96	9.28E-03	9.28E-04	37.16	631.71	0.01	9.79	21.29	5.57E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.74E-05	
353	Second 1	675153.4	4860552.8		5.96	9.12E-03	9.12E-04	37.16	631.71	0.01	9.79	21.29	5.47E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.66E-05	
354	Second 2	675297.5	4860891.3		5.96	9.79E-03	9.79E-04	37.17	631.71	0.02	9.79	21.29	5.87E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.00E-05	
355	Second 3	675647.2	4860644.9		5.96	0.01	1.04E-03	37.17	631.72	0.02	9.80	21.29	6.25E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.32E-05	
356	Second 4	675670.5	4860767.5		5.96	9.39E-03	9.39E-04	37.16	631.71	0.01	9.79	21.29	5.64E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.80E-05	
357	Second 5	676043.3	4860319.1		5.97	0.01	1.10E-03	37.18	631.72	0.02	9.79	21.29	6.60E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.63E-05	
358	Second 6	675923.4	4859821.4		5.96	0.01	1.05E-03	37.17	631.72	0.02	9.79	21.29	6.29E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.09E-04	5.35E-05	
359	McLaughlin Bay 1	676714.7	4860903.8		5.99	0.02	1.59E-03	37.25	631.74	0.02	9.80	21.30	9.56E-03	0.09	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	8.15E-05	
360	McLaughlin Bay 2	677310.8	4860528.2		5.99	0.02	1.82E-03	37.28	631.76	0.02	9.80	21.30	0.01	0.10	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.15E-04	9.28E-05	
361	McLaughlin Bay 3	676563.5	4860260.1		5.97	0.01	1.25E-03	37.20	631.73	0.02	9.80	21.29	7.48E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.37E-05	
362	McLaughlin Bay 4	676699.5	4859696.6		5.97	0.01	1.27E-03	37.20	631.73	0.02	9.80	21.29	7.63E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.50E-05	
363	McLaughlin Bay 5	677560.0	4860060.1		5.98	0.01	1.35E-03	37.22	631.73	0.02	9.80	21.29	8.10E-03	0.07	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.11E-04	6.90E-05	
364	McLaughlin Bay 6	678204.5	4859832.5		5.97	0.01	1.13E-03	37.19	631.72	0.02	9.80	21.29	6.75E-03	0.06	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.10E-04	5.75E-05	
365	Harmony Creek 1	674178.3	4861024.2		5.95	7.12E-03	7.12E-04	37.13	631.70	0.01	9.79	21.2														

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
					Contaminant Total Emission Rate (g/s) From Both Stacks	4.09	1.05	0.11	14.15	5.26	1.05	1.05	1.05	0.63		5.73	7.02E-09		8.44E-06	4.65E-03	3.20E-04	4.91E-05	2.47E-04	3.90E-05	0.02	8.19E-04
		(m)	(m)	Background Concentration (ug/m3)	5.92			37.03	632		9.78	21.28			1.66E-08	1.85E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.01E-04		
379	Darlington 5	683223.2	4861114.0		6.02	0.02	2.40E-03	37.36	631.78	0.03	9.81	21.30	0.01	0.13	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.20E-04	1.23E-04	
380	Darlington 6	683947.7	4862362.0		5.99	0.02	1.60E-03	37.25	631.74	0.02	9.80	21.29	9.59E-03	0.09	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.13E-04	8.17E-05	
381	Darlington 7	685361.9	4861143.4		5.98	0.01	1.45E-03	37.23	631.74	0.02	9.80	21.29	8.67E-03	0.08	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.12E-04	7.39E-05	
382	Bennett ECO/HH	688606.4	4862634.8		5.96	8.55E-03	8.55E-04	37.15	631.71	0.01	9.79	21.29	5.13E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.37E-05	
383	Oshawa ECO/HH	673884.9	4859128.9		5.95	7.41E-03	7.41E-04	37.13	631.70	0.01	9.79	21.29	4.45E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.07E-04	3.79E-05	
384	Oshawa Creek 1	671671.2	4862793.7		5.95	6.73E-03	6.73E-04	37.12	631.70	0.01	9.79	21.29	4.04E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.44E-05	
385	Oshawa Creek 2	671668.5	4861589.5		5.94	5.37E-03	5.37E-04	37.11	631.69	0.01	9.79	21.29	3.22E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.74E-05	
386	Oshawa Creek 3	672820.2	4861287.2		5.95	5.97E-03	5.97E-04	37.11	631.69	0.01	9.79	21.29	3.58E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.05E-05	
387	Oshawa Creek 4	672360.3	4860262.6		5.94	5.21E-03	5.21E-04	37.10	631.69	0.01	9.79	21.29	3.12E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.05E-04	2.66E-05	
388	Oshawa Creek 5	673921.2	4860115.0		5.95	6.12E-03	6.12E-04	37.12	631.70	0.01	9.79	21.29	3.67E-03	0.03	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.13E-05	
389	Oshawa Creek 6	673154.0	4859421.9		5.95	6.76E-03	6.76E-04	37.12	631.70	0.01	9.79	21.29	4.05E-03	0.04	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.06E-04	3.45E-05	
390	Farmer	677409.8	4861051.4		6.00	0.02	2.06E-03	37.31	631.77	0.03	9.80	21.30	0.01	0.11	1.68E-08	1.87E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.17E-04	1.05E-04	
391	Commercial Market	688276.3	4864698.5		5.96	8.55E-03	8.55E-04	37.15	631.71	0.01	9.79	21.29	5.13E-03	0.05	1.67E-08	1.86E-05		0.11	2.93E-03	1.80E-03	4.95E-03	2.98E-04	0.02	6.08E-04	4.37E-05	

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
					1.71E-03	5.96E-04	3.29E-03		2.24E-03	0.05	3.43E-04	2.93E-03		2.93E-03	7.70E-04	0.03	0.11		4.66E-03		0.02				4.10E-04	5.27E-05		
1	Campground 10	678526.8	4859996.8	4.93E-07	1.71E-03	6.05E-04	3.37E-03	2.31E-05	2.38E-03	0.05	3.48E-04	2.93E-03	6.01E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.94E-08	0.02	2.68E-07	8.06E-08	1.59E-07	4.11E-04	5.28E-05	2.08E-07	
2	ECO 2	675490.4	4860360.1	3.48E-07	1.71E-03	6.02E-04	3.34E-03	1.63E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.24E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.60E-08	0.02	1.89E-07	5.69E-08	1.12E-07	4.10E-04	5.28E-05	1.47E-07	
3	Recreational 5	681642.0	4860349.3	6.46E-07	1.72E-03	6.07E-04	3.39E-03	3.03E-05	2.42E-03	0.05	3.50E-04	2.93E-03	7.87E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	1.04E-07	0.02	3.51E-07	1.06E-07	2.08E-07	4.11E-04	5.28E-05	2.73E-07	
4	ECO 4	676831.5	4859840.9	4.23E-07	1.71E-03	6.03E-04	3.35E-03	1.98E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.15E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.80E-08	0.02	2.30E-07	6.91E-08	1.36E-07	4.11E-04	5.28E-05	1.79E-07	
5	Bow. Valley Cons. 3	685767.2	4863879.0	3.74E-07	1.71E-03	6.02E-04	3.35E-03	1.75E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.56E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.02E-08	0.02	2.03E-07	6.12E-08	1.20E-07	4.10E-04	5.28E-05	1.58E-07	
6	ECO 6	679647.8	4859989.3	2.71E-07	1.71E-03	6.01E-04	3.33E-03	1.27E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.30E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.36E-08	0.02	1.47E-07	4.43E-08	8.72E-08	4.10E-04	5.28E-05	1.15E-07	
7	ECO 7	681578.8	4862070.1	9.85E-07	1.72E-03	6.13E-04	3.44E-03	4.62E-05	2.51E-03	0.05	3.54E-04	2.93E-03	1.20E-04	2.98E-03	7.73E-04	0.03	0.11		4.67E-03	1.58E-07	0.02	5.35E-07	1.61E-07	3.17E-07	4.11E-04	5.29E-05	4.16E-07	
8	ECO 8	679735.5	4861048.6	6.62E-07	1.72E-03	6.08E-04	3.39E-03	3.10E-05	2.42E-03	0.05	3.50E-04	2.93E-03	8.07E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	1.07E-07	0.02	3.60E-07	1.08E-07	2.13E-07	4.11E-04	5.28E-05	2.80E-07	
9	ECO 9	687219.7	4864249.3	3.17E-07	1.71E-03	6.01E-04	3.34E-03	1.48E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.86E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.10E-08	0.02	1.72E-07	5.18E-08	1.02E-07	4.10E-04	5.28E-05	1.34E-07	
10	ECO 10	686519.0	4861987.6	4.19E-07	1.71E-03	6.03E-04	3.35E-03	1.96E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.10E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.74E-08	0.02	2.27E-07	6.85E-08	1.35E-07	4.11E-04	5.28E-05	1.77E-07	
11	ECO 11	679870.4	4859737.9	1.73E-07	1.71E-03	5.99E-04	3.32E-03	8.13E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.11E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.79E-08	0.02	9.42E-08	2.84E-08	5.58E-08	4.10E-04	5.28E-05	7.33E-08	
12	Recreational 4	681575.5	4860557.7	5.97E-07	1.72E-03	6.06E-04	3.38E-03	2.80E-05	2.40E-03	0.05	3.49E-04	2.93E-03	7.28E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.62E-08	0.02	3.25E-07	9.77E-08	1.92E-07	4.11E-04	5.28E-05	2.53E-07	
13	Future Industrial 9	680704.5	4859857.8	3.89E-07	1.71E-03	6.03E-04	3.35E-03	1.83E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.75E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.27E-08	0.02	2.12E-07	6.37E-08	1.25E-07	4.11E-04	5.28E-05	1.65E-07	
14	Future Industrial 10	680608.0	4860719.6	3.66E-07	1.71E-03	6.02E-04	3.35E-03	1.72E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.46E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.89E-08	0.02	1.99E-07	5.99E-08	1.18E-07	4.10E-04	5.28E-05	1.55E-07	
15	Harmony Creek	673992.4	4865641.4	1.79E-07	1.71E-03	5.99E-04	3.32E-03	8.40E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.18E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.88E-08	0.02	9.74E-08	2.93E-08	5.77E-08	4.10E-04	5.28E-05	7.58E-08	
16	Farewell Creek	678079.2	4868822.7	1.74E-07	1.71E-03	5.99E-04	3.32E-03	8.16E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.12E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.80E-08	0.02	9.46E-08	2.85E-08	5.60E-08	4.10E-04	5.28E-05	7.36E-08	
17	Farmer	681378.6	4860335.0	5.62E-07	1.72E-03	6.06E-04	3.38E-03	2.64E-05	2.39E-03	0.05	3.49E-04	2.93E-03	6.85E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.05E-08	0.02	3.05E-07	9.19E-08	1.81E-07	4.11E-04	5.28E-05	2.38E-07	
18	Watson Farm	682883.4	4864219.7	5.89E-07	1.72E-03	6.06E-04	3.38E-03	2.76E-05	2.40E-03	0.05	3.49E-04	2.93E-03	7.18E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.48E-08	0.02	3.20E-07	9.63E-08	1.90E-07	4.11E-04	5.28E-05	2.49E-07	
19	Racanski Farm	678929.2	4865530.2	2.53E-07	1.71E-03	6.00E-04	3.33E-03	1.19E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.08E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.07E-08	0.02	1.37E-07	4.14E-08	8.14E-08	4.10E-04	5.28E-05	1.07E-07	
20	Zoo	687216.8	4864835.3	3.07E-07	1.71E-03	6.01E-04	3.34E-03	1.44E-05	2.33E-03	0.05	3.46E-04	2.93E-03	3.74E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.94E-08	0.02	1.67E-07	5.02E-08	9.89E-08	4.10E-04	5.28E-05	1.30E-07	
21	Cedar Crest Beach	686652.1	4861660.9	5.03E-07	1.72E-03	6.05E-04	3.37E-03	2.36E-05	2.38E-03	0.05	3.48E-04	2.93E-03	6.12E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	8.09E-08	0.02	2.73E-07	8.22E-08	1.62E-07	4.11E-04	5.28E-05	2.12E-07	
22	Darlington Prov Park Beach	677844.6	4859718.2	3.72E-07	1.71E-03	6.02E-04	3.35E-03	1.74E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.53E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.99E-08	0.02	2.02E-07	6.08E-08	1.20E-07	4.10E-04	5.28E-05	1.57E-07	
23	OPG 1	682258.1	4860045.0	6.29E-07	1.72E-03	6.07E-04	3.39E-03	3.95E-05	2.41E-03	0.05	3.50E-04	2.93E-03	7.66E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	1.01E-07	0.02	3.42E-07	1.03E-07	2.02E-07	4.11E-04	5.28E-05	2.66E-07	
24	OPG 2	682551.4	4859889.1	6.66E-07	1.72E-03	6.08E-04	3.39E-03	3.12E-05	2.42E-03	0.05	3.50E-04	2.93E-03	8.12E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	1.07E-07	0.02	3.62E-07	1.09E-07	2.14E-07	4.11E-04	5.28E-05	2.82E-07	
25	OPG 3	682824.6	4859759.3	7.07E-07	1.72E-03	6.08E-04	3.40E-03	3.31E-05	2.43E-03	0.05	3.51E-04	2.93E-03	8.62E-05	2.97E-03	7.72E-04	0.03	0.11		4.67E-03	1.14E-07	0.02	3.84E-07	1.16E-07	2.28E-07	4.11E-04	5.28E-05	2.99E-07	
26	OPG 4	683021.6	4859937.3	7.52E-07	1.72E-03	6.09E-04	3.41E-03	3.53E-05	2.45E-03	0.05	3.51E-04	2.93E-03	9.17E-05	2.97E-03	7.72E-04	0.03	0.11		4.67E-03	1.21E-07	0.02	4.09E-07	1.23E-07	2.42E-07	4.11E-04	5.28E-05	3.18E-07	
27	OPG 5	683318.2	4859677.8	5.50E-07	1.72E-03	6.07E-04	3.39E-03	3.05E-05	2.42E-03	0.05	3.50E-04	2.93E-03	7.92E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	1.05E-07	0.02	3.53E-07	1.06E-07	2.09E-07	4.11E-04	5.28E-05	2.75E-07	
28	OPG 6	683306.9	4860023.0	7.55E-07	1.72E-03	6.09E-04	3.41E-03	3.54E-05	2.45E-03	0.05	3.51E-04	2.93E-03	9.20E-05	2.97E-03	7.72E-04	0.03	0.11		4.67E-03	1.22E-07	0.02	4.10E-07	1.23E-07	2.43E-07	4.11E-04	5.28E-05	3.19E-07	
29	OPG 7	683718.6	4859915.8	6.88E-07	1.72E-03	6.08E-04	3.40E-03	3.22E-05	2.43E-03	0.05	3.50E-04	2.93E-03	8.38E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	1.11E-07	0.02	3.74E-07	1.12E-07	2.21E-07	4.11E-04	5.28E-05	2.91E-07	
30	OPG 8	682702.0	4859998.6	7.05E-07	1.72E-03	6.08E-04	3.40E-03	3.30E-05	2.43E-03	0.05	3.51E-04	2.93E-03	8.59E-05	2.97E-03	7.72E-04	0.03	0.11		4.67E-03	1.13E-07	0.02	3.83E-07	1.15E-07	2.27E-07	4.11E-04	5.28E-05	2.98E-07	
31	OPG 9	684347.7	4861184.6	5.98E-07	1.72E-03	6.06E-04	3.38E-03	2.80E-05	2.40E-03	0.05	3.49																	



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
																			2.39E-04	6.02E-06	6.02E-06	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05	
		(m)	(m)	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		4.66E-03		0.02				4.10E-04	5.27E-05		
55	Bow. Subdivision 10	685266.0	4863243.1	4.45E-07	1.71E-03	6.04E-04	3.36E-03	2.08E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.42E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.16E-08	0.02	2.42E-07	7.27E-08	1.43E-07	4.11E-04	5.28E-05	1.88E-07	
56	Osh/Court Subdivision 1	677396.8	4860977.3	7.35E-07	1.72E-03	6.09E-04	3.40E-03	3.44E-05	2.44E-03	0.05	3.51E-04	2.93E-03	8.96E-05	2.97E-03	7.72E-04	0.03	0.11		4.67E-03	1.18E-07	0.02	3.99E-07	1.20E-07	2.37E-07	4.11E-04	5.28E-05	3.11E-07	
57	Osh/Court Subdivision 2	676633.5	4860816.8	5.32E-07	1.72E-03	6.05E-04	3.37E-03	2.49E-05	2.39E-03	0.05	3.49E-04	2.93E-03	6.49E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	8.57E-08	0.02	2.89E-07	8.70E-08	1.37E-07	4.11E-04	5.28E-05	2.25E-07	
58	Osh/Court Subdivision 3	676916.0	4861925.0	4.65E-07	1.71E-03	6.04E-04	3.36E-03	2.18E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.67E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.49E-08	0.02	2.53E-07	7.61E-08	1.50E-07	4.11E-04	5.28E-05	1.97E-07	
59	Osh/Court Subdivision 4	676730.5	4861317.1	6.08E-07	1.72E-03	6.07E-04	3.38E-03	2.85E-05	2.41E-03	0.05	3.50E-04	2.93E-03	7.41E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.78E-08	0.02	3.30E-07	9.94E-08	1.96E-07	4.11E-04	5.28E-05	2.57E-07	
60	Osh/Court Subdivision 5	676087.2	4861392.3	5.03E-07	1.72E-03	6.05E-04	3.37E-03	2.36E-05	2.38E-03	0.05	3.48E-04	2.93E-03	6.13E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	8.10E-08	0.02	2.73E-07	8.23E-08	1.62E-07	4.11E-04	5.28E-05	2.13E-07	
61	Osh/Court Subdivision 6	676177.1	4861722.2	4.74E-07	1.71E-03	6.04E-04	3.36E-03	2.22E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.78E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.64E-08	0.02	2.58E-07	7.76E-08	1.53E-07	4.11E-04	5.28E-05	2.01E-07	
62	Osh/Court Subdivision 7	675670.7	4861783.2	4.27E-07	1.71E-03	6.03E-04	3.36E-03	2.00E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.20E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.87E-08	0.02	2.32E-07	6.98E-08	1.37E-07	4.11E-04	5.28E-05	1.80E-07	
63	Osh/Court Subdivision 8	676050.8	4862055.7	4.25E-07	1.71E-03	6.03E-04	3.35E-03	1.99E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.18E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.83E-08	0.02	2.31E-07	6.94E-08	1.37E-07	4.11E-04	5.28E-05	1.80E-07	
64	Osh/Court Subdivision 9	676636.9	4862134.3	4.24E-07	1.71E-03	6.03E-04	3.35E-03	1.99E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.16E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.82E-08	0.02	2.30E-07	6.93E-08	1.36E-07	4.11E-04	5.28E-05	1.79E-07	
65	Osh/Court Subdivision 10	676571.3	4861634.8	5.06E-07	1.72E-03	6.05E-04	3.37E-03	2.37E-05	2.38E-03	0.05	3.49E-04	2.93E-03	6.17E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	8.14E-08	0.02	2.75E-07	8.27E-08	1.63E-07	4.11E-04	5.28E-05	2.14E-07	
66	Bow. Subdivision 11	684649.2	4863182.7	4.82E-07	1.71E-03	6.04E-04	3.36E-03	2.26E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.88E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.76E-08	0.02	2.62E-07	7.89E-08	1.55E-07	4.11E-04	5.28E-05	2.04E-07	
67	Daycare B	685172.4	4863933.1	3.94E-07	1.71E-03	6.03E-04	3.35E-03	1.85E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.80E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.34E-08	0.02	2.14E-07	6.44E-08	1.27E-07	4.11E-04	5.28E-05	1.67E-07	
68	Daycare C	685452.0	4863104.4	4.28E-07	1.71E-03	6.03E-04	3.36E-03	2.01E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.22E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.89E-08	0.02	2.33E-07	7.00E-08	1.38E-07	4.11E-04	5.28E-05	1.81E-07	
69	Daycare D	685527.7	4864693.3	4.04E-07	1.71E-03	6.03E-04	3.35E-03	1.89E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.92E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.50E-08	0.02	2.19E-07	6.60E-08	1.30E-07	4.11E-04	5.28E-05	1.71E-07	
70	Daycare E	685735.4	4864790.8	3.89E-07	1.71E-03	6.03E-04	3.35E-03	1.82E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.74E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.26E-08	0.02	2.11E-07	6.36E-08	1.25E-07	4.11E-04	5.28E-05	1.64E-07	
71	Daycare F	685520.3	4864854.3	4.05E-07	1.71E-03	6.03E-04	3.35E-03	1.90E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.93E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.51E-08	0.02	2.20E-07	6.62E-08	1.30E-07	4.11E-04	5.28E-05	1.71E-07	
72	Daycare G	685441.9	4864878.0	4.09E-07	1.71E-03	6.03E-04	3.35E-03	1.92E-05	2.35E-03	0.05	3.48E-04	2.93E-03	4.98E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.58E-08	0.02	2.22E-07	6.68E-08	1.32E-07	4.11E-04	5.28E-05	1.73E-07	
73	Daycare H	686364.8	4864707.8	3.39E-07	1.71E-03	6.02E-04	3.34E-03	1.59E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.13E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.46E-08	0.02	1.84E-07	5.54E-08	1.09E-07	4.10E-04	5.28E-05	1.43E-07	
74	Daycare I	685721.6	4865127.3	3.87E-07	1.71E-03	6.03E-04	3.35E-03	1.81E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.71E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.22E-08	0.02	2.10E-07	6.32E-08	1.24E-07	4.10E-04	5.28E-05	1.63E-07	
75	Daycare J	678256.3	4863565.4	2.97E-07	1.71E-03	6.01E-04	3.33E-03	1.39E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.62E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.78E-08	0.02	1.61E-07	4.86E-08	9.56E-08	4.10E-04	5.28E-05	1.26E-07	
76	Daycare K	677694.1	4864043.7	2.50E-07	1.71E-03	6.00E-04	3.33E-03	1.17E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.05E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.03E-08	0.02	1.36E-07	4.09E-08	8.05E-08	4.10E-04	5.28E-05	1.06E-07	
77	Daycare L	676479.5	4862526.2	3.94E-07	1.71E-03	6.03E-04	3.35E-03	1.85E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.80E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.33E-08	0.02	2.14E-07	6.44E-08	1.27E-07	4.11E-04	5.28E-05	1.66E-07	
78	Daycare M	678320.9	4864763.5	2.21E-07	1.71E-03	6.00E-04	3.32E-03	1.03E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.69E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.55E-08	0.02	1.20E-07	3.61E-08	7.10E-08	4.10E-04	5.28E-05	9.33E-08	
79	Daycare N	678513.4	4865058.0	2.15E-07	1.71E-03	6.00E-04	3.32E-03	1.01E-05	2.30E-03	0.05	3.45E-04	2.93E-03	2.62E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.45E-08	0.02	1.17E-07	3.51E-08	6.91E-08	4.10E-04	5.28E-05	9.07E-08	
80	Daycare O	672788.7	4863936.6	1.97E-07	1.71E-03	5.99E-04	3.32E-03	9.21E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.40E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.16E-08	0.02	1.07E-07	3.21E-08	6.33E-08	4.10E-04	5.28E-05	8.31E-08	
81	Daycare P	673952.8	4863592.5	2.24E-07	1.71E-03	6.00E-04	3.32E-03	1.05E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.73E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.61E-08	0.02	1.22E-07	3.66E-08	7.21E-08	4.10E-04	5.28E-05	9.47E-08	
82	Daycare Q	671751.8	4864887.7	1.71E-07	1.71E-03	5.99E-04	3.31E-03	7.99E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.08E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.74E-08	0.02	9.26E-08	2.79E-08	5.49E-08	4.10E-04	5.28E-05	7.21E-08	
83	Daycare R	685714.4	4864667.4	3.92E-07	1.71E-03	6.03E-04	3.35E-03	1.84E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.78E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.31E-08	0.02	2.13E-07	6.41E-08	1.26E-07	4.11E-04	5.28E-05	1.66E-07	
84	Daycare S	684177.9	4863618.2	5.19E-07	1.72E-03	6.05E-04	3.37E-03	2.43E-05	2.38E-03	0.05	3.49E-04	2.93E-03	6.33E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	8.35E-08	0.02	2.82E-07	8.49E-08	1.67E-07	4.11E-04	5.28E-05	2.19E-07	
85	Daycare T	678423.6	4864480.4	2.41E-07	1.71E-03	6.00E-04	3.33E-03	1.13E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.94E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.89E-08	0.02	1.31E-07	3.95E-08	7.77				

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
					1.71E-03	5.96E-04	3.29E-03		2.24E-03	0.05	3.43E-04	2.93E-03		2.93E-03	7.70E-04	0.03	0.11		4.66E-03		0.02				4.10E-04	5.27E-05		
109	Hospital (Children [s])	676057.8	4862180.9	4.26E-07	1.71E-03	6.03E-04	3.35E-03	2.00E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.19E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.86E-08	0.02	2.31E-07	6.97E-08	1.37E-07	4.11E-04	5.28E-05	1.80E-07	
110	Hospital	671233.2	4863615.9	2.23E-07	1.71E-03	6.00E-04	3.32E-03	1.05E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.72E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.59E-08	0.02	1.21E-07	3.65E-08	7.19E-08	4.10E-04	5.28E-05	9.44E-08	
111	Comm. Resp. Services	676045.4	4863902.5	2.42E-07	1.71E-03	6.00E-04	3.33E-03	1.14E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.95E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	3.90E-08	0.02	1.32E-07	3.96E-08	7.80E-08	4.10E-04	5.28E-05	1.02E-07	
112	Hospital	671712.7	4862364.1	2.30E-07	1.71E-03	6.00E-04	3.32E-03	1.08E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.80E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.70E-08	0.02	1.25E-07	3.76E-08	7.40E-08	4.10E-04	5.28E-05	9.72E-08	
113	Retirement Residence A	684199.9	4864120.3	5.05E-07	1.72E-03	6.05E-04	3.37E-03	2.37E-05	2.38E-03	0.05	3.49E-04	2.93E-03	6.15E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	8.12E-08	0.02	2.74E-07	8.25E-08	1.62E-07	4.11E-04	5.28E-05	2.13E-07	
114	Retirement Residence B	685483.9	4865150.9	3.98E-07	1.71E-03	6.03E-04	3.35E-03	1.87E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.85E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.41E-08	0.02	2.16E-07	6.51E-08	1.28E-07	4.11E-04	5.28E-05	1.68E-07	
115	Retirement Residence C	686844.0	4864732.1	3.23E-07	1.71E-03	6.01E-04	3.34E-03	1.52E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.94E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.20E-08	0.02	1.76E-07	5.29E-08	1.04E-07	4.10E-04	5.28E-05	1.37E-07	
116	Retirement Residence D	673481.7	4863343.4	2.24E-07	1.71E-03	6.00E-04	3.32E-03	1.05E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.73E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.60E-08	0.02	1.22E-07	3.66E-08	7.21E-08	4.10E-04	5.28E-05	9.46E-08	
117	Retirement Residence E	671825.2	4864399.0	1.77E-07	1.71E-03	5.99E-04	3.32E-03	8.28E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.15E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.84E-08	0.02	9.60E-08	2.89E-08	5.69E-08	4.10E-04	5.28E-05	7.47E-08	
118	Retirement Residence F	671606.3	4864536.0	1.74E-07	1.71E-03	5.99E-04	3.32E-03	8.15E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.12E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.80E-08	0.02	9.44E-08	2.84E-08	5.60E-08	4.10E-04	5.28E-05	7.35E-08	
119	Retirement Residence G	671357.1	4862958.7	2.35E-07	1.71E-03	6.00E-04	3.33E-03	1.10E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.87E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.79E-08	0.02	1.28E-07	3.85E-08	7.57E-08	4.10E-04	5.28E-05	9.95E-08	
120	Retirement Residence H	671514.0	4862262.9	2.22E-07	1.71E-03	6.00E-04	3.32E-03	1.04E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.70E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.57E-08	0.02	1.20E-07	3.63E-08	7.14E-08	4.10E-04	5.28E-05	9.37E-08	
121	Retirement Residence I	672602.2	4863075.9	2.47E-07	1.71E-03	6.00E-04	3.33E-03	1.16E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.02E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	3.98E-08	0.02	1.34E-07	4.05E-08	7.97E-08	4.10E-04	5.28E-05	1.05E-07	
122	Retirement Residence J	671719.1	4862893.1	2.41E-07	1.71E-03	6.00E-04	3.33E-03	1.13E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.94E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.88E-08	0.02	1.31E-07	3.94E-08	7.76E-08	4.10E-04	5.28E-05	1.02E-07	
123	Retirement Residence K	686718.0	4865648.7	3.30E-07	1.71E-03	6.02E-04	3.34E-03	1.55E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.02E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.31E-08	0.02	1.79E-07	5.39E-08	1.06E-07	4.10E-04	5.28E-05	1.39E-07	
124	Retirement Residence L	676168.7	4865669.9	1.81E-07	1.71E-03	5.99E-04	3.32E-03	8.46E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.20E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.91E-08	0.02	9.81E-08	2.95E-08	5.81E-08	4.10E-04	5.28E-05	7.63E-08	
125	Retirement Residence M	676118.5	4863980.7	2.38E-07	1.71E-03	6.00E-04	3.33E-03	1.12E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.90E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.83E-08	0.02	1.29E-07	3.89E-08	7.66E-08	4.10E-04	5.28E-05	1.01E-07	
126	Bow. Subdivision 12	684649.2	4863182.7	4.82E-07	1.71E-03	6.04E-04	3.36E-03	2.26E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.88E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.76E-08	0.02	2.62E-07	7.89E-08	1.55E-07	4.11E-04	5.28E-05	2.04E-07	
127	Primary School B	685384.8	4863575.3	4.10E-07	1.71E-03	6.03E-04	3.35E-03	1.92E-05	2.35E-03	0.05	3.48E-04	2.93E-03	5.00E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.61E-08	0.02	2.23E-07	6.71E-08	1.32E-07	4.11E-04	5.28E-05	1.74E-07	
128	Primary School C	685021.6	4863952.9	4.15E-07	1.71E-03	6.03E-04	3.35E-03	1.95E-05	2.35E-03	0.05	3.48E-04	2.93E-03	5.06E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.68E-08	0.02	2.25E-07	6.79E-08	1.34E-07	4.11E-04	5.28E-05	1.75E-07	
129	Primary School D	686237.0	4864085.5	3.57E-07	1.71E-03	6.02E-04	3.34E-03	1.67E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.35E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.74E-08	0.02	1.94E-07	5.83E-08	1.15E-07	4.10E-04	5.28E-05	1.51E-07	
130	Primary School E	686719.0	4863734.7	3.49E-07	1.71E-03	6.02E-04	3.34E-03	1.64E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.25E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.61E-08	0.02	1.90E-07	5.70E-08	1.12E-07	4.10E-04	5.28E-05	1.47E-07	
131	Primary School F	686357.0	4864754.9	3.39E-07	1.71E-03	6.02E-04	3.34E-03	1.59E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.13E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.45E-08	0.02	1.84E-07	5.54E-08	1.09E-07	4.10E-04	5.28E-05	1.43E-07	
132	Primary School G	685502.0	4865013.4	4.02E-07	1.71E-03	6.03E-04	3.35E-03	1.89E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.90E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.48E-08	0.02	2.19E-07	6.58E-08	1.30E-07	4.11E-04	5.28E-05	1.70E-07	
133	Primary School H	686726.7	4866061.5	3.28E-07	1.71E-03	6.02E-04	3.34E-03	1.54E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.00E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.28E-08	0.02	1.78E-07	5.36E-08	1.06E-07	4.10E-04	5.28E-05	1.39E-07	
134	Primary School I	685186.2	4866568.2	3.44E-07	1.71E-03	6.02E-04	3.34E-03	1.61E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.19E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.54E-08	0.02	1.87E-07	5.63E-08	1.11E-07	4.10E-04	5.28E-05	1.45E-07	
135	Primary School J	685965.3	4866979.0	3.24E-07	1.71E-03	6.01E-04	3.34E-03	1.52E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.94E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	5.21E-08	0.02	1.76E-07	5.29E-08	1.04E-07	4.10E-04	5.28E-05	1.37E-07	
136	Primary School K	677709.9	4864726.5	2.19E-07	1.71E-03	6.00E-04	3.32E-03	1.03E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.67E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.53E-08	0.02	1.19E-07	3.58E-08	7.06E-08	4.10E-04	5.28E-05	9.27E-08	
137	Primary School L	675988.3	4864270.2	2.27E-07	1.71E-03	6.00E-04	3.32E-03	1.06E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.77E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.65E-08	0.02	1.23E-07	3.71E-08	7.30E-08	4.10E-04	5.28E-05	9.59E-08	
138	Primary School M	676608.7	4862739.0	3.61E-07	1.71E-03	6.02E-04	3.34E-03	1.69E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.40E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	5.81E-08	0.02	1.96E-07	5.90E-08	1.16E-07	4.10E-04	5.28E-05	1.53E-07	
139	Primary School N	677222.2	4863759.1	2.64E-07	1.71E-03	6.00E-04	3.33E-03	1.24E																				

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
163	Primary School LL	673762.3	4864210.6	2.07E-07	1.71E-03	5.99E-04	3.32E-03	9.71E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.52E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.33E-08	0.02	1.13E-07	3.39E-08	6.67E-08	4.10E-04	5.28E-05	8.76E-08		
164	Primary School MM	672238.8	4864621.3	1.77E-07	1.71E-03	5.99E-04	3.32E-03	8.31E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.16E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.85E-08	0.02	9.63E-08	2.90E-08	5.70E-08	4.10E-04	5.28E-05	7.49E-08		
165	Primary School NN	673213.6	4858677.0	1.96E-07	1.71E-03	5.99E-04	3.32E-03	9.17E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.38E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.15E-08	0.02	1.06E-07	3.20E-08	6.30E-08	4.10E-04	5.28E-05	8.27E-08		
166	Primary School OO	675474.8	4863221.7	2.95E-07	1.71E-03	6.01E-04	3.33E-03	1.38E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.59E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	4.74E-08	0.02	1.60E-07	4.82E-08	9.49E-08	4.10E-04	5.28E-05	1.25E-07		
167	Primary School PP	672441.8	4858748.6	1.90E-07	1.71E-03	5.99E-04	3.32E-03	8.93E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.32E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.07E-08	0.02	1.03E-07	3.11E-08	6.13E-08	4.10E-04	5.28E-05	8.05E-08		
168	Primary School QQ	672796.8	4864438.2	1.85E-07	1.71E-03	5.99E-04	3.32E-03	8.69E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.26E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.98E-08	0.02	1.01E-07	3.03E-08	5.97E-08	4.10E-04	5.28E-05	7.84E-08		
169	Primary School RR	671351.4	4863284.0	2.33E-07	1.71E-03	6.00E-04	3.32E-03	1.09E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.84E-05	2.94E-03	7.70E-04	0.03	0.11	4.67E-03	3.75E-08	0.02	1.27E-07	3.81E-08	7.50E-08	4.10E-04	5.28E-05	9.85E-08		
170	Primary School SS	673213.9	4862125.5	2.74E-07	1.71E-03	6.01E-04	3.33E-03	1.28E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.34E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	4.41E-08	0.02	1.49E-07	4.48E-08	8.82E-08	4.10E-04	5.28E-05	1.16E-07		
171	Primary School TT	671017.9	4860953.7	1.83E-07	1.71E-03	5.99E-04	3.32E-03	8.60E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.24E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.95E-08	0.02	9.97E-08	3.00E-08	5.91E-08	4.10E-04	5.28E-05	7.76E-08		
172	Primary School UU	670991.0	4861089.8	1.81E-07	1.71E-03	5.99E-04	3.32E-03	8.47E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.20E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.91E-08	0.02	9.81E-08	2.95E-08	5.81E-08	4.10E-04	5.28E-05	7.63E-08		
173	Primary School VV	674150.1	4862294.8	3.22E-07	1.71E-03	6.01E-04	3.34E-03	1.51E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.93E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	5.18E-08	0.02	1.75E-07	5.27E-08	1.04E-07	4.10E-04	5.28E-05	1.36E-07		
174	Primary School WW	672005.2	4861707.9	2.12E-07	1.71E-03	5.99E-04	3.32E-03	9.94E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.58E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.41E-08	0.02	1.15E-07	3.47E-08	6.83E-08	4.10E-04	5.28E-05	8.96E-08		
175	Primary School XX	684172.1	4863615.6	5.20E-07	1.72E-03	6.05E-04	3.37E-03	2.44E-05	2.38E-03	0.05	3.49E-04	2.93E-03	6.34E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	8.38E-08	0.02	2.83E-07	8.51E-08	1.68E-07	4.11E-04	5.28E-05	2.20E-07		
176	Primary School YY	683923.3	4866636.4	3.72E-07	1.71E-03	6.02E-04	3.35E-03	1.74E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.53E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.98E-08	0.02	2.02E-07	6.08E-08	1.20E-07	4.10E-04	5.28E-05	1.57E-07		
177	Primary School ZZ	680446.0	4865770.5	2.86E-07	1.71E-03	6.01E-04	3.33E-03	1.34E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.49E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	4.60E-08	0.02	1.55E-07	4.68E-08	9.21E-08	4.10E-04	5.28E-05	1.21E-07		
178	Vacant School	685612.9	4864520.0	3.87E-07	1.71E-03	6.03E-04	3.35E-03	1.82E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.72E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	6.24E-08	0.02	2.10E-07	6.34E-08	1.25E-07	4.10E-04	5.28E-05	1.64E-07		
179	Secondary School A	686291.4	4865064.3	3.42E-07	1.71E-03	6.02E-04	3.34E-03	1.60E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.17E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.51E-08	0.02	1.86E-07	5.60E-08	1.10E-07	4.10E-04	5.28E-05	1.45E-07		
180	Secondary School B	683875.0	4864741.7	4.89E-07	1.71E-03	6.04E-04	3.36E-03	2.29E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.96E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	7.87E-08	0.02	2.66E-07	7.99E-08	1.57E-07	4.11E-04	5.28E-05	2.07E-07		
181	Secondary School C	684650.3	4866460.3	3.54E-07	1.71E-03	6.02E-04	3.34E-03	1.66E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.31E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.69E-08	0.02	1.92E-07	5.78E-08	1.14E-07	4.10E-04	5.28E-05	1.50E-07		
182	Secondary School D	678099.5	4864838.2	2.12E-07	1.71E-03	5.99E-04	3.32E-03	9.96E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.59E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.42E-08	0.02	1.15E-07	3.47E-08	6.84E-08	4.10E-04	5.28E-05	8.98E-08		
183	Secondary School E	678467.0	4863431.2	2.96E-07	1.71E-03	6.01E-04	3.33E-03	1.39E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.61E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	4.77E-08	0.02	1.61E-07	4.85E-08	9.54E-08	4.10E-04	5.28E-05	1.25E-07		
184	Secondary School F	674144.9	4862762.7	2.71E-07	1.71E-03	6.01E-04	3.33E-03	1.27E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.30E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	4.36E-08	0.02	1.47E-07	4.43E-08	8.71E-08	4.10E-04	5.28E-05	1.14E-07		
185	Secondary School G	673816.0	4864357.1	2.07E-07	1.71E-03	5.99E-04	3.32E-03	9.68E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.52E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.32E-08	0.02	1.12E-07	3.38E-08	6.65E-08	4.10E-04	5.28E-05	8.73E-08		
186	Secondary School H	673145.4	4858569.0	1.88E-07	1.71E-03	5.99E-04	3.32E-03	8.80E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.29E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.02E-08	0.02	1.02E-07	3.07E-08	6.04E-08	4.10E-04	5.28E-05	7.93E-08		
187	Secondary School I	671291.7	4863581.3	2.27E-07	1.71E-03	6.00E-04	3.32E-03	1.06E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.77E-05	2.94E-03	7.70E-04	0.03	0.11	4.67E-03	3.65E-08	0.02	1.23E-07	3.71E-08	7.31E-08	4.10E-04	5.28E-05	9.60E-08		
188	Secondary School J	671443.2	4861664.9	1.88E-07	1.71E-03	5.99E-04	3.32E-03	8.79E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.29E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.02E-08	0.02	1.02E-07	3.07E-08	6.04E-08	4.10E-04	5.28E-05	7.93E-08		
189	Secondary School K	673235.3	4860885.0	2.12E-07	1.71E-03	5.99E-04	3.32E-03	9.92E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.58E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.40E-08	0.02	1.15E-07	3.46E-08	6.81E-08	4.10E-04	5.28E-05	8.94E-08		
190	Secondary School L	684252.7	4866500.5	3.69E-07	1.71E-03	6.02E-04	3.35E-03	1.73E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.50E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.94E-08	0.02	2.01E-07	6.04E-08	1.19E-07	4.10E-04	5.28E-05	1.56E-07		
191	Secondary School M	673914.1	4859551.7	2.66E-07	1.71E-03	6.00E-04	3.33E-03	1.25E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.24E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	4.28E-08	0.02	1.45E-07	4.35E-08	8.56E-08	4.10E-04	5.28E-05	1.12E-07		
192	Secondary School N	675051.5	4864177.2	2.34E-07	1.71E-03	6.00E-04	3.32E-03	1.10E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.86E-05	2.94E-03	7.70E-04	0.03	0.11	4.67E-03	3.77E-08	0.02	1.27E-07	3.83E-08	7.55E-08	4.10E-04	5.28E-05	9.91E-08		
193	Adult School	685276.1	4866019.8	3.49E-07	1.71E-03	6.02E-04	3.34E-03	1.63E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.25E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.61E-08	0.02	1.89E-07	5.70E-08	1.12E-07	4.10E-04	5.28E-05	1.47E-07		
194	Bow. Valley Cons. 1	685356.6	4864521.2	3.97E-07	1.71E-03	6.03E-04	3.35E-03	1.86E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.84E-05</															



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
					1.71E-03	5.96E-04	3.29E-03		2.24E-03	0.05	3.43E-04	2.93E-03		2.93E-03	7.70E-04	0.03	0.11		4.66E-03		0.02				4.10E-04	5.27E-05		
217	Port Darlington 9	686867.4	4862119.7	3.98E-07	1.71E-03	6.03E-04	3.35E-03	1.87E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.85E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.41E-08	0.02	2.16E-07	6.51E-08	1.28E-07	4.11E-04	5.28E-05	1.68E-07	
218	Port Darlington 10	687190.7	4862048.8	3.98E-07	1.71E-03	6.03E-04	3.35E-03	1.87E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.85E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.41E-08	0.02	2.16E-07	6.51E-08	1.28E-07	4.11E-04	5.28E-05	1.68E-07	
219	Port Darlington 11	687524.4	4862126.8	3.85E-07	1.71E-03	6.03E-04	3.35E-03	1.80E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.69E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.19E-08	0.02	2.09E-07	6.29E-08	1.24E-07	4.10E-04	5.28E-05	1.63E-07	
220	Campground 1	678646.3	4860337.7	8.58E-07	1.72E-03	6.11E-04	3.42E-03	4.02E-05	2.48E-03	0.05	3.52E-04	2.93E-03	1.05E-04	2.97E-03	7.73E-04	0.03	0.11		4.67E-03	1.38E-07	0.02	4.66E-07	1.40E-07	2.76E-07	4.11E-04	5.29E-05	3.63E-07	
221	Campground 2	678410.2	4860148.6	6.17E-07	1.72E-03	6.07E-04	3.38E-03	2.89E-05	2.41E-03	0.05	3.50E-04	2.93E-03	7.52E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.93E-08	0.02	3.35E-07	1.01E-07	1.99E-07	4.11E-04	5.28E-05	2.61E-07	
222	Campground 3	678651.0	4860054.4	5.50E-07	1.72E-03	6.06E-04	3.37E-03	2.58E-05	2.39E-03	0.05	3.49E-04	2.93E-03	6.70E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	8.85E-08	0.02	2.99E-07	8.99E-08	1.77E-07	4.11E-04	5.28E-05	2.32E-07	
223	Campground 4	678725.9	4859860.7	5.03E-07	1.72E-03	6.05E-04	3.37E-03	2.36E-05	2.38E-03	0.05	3.48E-04	2.93E-03	6.14E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	8.10E-08	0.02	2.73E-07	8.23E-08	1.62E-07	4.11E-04	5.28E-05	2.13E-07	
224	Campground 5	678511.1	4859808.6	4.53E-07	1.71E-03	6.04E-04	3.36E-03	2.13E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.53E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	7.30E-08	0.02	2.46E-07	7.41E-08	1.46E-07	4.11E-04	5.28E-05	1.92E-07	
225	Campground 6	678869.5	4859696.0	4.16E-07	1.71E-03	6.03E-04	3.35E-03	1.95E-05	2.35E-03	0.05	3.48E-04	2.93E-03	5.07E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	6.70E-08	0.02	2.26E-07	6.80E-08	1.34E-07	4.11E-04	5.28E-05	1.76E-07	
226	Campground 7	678723.9	4860201.8	7.07E-07	1.72E-03	6.08E-04	3.40E-03	3.31E-05	2.43E-03	0.05	3.51E-04	2.93E-03	8.61E-05	2.97E-03	7.72E-04	0.03	0.11		4.67E-03	1.14E-07	0.02	3.84E-07	1.16E-07	2.27E-07	4.11E-04	5.28E-05	2.99E-07	
227	Campground 8	678796.0	4860011.4	5.29E-07	1.72E-03	6.05E-04	3.37E-03	2.48E-05	2.39E-03	0.05	3.49E-04	2.93E-03	6.45E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	8.51E-08	0.02	2.87E-07	8.65E-08	1.70E-07	4.11E-04	5.28E-05	2.24E-07	
228	Campground 9	678852.7	4859854.2	5.07E-07	1.72E-03	6.05E-04	3.37E-03	2.38E-05	2.38E-03	0.05	3.49E-04	2.93E-03	6.18E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	8.16E-08	0.02	2.75E-07	8.29E-08	1.63E-07	4.11E-04	5.28E-05	2.14E-07	
229	Solina 1	681099.6	4861677.2	7.43E-07	1.72E-03	6.09E-04	3.40E-03	3.48E-05	2.44E-03	0.05	3.51E-04	2.93E-03	9.06E-05	2.97E-03	7.72E-04	0.03	0.11		4.67E-03	1.20E-07	0.02	4.04E-07	1.21E-07	2.39E-07	4.11E-04	5.28E-05	3.14E-07	
230	Solina 2	681115.7	4861857.7	7.53E-07	1.72E-03	6.09E-04	3.41E-03	3.53E-05	2.45E-03	0.05	3.51E-04	2.93E-03	9.17E-05	2.97E-03	7.72E-04	0.03	0.11		4.67E-03	1.21E-07	0.02	4.09E-07	1.23E-07	2.42E-07	4.11E-04	5.28E-05	3.18E-07	
231	Solina 3	680987.4	4861983.5	6.17E-07	1.72E-03	6.07E-04	3.38E-03	2.89E-05	2.41E-03	0.05	3.50E-04	2.93E-03	7.52E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.93E-08	0.02	3.35E-07	1.01E-07	1.99E-07	4.11E-04	5.28E-05	2.61E-07	
232	Solina 4	680965.0	4862068.1	5.94E-07	1.72E-03	6.06E-04	3.38E-03	2.78E-05	2.40E-03	0.05	3.49E-04	2.93E-03	7.24E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.56E-08	0.02	3.23E-07	9.71E-08	1.91E-07	4.11E-04	5.28E-05	2.51E-07	
233	Solina 5	681021.5	4862086.7	6.18E-07	1.72E-03	6.07E-04	3.38E-03	2.90E-05	2.41E-03	0.05	3.50E-04	2.93E-03	7.53E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.95E-08	0.02	3.36E-07	1.01E-07	1.99E-07	4.11E-04	5.28E-05	2.61E-07	
234	Solina 6	680939.8	4862124.3	5.77E-07	1.72E-03	6.06E-04	3.38E-03	2.70E-05	2.40E-03	0.05	3.49E-04	2.93E-03	7.03E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.28E-08	0.02	3.13E-07	9.43E-08	1.86E-07	4.11E-04	5.28E-05	2.44E-07	
235	Solina 7	680988.2	4862183.6	5.91E-07	1.72E-03	6.06E-04	3.38E-03	2.77E-05	2.40E-03	0.05	3.49E-04	2.93E-03	7.20E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.51E-08	0.02	3.21E-07	9.66E-08	1.90E-07	4.11E-04	5.28E-05	2.50E-07	
236	Solina 8	680984.6	4862209.8	5.85E-07	1.72E-03	6.06E-04	3.38E-03	2.74E-05	2.40E-03	0.05	3.49E-04	2.93E-03	7.12E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.41E-08	0.02	3.18E-07	9.56E-08	1.88E-07	4.11E-04	5.28E-05	2.47E-07	
237	Solina 9	680958.6	4862294.9	5.68E-07	1.72E-03	6.06E-04	3.38E-03	2.66E-05	2.40E-03	0.05	3.49E-04	2.93E-03	6.92E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.14E-08	0.02	3.08E-07	9.28E-08	1.83E-07	4.11E-04	5.28E-05	2.40E-07	
238	Solina 10	680858.0	4862324.3	5.45E-07	1.72E-03	6.05E-04	3.37E-03	2.55E-05	2.39E-03	0.05	3.49E-04	2.93E-03	6.64E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	8.77E-08	0.02	2.96E-07	8.91E-08	1.75E-07	4.11E-04	5.28E-05	2.30E-07	
239	Solina 11	680990.3	4862403.5	5.71E-07	1.72E-03	6.06E-04	3.38E-03	2.68E-05	2.40E-03	0.05	3.49E-04	2.93E-03	6.96E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.19E-08	0.02	3.10E-07	9.34E-08	1.84E-07	4.11E-04	5.28E-05	2.41E-07	
240	Recreational 1	681545.0	4860865.0	6.03E-07	1.72E-03	6.07E-04	3.38E-03	2.83E-05	2.41E-03	0.05	3.50E-04	2.93E-03	7.35E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.70E-08	0.02	3.27E-07	9.86E-08	1.94E-07	4.11E-04	5.28E-05	2.55E-07	
241	Recreational 2	681563.7	4860687.4	5.74E-07	1.72E-03	6.06E-04	3.38E-03	2.69E-05	2.40E-03	0.05	3.49E-04	2.93E-03	7.00E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.24E-08	0.02	3.12E-07	9.39E-08	1.85E-07	4.11E-04	5.28E-05	2.43E-07	
242	Recreational 3	681579.7	4860610.0	5.85E-07	1.72E-03	6.06E-04	3.38E-03	2.74E-05	2.40E-03	0.05	3.49E-04	2.93E-03	7.13E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.41E-08	0.02	3.18E-07	9.57E-08	1.88E-07	4.11E-04	5.28E-05	2.47E-07	
243	Recreational 6	681876.6	4860254.4	6.69E-07	1.72E-03	6.08E-04	3.39E-03	3.14E-05	2.42E-03	0.05	3.50E-04	2.93E-03	8.16E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	1.08E-07	0.02	3.63E-07	1.09E-07	2.15E-07	4.11E-04	5.28E-05	2.83E-07	
244	Recreational 7	682166.9	4860324.4	7.21E-07	1.72E-03	6.09E-04	3.40E-03	3.38E-05	2.44E-03	0.05	3.51E-04	2.93E-03	8.78E-05	2.97E-03	7.72E-04	0.03	0.11		4.67E-03	1.16E-07	0.02	3.91E-07	1.18E-07	2.32E-07	4.11E-04	5.28E-05	3.05E-07	
245	Darlington 1	679565.4	4861052.9	6.67E-07	1.72E-03	6.08E-04	3.39E-03	3.13E-05	2.42E-03	0.05	3.50E-04	2.93E-03	8.13E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	1.07E-07	0.02	3.62E-07	1.09E-07	2.15E-07	4.11E-04	5.28E-05	2.82E-07	
246	Darlington 2	679452.9	4861051.4	6.80E-07	1.72E-03	6.08E-04	3.39E-03	3.19E-05	2.43E-03	0.05	3.50E-04	2.93E-03	8.28E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	1.09E-07	0.02	3.69E-07	1.11E-07	2.19E-07	4.11E-04	5.28E-05	2.87E-07	
247	Darlington 3	679130.5	4860948.8	7.82E-07	1.72E-03	6.10E-04	3.41E																					



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
		(m)	(m)	3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05											
271	Future Industrial 5	679898.8	4860067.4	2.19E-07	1.71E-03	6.00E-04	3.32E-03	1.03E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.67E-05	2.94E-03	7.70E-04	0.03	0.11	4.67E-03	3.53E-08	0.02	1.19E-07	3.58E-08	7.05E-08	4.10E-04	5.28E-05	9.26E-08		
272	Future Industrial 6	680134.8	4860694.1	3.74E-07	1.71E-03	6.02E-04	3.35E-03	1.75E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.55E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	6.01E-08	0.02	2.03E-07	6.11E-08	1.20E-07	4.10E-04	5.28E-05	1.58E-07		
273	Future Industrial 11	680253.7	4860255.2	2.34E-07	1.71E-03	6.00E-04	3.32E-03	1.10E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.85E-05	2.94E-03	7.70E-04	0.03	0.11	4.67E-03	3.77E-08	0.02	1.27E-07	3.83E-08	7.54E-08	4.10E-04	5.28E-05	9.90E-08		
274	Future Industrial 12	679901.2	4860511.8	3.77E-07	1.71E-03	6.02E-04	3.35E-03	1.77E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.60E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	6.07E-08	0.02	2.05E-07	6.17E-08	1.21E-07	4.10E-04	5.28E-05	1.59E-07		
275	Commercial Farmer	679867.8	4860445.4	3.72E-07	1.71E-03	6.02E-04	3.35E-03	1.74E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.53E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.98E-08	0.02	2.02E-07	6.08E-08	1.20E-07	4.10E-04	5.28E-05	1.57E-07		
276	Farmer	679277.0	4859981.5	4.07E-07	1.71E-03	6.03E-04	3.35E-03	1.91E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.96E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	6.56E-08	0.02	2.21E-07	6.66E-08	1.31E-07	4.11E-04	5.28E-05	1.72E-07		
277	Residence	679387.2	4860648.9	7.86E-07	1.72E-03	6.10E-04	3.41E-03	3.68E-05	2.46E-03	0.05	3.51E-04	2.93E-03	9.57E-05	2.97E-03	7.72E-04	0.03	0.11	4.67E-03	1.26E-07	0.02	4.27E-07	1.28E-07	2.53E-07	4.11E-04	5.29E-05	3.32E-07		
278	Barn	679261.9	4860574.2	8.84E-07	1.72E-03	6.12E-04	3.43E-03	4.14E-05	2.48E-03	0.05	3.52E-04	2.93E-03	1.08E-04	2.98E-03	7.73E-04	0.03	0.11	4.67E-03	1.42E-07	0.02	4.80E-07	1.45E-07	2.84E-07	4.11E-04	5.29E-05	3.74E-07		
279	Residence	680150.7	4861295.7	5.42E-07	1.72E-03	6.05E-04	3.37E-03	2.54E-05	2.39E-03	0.05	3.49E-04	2.93E-03	6.61E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	8.72E-08	0.02	2.94E-07	8.86E-08	1.74E-07	4.11E-04	5.28E-05	2.29E-07		
280	Residence	679939.8	4861213.4	5.69E-07	1.72E-03	6.06E-04	3.38E-03	2.67E-05	2.40E-03	0.05	3.49E-04	2.93E-03	6.94E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	9.16E-08	0.02	3.09E-07	9.31E-08	1.83E-07	4.11E-04	5.28E-05	2.41E-07		
281	Farmer	680855.7	4861456.9	6.41E-07	1.72E-03	6.07E-04	3.39E-03	3.00E-05	2.42E-03	0.05	3.50E-04	2.93E-03	7.81E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	1.03E-07	0.02	3.48E-07	1.05E-07	2.06E-07	4.11E-04	5.28E-05	2.71E-07		
282	Farmer	681386.2	4861673.3	9.39E-07	1.72E-03	6.13E-04	3.44E-03	4.40E-05	2.50E-03	0.05	3.53E-04	2.93E-03	1.14E-04	2.98E-03	7.73E-04	0.03	0.11	4.67E-03	1.51E-07	0.02	5.10E-07	1.54E-07	3.02E-07	4.11E-04	5.29E-05	3.97E-07		
283	Residence	680683.5	4861597.9	5.65E-07	1.72E-03	6.06E-04	3.38E-03	2.65E-05	2.40E-03	0.05	3.49E-04	2.93E-03	6.89E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	9.10E-08	0.02	3.07E-07	9.25E-08	1.82E-07	4.11E-04	5.28E-05	2.39E-07		
284	Business	680064.3	4861343.7	5.55E-07	1.72E-03	6.06E-04	3.37E-03	2.60E-05	2.39E-03	0.05	3.49E-04	2.93E-03	6.76E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	8.93E-08	0.02	3.01E-07	9.07E-08	1.79E-07	4.11E-04	5.28E-05	2.34E-07		
285	Farmer	679680.1	4861213.5	6.48E-07	1.72E-03	6.07E-04	3.39E-03	3.04E-05	2.42E-03	0.05	3.50E-04	2.93E-03	7.89E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	1.04E-07	0.02	3.52E-07	1.06E-07	2.08E-07	4.11E-04	5.28E-05	2.74E-07		
286	Farmer	681344.8	4861792.9	8.96E-07	1.72E-03	6.12E-04	3.43E-03	4.20E-05	2.49E-03	0.05	3.53E-04	2.93E-03	1.09E-04	2.98E-03	7.73E-04	0.03	0.11	4.67E-03	1.44E-07	0.02	4.86E-07	1.46E-07	2.88E-07	4.11E-04	5.29E-05	3.79E-07		
287	Youth Centre	685644.2	4864814.8	3.97E-07	1.71E-03	6.03E-04	3.35E-03	1.86E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.84E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	6.39E-08	0.02	2.16E-07	6.49E-08	1.28E-07	4.11E-04	5.28E-05	1.68E-07		
288	Bowmanville Arena	685462.9	4864615.2	4.03E-07	1.71E-03	6.03E-04	3.35E-03	1.89E-05	2.35E-03	0.05	3.47E-04	2.93E-03	4.92E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	6.49E-08	0.02	2.19E-07	6.60E-08	1.30E-07	4.11E-04	5.28E-05	1.71E-07		
289	Bowmanville Rec Complex	684160.3	4864604.5	4.69E-07	1.71E-03	6.04E-04	3.36E-03	2.20E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.72E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	7.55E-08	0.02	2.55E-07	7.68E-08	1.51E-07	4.11E-04	5.28E-05	1.98E-07		
290	Recreation Complex	684586.6	4862406.3	4.61E-07	1.71E-03	6.04E-04	3.36E-03	2.16E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.61E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	7.41E-08	0.02	2.50E-07	7.53E-08	1.48E-07	4.11E-04	5.28E-05	1.95E-07		
291	Superdog Central	681487.7	4865723.3	2.85E-07	1.71E-03	6.01E-04	3.33E-03	1.34E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.48E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	4.59E-08	0.02	1.55E-07	4.67E-08	9.19E-08	4.10E-04	5.28E-05	1.21E-07		
292	Equestrian Centre	681567.1	4863670.7	4.61E-07	1.71E-03	6.04E-04	3.36E-03	2.16E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.61E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	7.41E-08	0.02	2.50E-07	7.53E-08	1.48E-07	4.11E-04	5.28E-05	1.95E-07		
293	Flea Market	678574.6	4862819.4	3.44E-07	1.71E-03	6.02E-04	3.34E-03	1.61E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.19E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.53E-08	0.02	1.87E-07	5.62E-08	1.11E-07	4.10E-04	5.28E-05	1.45E-07		
294	Equestrian Centre	680030.8	4867320.2	2.12E-07	1.71E-03	5.99E-04	3.32E-03	9.92E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.58E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.40E-08	0.02	1.15E-07	3.46E-08	6.81E-08	4.10E-04	5.28E-05	8.94E-08		
295	Courtice Community Complex	678099.3	4864629.8	2.17E-07	1.71E-03	6.00E-04	3.32E-03	1.02E-05	2.30E-03	0.05	3.45E-04	2.93E-03	2.64E-05	2.94E-03	7.70E-04	0.03	0.11	4.67E-03	3.49E-08	0.02	1.18E-07	3.54E-08	6.98E-08	4.10E-04	5.28E-05	9.16E-08		
296	Former Restaurant	679830.2	4860702.2	5.04E-07	1.72E-03	6.05E-04	3.37E-03	2.36E-05	2.38E-03	0.05	3.49E-04	2.93E-03	6.14E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	8.11E-08	0.02	2.74E-07	8.24E-08	1.62E-07	4.11E-04	5.28E-05	2.13E-07		
297	Commercial	679364.8	4861016.0	6.73E-07	1.72E-03	6.08E-04	3.39E-03	3.16E-05	2.42E-03	0.05	3.50E-04	2.93E-03	8.21E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	1.08E-07	0.02	3.66E-07	1.10E-07	2.17E-07	4.11E-04	5.28E-05	2.85E-07		
298	GM Oshawa Headquarters	676418.3	4860463.7	4.69E-07	1.71E-03	6.04E-04	3.36E-03	2.20E-05	2.37E-03	0.05	3.48E-04	2.93E-03	5.71E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	7.54E-08	0.02	2.55E-07	7.66E-08	1.51E-07	4.11E-04	5.28E-05	1.98E-07		
299	Farm A?	682972.3	4862201.9	6.62E-07	1.72E-03	6.08E-04	3.39E-03	3.10E-05	2.42E-03	0.05	3.50E-04	2.93E-03	8.07E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	1.07E-07	0.02	3.60E-07	1.08E-07	2.13E-07	4.11E-04	5.28E-05	2.80E-07		
300	Farm B?	683546.9	4861959.7	5.91E-07	1.72E-03	6.06E-04	3.38E-03	2.77E-05	2.40E-03	0.05	3.49E-04	2.93E-03	7.20E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	9.51E-08	0.02	3.21E-07	9.66E-08	1.90E-07	4.11E-04	5.28E-05	2.50E-07		
301	Farm C?	682547.5	4862321.1	8.30E-07	1.72E-03	6.11E-04	3.42E-03	3.89E-05	2.47E-03	0.05	3.52E-04	2.93E-03	1.01E-04	2.97E-03	7.73E-04	0.03	0.11	4.67E-03	1.34E-07	0.02	4.51E-07	1.36E-07	2.67E-07	4.11E-04	5.29E-05	3.51E-07		
302	Farm D?	683238.3	4862393.3	6.09E-07	1.72E-03	6.07E-04	3.38E-03	2.85E-05	2.41E-03	0.05	3.50E-04	2.93E-03	7.42E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03										

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
325	Bowmanville 5	682452.2	4869417.5	1.89E-07	1.71E-03	5.99E-04	3.32E-03	8.87E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.31E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.05E-08	0.02	1.03E-07	3.09E-08	6.09E-08	4.10E-04	5.28E-05	8.00E-08		
326	Bowmanville 6	684778.5	4864888.2	4.31E-07	1.71E-03	6.03E-04	3.36E-03	2.02E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.25E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	6.94E-08	0.02	2.34E-07	7.05E-08	1.39E-07	4.11E-04	5.28E-05	1.82E-07		
327	Bowmanville 7	684549.5	4866404.4	3.57E-07	1.71E-03	6.02E-04	3.34E-03	1.67E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.35E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.74E-08	0.02	1.94E-07	5.83E-08	1.15E-07	4.10E-04	5.28E-05	1.51E-07		
328	Upper Tooley 1	679944.8	4864883.1	3.15E-07	1.71E-03	6.01E-04	3.34E-03	1.48E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.84E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	5.07E-08	0.02	1.71E-07	5.15E-08	1.01E-07	4.10E-04	5.28E-05	1.33E-07		
329	Upper Tooley 2	679055.1	4863885.8	2.89E-07	1.71E-03	6.01E-04	3.33E-03	1.36E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.52E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	4.65E-08	0.02	1.57E-07	4.73E-08	9.31E-08	4.10E-04	5.28E-05	1.22E-07		
330	Upper Tooley 3	679714.0	4862767.4	4.20E-07	1.71E-03	6.03E-04	3.35E-03	1.97E-05	2.36E-03	0.05	3.48E-04	2.93E-03	5.11E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	6.75E-08	0.02	2.28E-07	6.86E-08	1.35E-07	4.11E-04	5.28E-05	1.77E-07		
331	Upper Tooley 4	678898.8	4861800.6	5.74E-07	1.72E-03	6.06E-04	3.38E-03	2.69E-05	2.40E-03	0.05	3.49E-04	2.93E-03	7.00E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	9.24E-08	0.02	3.12E-07	9.39E-08	1.85E-07	4.11E-04	5.28E-05	2.43E-07		
332	Upper Tooley 5	680353.5	4862156.5	6.07E-07	1.72E-03	6.07E-04	3.38E-03	2.85E-05	2.41E-03	0.05	3.50E-04	2.93E-03	7.40E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	9.77E-08	0.02	3.30E-07	9.93E-08	1.95E-07	4.11E-04	5.28E-05	2.57E-07		
333	Upper Tooley 6	679818.1	4861625.7	5.12E-07	1.72E-03	6.05E-04	3.37E-03	2.40E-05	2.38E-03	0.05	3.49E-04	2.93E-03	6.23E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	8.23E-08	0.02	2.78E-07	8.36E-08	1.65E-07	4.11E-04	5.28E-05	2.16E-07		
334	Robinson 1	678434.8	4860943.1	9.37E-07	1.72E-03	6.13E-04	3.43E-03	4.39E-05	2.50E-03	0.05	3.53E-04	2.93E-03	1.14E-04	2.98E-03	7.73E-04	0.03	0.11	4.67E-03	1.51E-07	0.02	5.09E-07	1.53E-07	3.02E-07	4.11E-04	5.29E-05	3.96E-07		
335	Robinson 2	677752.6	4861240.6	6.75E-07	1.72E-03	6.08E-04	3.39E-03	3.16E-05	2.43E-03	0.05	3.50E-04	2.93E-03	8.22E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	1.09E-07	0.02	3.67E-07	1.10E-07	2.17E-07	4.11E-04	5.28E-05	2.85E-07		
336	Robinson 3	677642.2	4861787.2	5.35E-07	1.72E-03	6.05E-04	3.37E-03	2.51E-05	2.39E-03	0.05	3.49E-04	2.93E-03	6.52E-05	2.96E-03	7.72E-04	0.03	0.11	4.67E-03	8.61E-08	0.02	2.91E-07	8.75E-08	1.72E-07	4.11E-04	5.28E-05	2.26E-07		
337	Robinson 4	678532.7	4862143.6	5.01E-07	1.72E-03	6.05E-04	3.37E-03	2.35E-05	2.38E-03	0.05	3.48E-04	2.93E-03	6.10E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	8.06E-08	0.02	2.72E-07	8.19E-08	1.61E-07	4.11E-04	5.28E-05	2.12E-07		
338	Robinson 5	678005.1	4862784.9	3.66E-07	1.71E-03	6.02E-04	3.35E-03	1.72E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.46E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.90E-08	0.02	1.99E-07	5.99E-08	1.18E-07	4.10E-04	5.28E-05	1.55E-07		
339	Robinson 6	677882.7	4860587.7	7.95E-07	1.72E-03	6.10E-04	3.41E-03	3.73E-05	2.46E-03	0.05	3.52E-04	2.93E-03	9.69E-05	2.97E-03	7.73E-04	0.03	0.11	4.67E-03	1.28E-07	0.02	4.32E-07	1.30E-07	2.56E-07	4.11E-04	5.29E-05	3.36E-07		
340	F/B 1	677443.1	4867862.1	1.62E-07	1.71E-03	5.99E-04	3.31E-03	7.62E-06	2.29E-03	0.05	3.45E-04	2.93E-03	1.98E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.61E-08	0.02	8.83E-08	2.66E-08	5.23E-08	4.10E-04	5.28E-05	6.87E-08		
341	F/B 2	679667.4	4866611.4	2.36E-07	1.71E-03	6.00E-04	3.33E-03	1.11E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.88E-05	2.94E-03	7.70E-04	0.03	0.11	4.67E-03	3.80E-08	0.02	1.28E-07	3.86E-08	7.60E-08	4.10E-04	5.28E-05	9.98E-08		
342	F/B 3	678655.0	4867470.1	2.09E-07	1.71E-03	5.99E-04	3.32E-03	9.78E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.54E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.36E-08	0.02	1.13E-07	3.41E-08	6.71E-08	4.10E-04	5.28E-05	8.82E-08		
343	F/B 4	676191.2	4866844.7	1.69E-07	1.71E-03	5.99E-04	3.31E-03	7.93E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.06E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.72E-08	0.02	9.19E-08	2.77E-08	5.45E-08	4.10E-04	5.28E-05	7.15E-08		
344	F/B 5	678273.3	4866093.0	2.02E-07	1.71E-03	5.99E-04	3.32E-03	9.49E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.47E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.26E-08	0.02	1.10E-07	3.31E-08	6.52E-08	4.10E-04	5.28E-05	8.56E-08		
345	F/B 6	681241.2	4867098.8	2.42E-07	1.71E-03	6.00E-04	3.33E-03	1.14E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.95E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	3.90E-08	0.02	1.32E-07	3.96E-08	7.80E-08	4.10E-04	5.28E-05	1.02E-07		
346	F/B 7	682165.3	4868082.3	2.15E-07	1.71E-03	6.00E-04	3.32E-03	1.01E-05	2.30E-03	0.05	3.45E-04	2.93E-03	2.62E-05	2.94E-03	7.70E-04	0.03	0.11	4.67E-03	3.46E-08	0.02	1.17E-07	3.51E-08	6.91E-08	4.10E-04	5.28E-05	9.08E-08		
347	F/B 8	679366.6	4868628.3	1.88E-07	1.71E-03	5.99E-04	3.32E-03	8.80E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.29E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.02E-08	0.02	1.02E-07	3.07E-08	6.04E-08	4.10E-04	5.28E-05	7.94E-08		
348	F/B 9	680310.1	4869967.1	1.63E-07	1.71E-03	5.99E-04	3.31E-03	7.63E-06	2.29E-03	0.05	3.45E-04	2.93E-03	1.98E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.62E-08	0.02	8.85E-08	2.66E-08	5.24E-08	4.10E-04	5.28E-05	6.88E-08		
349	F/B 10	676487.3	4869291.6	1.66E-07	1.71E-03	5.99E-04	3.31E-03	7.79E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.03E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	2.68E-08	0.02	9.03E-08	2.72E-08	5.35E-08	4.10E-04	5.28E-05	7.03E-08		
350	F/B 11	676851.4	4865409.3	1.99E-07	1.71E-03	5.99E-04	3.32E-03	9.34E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.43E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.21E-08	0.02	1.08E-07	3.26E-08	6.41E-08	4.10E-04	5.28E-05	8.42E-08		
351	F/B 12	681153.3	4868682.2	1.97E-07	1.71E-03	5.99E-04	3.32E-03	9.24E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.40E-05	2.94E-03	7.70E-04	0.03	0.11	4.66E-03	3.17E-08	0.02	1.07E-07	3.22E-08	6.35E-08	4.10E-04	5.28E-05	8.34E-08		
352	F/B 13	675416.3	4859833.9	3.30E-07	1.71E-03	6.02E-04	3.34E-03	1.55E-05	2.33E-03	0.05	3.47E-04	2.93E-03	4.02E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	5.31E-08	0.02	1.79E-07	5.39E-08	1.06E-07	4.10E-04	5.28E-05	1.39E-07		
353	Second 1	675153.4	4860552.8	3.24E-07	1.71E-03	6.02E-04	3.34E-03	1.52E-05	2.33E-03	0.05	3.47E-04	2.93E-03	3.95E-05	2.94E-03	7.71E-04	0.03	0.11	4.67E-03	5.22E-08	0.02	1.76E-07	5.30E-08	1.04E-07	4.10E-04	5.28E-05	1.37E-07		
354	Second 2	675297.5	4860891.3	3.48E-07	1.71E-03	6.02E-04	3.34E-03	1.63E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.24E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.60E-08	0.02	1.89E-07	5.69E-08	1.12E-07	4.10E-04	5.28E-05	1.47E-07		
355	Second 3	675647.2	4860644.9	3.70E-07	1.71E-03	6.02E-04	3.35E-03	1.73E-05	2.34E-03	0.05	3.47E-04	2.93E-03	4.51E-05	2.95E-03	7.71E-04	0.03	0.11	4.67E-03	5.96E-08	0.02	2.01E-07	6.05E-08	1.19E-07	4.10E-04	5.28E-05	1.56E-07		
356	Second 4	675670.5	4860076.5	3.34E-07	1.71E-03	6.02E-04	3.34E-03	1.57E-05	2.33E-03	0.05	3.47E-04																	

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compound)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V,	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
		(m)	(m)																									
				3.74E-05	2.63E-04	6.78E-04	5.85E-03	1.75E-03	0.01	5.38E-03	3.92E-04	5.61E-05	4.56E-03	2.06E-03	1.36E-04	0.02	0.05		2.39E-04	6.02E-06	6.02E-06	2.03E-05	6.12E-06	1.20E-05	2.41E-05	6.02E-06	1.58E-05	
					1.71E-03	5.96E-04	3.29E-03		2.24E-03	0.05	3.43E-04	2.93E-03		2.93E-03	7.70E-04	0.03	0.11		4.66E-03		0.02				4.10E-04	5.27E-05		
379	Darlington 5	683223.2	4861114.0	8.53E-07	1.72E-03	6.11E-04	3.42E-03	4.00E-05	2.47E-03	0.05	3.52E-04	2.93E-03	1.04E-04	2.97E-03	7.73E-04	0.03	0.11		4.67E-03	1.37E-07	0.02	4.63E-07	1.39E-07	2.74E-07	4.11E-04	5.29E-05	3.60E-07	
380	Darlington 6	683947.7	4862362.0	5.68E-07	1.72E-03	6.06E-04	3.38E-03	2.66E-05	2.40E-03	0.05	3.49E-04	2.93E-03	6.93E-05	2.96E-03	7.72E-04	0.03	0.11		4.67E-03	9.15E-08	0.02	3.09E-07	9.29E-08	1.83E-07	4.11E-04	5.28E-05	2.40E-07	
381	Darlington 7	685361.9	4861143.4	5.14E-07	1.72E-03	6.05E-04	3.37E-03	2.41E-05	2.38E-03	0.05	3.49E-04	2.93E-03	6.27E-05	2.95E-03	7.71E-04	0.03	0.11		4.67E-03	8.27E-08	0.02	2.79E-07	8.41E-08	1.65E-07	4.11E-04	5.28E-05	2.17E-07	
382	Bennett ECO/HH	688606.4	4862634.8	3.04E-07	1.71E-03	6.01E-04	3.34E-03	1.42E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.70E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.89E-08	0.02	1.65E-07	4.97E-08	9.78E-08	4.10E-04	5.28E-05	1.28E-07	
383	Oshawa ECO/HH	673884.9	4859128.9	2.64E-07	1.71E-03	6.00E-04	3.33E-03	1.24E-05	2.31E-03	0.05	3.46E-04	2.93E-03	3.21E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.24E-08	0.02	1.43E-07	4.31E-08	8.48E-08	4.10E-04	5.28E-05	1.11E-07	
384	Oshawa Creek 1	671671.2	4862793.7	2.39E-07	1.71E-03	6.00E-04	3.33E-03	1.12E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.92E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.85E-08	0.02	1.30E-07	3.91E-08	7.70E-08	4.10E-04	5.28E-05	1.01E-07	
385	Oshawa Creek 2	671668.5	4861589.5	1.91E-07	1.71E-03	5.99E-04	3.32E-03	8.95E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.33E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.07E-08	0.02	1.04E-07	3.12E-08	6.15E-08	4.10E-04	5.28E-05	8.07E-08	
386	Oshawa Creek 3	672820.2	4861287.2	2.12E-07	1.71E-03	5.99E-04	3.32E-03	9.95E-06	2.30E-03	0.05	3.45E-04	2.93E-03	2.59E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	3.42E-08	0.02	1.15E-07	3.47E-08	6.83E-08	4.10E-04	5.28E-05	8.97E-08	
387	Oshawa Creek 4	672360.3	4860262.6	1.85E-07	1.71E-03	5.99E-04	3.32E-03	8.68E-06	2.29E-03	0.05	3.45E-04	2.93E-03	2.26E-05	2.94E-03	7.70E-04	0.03	0.11		4.66E-03	2.98E-08	0.02	1.01E-07	3.03E-08	5.96E-08	4.10E-04	5.28E-05	7.83E-08	
388	Oshawa Creek 5	673921.2	4860115.0	2.18E-07	1.71E-03	6.00E-04	3.32E-03	1.02E-05	2.30E-03	0.05	3.46E-04	2.93E-03	2.65E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.50E-08	0.02	1.18E-07	3.56E-08	7.01E-08	4.10E-04	5.28E-05	9.21E-08	
389	Oshawa Creek 6	673154.0	4859421.9	2.40E-07	1.71E-03	6.00E-04	3.33E-03	1.13E-05	2.31E-03	0.05	3.46E-04	2.93E-03	2.93E-05	2.94E-03	7.70E-04	0.03	0.11		4.67E-03	3.87E-08	0.02	1.31E-07	3.93E-08	7.73E-08	4.10E-04	5.28E-05	1.02E-07	
390	Farmer	677409.8	4861051.4	7.31E-07	1.72E-03	6.09E-04	3.40E-03	3.43E-05	2.44E-03	0.05	3.51E-04	2.93E-03	8.91E-05	2.97E-03	7.72E-04	0.03	0.11		4.67E-03	1.18E-07	0.02	3.97E-07	1.20E-07	2.35E-07	4.11E-04	5.28E-05	3.09E-07	
391	Commercial Market	688276.3	4864698.5	3.04E-07	1.71E-03	6.01E-04	3.34E-03	1.42E-05	2.32E-03	0.05	3.46E-04	2.93E-03	3.70E-05	2.94E-03	7.71E-04	0.03	0.11		4.67E-03	4.89E-08	0.02	1.65E-07	4.97E-08	9.78E-08	4.10E-04	5.28E-05	1.29E-07	



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Acenapht	Acenapht	Anthrac	Benzo(a)	Benzo(b)f	Benzo(k)f	Benzo(a)fl	Benzo(b)fl	Benzo(ghi	Benzo(a)p	Benzo(e)p	Biphenyl	2-	Chrysene	Coronene	Dibenzo(a	Dibenzo(a	Dibenzo(a	9,10 -	7,12 -	Fluoranth	Fluorine	Indeno(1,	2 -	3 -	
				hylene	hene	ene	nthracen	luoranthe	luoranthe	perylene	pyrene	pyrene	urene	luorene	perylene	pyrene	pyrene	urene	chlorona	Chrysene	Coronene	,c)anthrac	,h)anthra	,e)pyrene	dimethyla	dimethyl	ene	ene	cd)pyrene
		(m)	(m)	1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07		3.13E-06	1.42E-07				4.87E-06	3.66E-06	8.82E-07			
				1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04		5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.82E-08	5.63E-05	1.13E-04	2.25E-03	
1	Campground 10	678526.8	4859996.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.13E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.82E-08	5.63E-05	1.13E-04	2.25E-03	
2	ECO 2	675490.4	4860360.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.91E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.40E-08	5.63E-05	1.13E-04	2.25E-03	
3	Recreational 5	681642.0	4860349.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.41E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.32E-08	5.63E-05	1.13E-04	2.25E-03	
4	ECO 4	676831.5	4859840.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.54E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.13E-08	5.63E-05	1.13E-04	2.25E-03	
5	Bow. Valley Cons. 3	685767.2	4863879.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.13E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.66E-08	5.63E-05	1.13E-04	2.25E-03	
6	ECO 6	679647.8	4859989.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.27E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.65E-08	5.63E-05	1.13E-04	2.25E-03	
7	ECO 7	681578.8	4862070.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.86E-05	5.63E-05	1.13E-04	5.30E-04	1.13E-04	6.47E-05	1.13E-04	8.25E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	9.63E-08	5.64E-05	1.13E-04	2.25E-03	
8	ECO 8	679735.5	4861048.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.55E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.48E-08	5.64E-05	1.13E-04	2.25E-03	
9	ECO 9	687219.7	4864249.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.65E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.10E-08	5.63E-05	1.13E-04	2.25E-03	
10	ECO 10	686519.0	4861987.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.51E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.10E-08	5.63E-05	1.13E-04	2.25E-03	
11	ECO 11	679870.4	4859737.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.45E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.70E-08	5.63E-05	1.13E-04	2.25E-03	
12	Recreational 4	681575.5	4860557.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	5.00E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.84E-08	5.64E-05	1.13E-04	2.25E-03	
13	Future Industrial 9	680704.5	4859857.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.26E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.81E-08	5.63E-05	1.13E-04	2.25E-03	
14	Future Industrial 10	680608.0	4860719.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.07E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.58E-08	5.63E-05	1.13E-04	2.25E-03	
15	Harmony Creek	673992.4	4865641.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.50E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.75E-08	5.63E-05	1.13E-04	2.25E-03	
16	Farewell Creek	678079.2	4868822.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.46E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.70E-08	5.63E-05	1.13E-04	2.25E-03	
17	Farmer	681378.6	4860335.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.71E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.50E-08	5.63E-05	1.13E-04	2.25E-03	
18	Watson Farm	682883.4	4864219.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.93E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.76E-08	5.63E-05	1.13E-04	2.25E-03	
19	Racanski Farm	678929.2	4865530.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.12E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.47E-08	5.63E-05	1.13E-04	2.25E-03	
20	Zoo	687216.8	4864835.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.57E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.00E-08	5.63E-05	1.13E-04	2.25E-03	
21	Cedar Crest Beach	686652.1	4861660.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.21E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.92E-08	5.63E-05	1.13E-04	2.25E-03	
22	Darlington Prov Park Beach	677844.6	4859718.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.11E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.64E-08	5.63E-05	1.13E-04	2.25E-03	
23	OPG 1	682258.1	4860045.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.27E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.15E-08	5.64E-05	1.13E-04	2.25E-03	
24	OPG 2	682551.4	4859889.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.58E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.52E-08	5.64E-05	1.13E-04	2.25E-03	
25	OPG 3	682824.6	4859759.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.92E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.91E-08	5.64E-05	1.13E-04	2.25E-03	
26	OPG 4	683021.6	4859937.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.86E-05	5.63E-05	1.13E-04	5.28E-04	1.13E-04	6.47E-05	1.13E-04	6.30E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	7.36E-08	5.64E-05	1.13E-04	2.25E-03	
27	OPG 5	683318.2	4859677.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.44E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.36E-08	5.64E-05	1.13E-04	2.25E-03	
28	OPG 6	683306.9	4860023.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.86E-05	5.63E-05	1.13E-04	5.28E-04	1.13E-04	6.47E-05	1.13E-04	6.32E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	7.39E-08	5.64E-05	1.13E-04	2.25E-03	
29	OPG 7	683718.6	4859915.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.76E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.73E-08	5.64E-05	1.13E-04	2.25E-03	
30	OPG 8	682702.0	4859998.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04</																			



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Acenapht	Acenapht	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	
				(m)	(m)	1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07			3.13E-06	1.42E-07				4.87E-06	3.66E-06	8.82E-07
				1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04			5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.35E-08	5.63E-05	1.13E-04	2.25E-03
55	Bow. Subdivision 10	685266.0	4863243.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.72E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.35E-08	5.63E-05	1.13E-04	2.25E-03	
56	Osh/Court Subdivision 1	677396.8	4860977.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.28E-04	1.13E-04	6.47E-05	1.13E-04	6.15E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	7.19E-08	5.64E-05	1.13E-04	2.25E-03	
57	Osh/Court Subdivision 2	676633.5	4860816.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.46E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.21E-08	5.63E-05	1.13E-04	2.25E-03	
58	Osh/Court Subdivision 3	676916.0	4861925.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.90E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.55E-08	5.63E-05	1.13E-04	2.25E-03	
59	Osh/Court Subdivision 4	676730.5	4861317.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	5.09E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.95E-08	5.64E-05	1.13E-04	2.25E-03	
60	Osh/Court Subdivision 5	676087.2	4861392.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.21E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.92E-08	5.63E-05	1.13E-04	2.25E-03	
61	Osh/Court Subdivision 6	676177.1	4861722.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.97E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.64E-08	5.63E-05	1.13E-04	2.25E-03	
62	Osh/Court Subdivision 7	675670.7	4861783.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.57E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.17E-08	5.63E-05	1.13E-04	2.25E-03	
63	Osh/Court Subdivision 8	676050.8	4862055.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.56E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.15E-08	5.63E-05	1.13E-04	2.25E-03	
64	Osh/Court Subdivision 9	676636.9	4862134.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.55E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.15E-08	5.63E-05	1.13E-04	2.25E-03	
65	Osh/Court Subdivision 10	676571.3	4861634.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.24E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.95E-08	5.63E-05	1.13E-04	2.25E-03	
66	Bow. Subdivision 11	684649.2	4863182.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.04E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.72E-08	5.63E-05	1.13E-04	2.25E-03	
67	Daycare B	685172.4	4863933.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.30E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.85E-08	5.63E-05	1.13E-04	2.25E-03	
68	Daycare C	685452.0	4863104.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.59E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.19E-08	5.63E-05	1.13E-04	2.25E-03	
69	Daycare D	685527.7	4864693.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.38E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.95E-08	5.63E-05	1.13E-04	2.25E-03	
70	Daycare E	685735.4	4864790.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.26E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.80E-08	5.63E-05	1.13E-04	2.25E-03	
71	Daycare F	685520.3	4864854.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.39E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.96E-08	5.63E-05	1.13E-04	2.25E-03	
72	Daycare G	685441.9	4864878.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.42E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.00E-08	5.63E-05	1.13E-04	2.25E-03	
73	Daycare H	686364.8	4864707.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.84E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.32E-08	5.63E-05	1.13E-04	2.25E-03	
74	Daycare I	685721.6	4865127.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.24E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.78E-08	5.63E-05	1.13E-04	2.25E-03	
75	Daycare J	678256.3	4863565.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.49E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.91E-08	5.63E-05	1.13E-04	2.25E-03	
76	Daycare K	677694.1	4864043.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.10E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.45E-08	5.63E-05	1.13E-04	2.25E-03	
77	Daycare L	676479.5	4862526.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	3.30E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.85E-08	5.63E-05	1.13E-04	2.25E-03	
78	Daycare M	678320.9	4864763.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.85E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.16E-08	5.63E-05	1.13E-04	2.25E-03	
79	Daycare N	678513.4	4865058.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.80E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.10E-08	5.63E-05	1.13E-04	2.25E-03	
80	Daycare O	672788.7	4863936.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.65E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.92E-08	5.63E-05	1.13E-04	2.25E-03	
81	Daycare P	673952.8	4863592.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.88E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.19E-08	5.63E-05	1.13E-04	2.25E-03	
82	Daycare Q	671751.8	4864887.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.43E-08	5.63E-05	2.25								

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Acenapht	Acenapht	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	
				(m)	(m)	1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07			3.13E-06	1.42E-07				4.87E-06	3.66E-06	8.82E-07
				1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04			5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.17E-08	5.63E-05	1.13E-04	2.25E-03
109	Hospital (Children's)	676057.8	4862180.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.57E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.17E-08	5.63E-05	1.13E-04	2.25E-03	
110	Hospital	671233.2	4863615.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.87E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.18E-08	5.63E-05	1.13E-04	2.25E-03	
111	Comm. Resp. Services	676045.4	4863902.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.03E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.37E-08	5.63E-05	1.13E-04	2.25E-03	
112	Hospital	671712.7	4862364.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.93E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.25E-08	5.63E-05	1.13E-04	2.25E-03	
113	Retirement Residence A	684199.9	4864120.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.23E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.94E-08	5.63E-05	1.13E-04	2.25E-03	
114	Retirement Residence B	685483.9	4865150.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.33E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.89E-08	5.63E-05	1.13E-04	2.25E-03	
115	Retirement Residence C	686844.0	4864732.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.71E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.16E-08	5.63E-05	1.13E-04	2.25E-03	
116	Retirement Residence D	673481.7	4863343.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.87E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.19E-08	5.63E-05	1.13E-04	2.25E-03	
117	Retirement Residence E	671825.2	4864399.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.48E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.73E-08	5.63E-05	1.13E-04	2.25E-03	
118	Retirement Residence F	671606.3	4864536.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.46E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.70E-08	5.63E-05	1.13E-04	2.25E-03	
119	Retirement Residence G	671357.1	4862958.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.97E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.30E-08	5.63E-05	1.13E-04	2.25E-03	
120	Retirement Residence H	671514.0	4862262.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.86E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.17E-08	5.63E-05	1.13E-04	2.25E-03	
121	Retirement Residence I	672602.2	4863075.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.07E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.42E-08	5.63E-05	1.13E-04	2.25E-03	
122	Retirement Residence J	671719.1	4862893.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.02E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.36E-08	5.63E-05	1.13E-04	2.25E-03	
123	Retirement Residence K	686718.0	4865648.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.76E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.23E-08	5.63E-05	1.13E-04	2.25E-03	
124	Retirement Residence L	676168.7	4865669.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.51E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.77E-08	5.63E-05	1.13E-04	2.25E-03	
125	Retirement Residence M	676118.5	4863980.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.99E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.33E-08	5.63E-05	1.13E-04	2.25E-03	
126	Bow Subdivision 12	684649.2	4863182.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	4.04E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.72E-08	5.63E-05	1.13E-04	2.25E-03	
127	Primary School B	685384.8	4863575.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.44E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.01E-08	5.63E-05	1.13E-04	2.25E-03	
128	Primary School C	685021.6	4863952.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.48E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.06E-08	5.63E-05	1.13E-04	2.25E-03	
129	Primary School D	686237.0	4864085.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.99E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.49E-08	5.63E-05	1.13E-04	2.25E-03	
130	Primary School E	686719.0	4863734.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.92E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.41E-08	5.63E-05	1.13E-04	2.25E-03	
131	Primary School F	686357.0	4864754.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.84E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.31E-08	5.63E-05	1.13E-04	2.25E-03	
132	Primary School G	685502.0	4865013.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.37E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.94E-08	5.63E-05	1.13E-04	2.25E-03	
133	Primary School H	686726.7	4866061.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.75E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.21E-08	5.63E-05	1.13E-04	2.25E-03	
134	Primary School I	685186.2	4866568.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.88E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.37E-08	5.63E-05	1.13E-04	2.25E-03	
135	Primary School J	685965.3	4866979.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.71E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.16E-08	5.63E-05	1.13E-04	2.25E-03	
136	Primary School K	677709.9	4864726.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.84E-08	5.63E-05	2.25E								





Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Acenapht	Acenapht	Anthrac	Benzo(a)	Benzo(b)	Benzo(k)	Benzo(a)	Benzo(b)	Benzo(ghi)	Benzo(a)	Benzo(e)	Biphenyl	2-	Chrysene	Coronene	Dibenzo(a	Dibenzo(a	Dibenzo(a	9,10-	7,12-	Fluoranth	Fluorine	Indeno(1,	2-	3-	
				hylene	hene	ene	anthracen	luoranthe	luoranthe	perylene	pyrene	pyrene		chlorona		,c)anthrac	,h)anthra	,e)pyrene	dimethyla	dimethyl	ene		ene	cd)pyrene		ene	ene	2,3-	methylan
		(m)	(m)	1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07		3.13E-06	1.42E-07				4.87E-06	3.66E-06	8.82E-07			
				1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04		5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04		5.63E-05	1.13E-04	2.25E-03	
217	Port Darlington 9	686867.4	4862119.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.33E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.89E-08	5.63E-05	1.13E-04	2.25E-03	
218	Port Darlington 10	687190.7	4862048.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.33E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.89E-08	5.63E-05	1.13E-04	2.25E-03	
219	Port Darlington 11	687524.4	4862126.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.22E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.76E-08	5.63E-05	1.13E-04	2.25E-03	
220	Campground 1	678646.3	4860337.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.86E-05	5.63E-05	1.13E-04	5.29E-04	1.13E-04	6.47E-05	1.13E-04	7.18E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	8.39E-08	5.64E-05	1.13E-04	2.25E-03	
221	Campground 2	678410.2	4860148.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	5.17E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.03E-08	5.64E-05	1.13E-04	2.25E-03	
222	Campground 3	678651.0	4860054.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.60E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.38E-08	5.63E-05	1.13E-04	2.25E-03	
223	Campground 4	678725.9	4859860.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.22E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.92E-08	5.63E-05	1.13E-04	2.25E-03	
224	Campground 5	678511.1	4859808.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.80E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.43E-08	5.63E-05	1.13E-04	2.25E-03	
225	Campground 6	678869.5	4859696.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.48E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.07E-08	5.63E-05	1.13E-04	2.25E-03	
226	Campground 7	678723.9	4860201.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.92E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.91E-08	5.64E-05	1.13E-04	2.25E-03	
227	Campground 8	678796.0	4860011.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.43E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.17E-08	5.63E-05	1.13E-04	2.25E-03	
228	Campground 9	678852.7	4859854.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.25E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.96E-08	5.63E-05	1.13E-04	2.25E-03	
229	Solina 1	681099.6	4861677.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.86E-05	5.63E-05	1.13E-04	5.28E-04	1.13E-04	6.47E-05	1.13E-04	6.22E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	7.27E-08	5.64E-05	1.13E-04	2.25E-03	
230	Solina 2	681115.7	4861857.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.86E-05	5.63E-05	1.13E-04	5.28E-04	1.13E-04	6.47E-05	1.13E-04	6.30E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	7.36E-08	5.64E-05	1.13E-04	2.25E-03	
231	Solina 3	680987.4	4861983.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	5.17E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.04E-08	5.64E-05	1.13E-04	2.25E-03	
232	Solina 4	680965.0	4862068.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.97E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.81E-08	5.64E-05	1.13E-04	2.25E-03	
233	Solina 5	681021.5	4862086.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	5.18E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.05E-08	5.64E-05	1.13E-04	2.25E-03	
234	Solina 6	680939.8	4862124.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.83E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.64E-08	5.63E-05	1.13E-04	2.25E-03	
235	Solina 7	680988.2	4862183.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.95E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.78E-08	5.63E-05	1.13E-04	2.25E-03	
236	Solina 8	680984.6	4862209.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.90E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.72E-08	5.63E-05	1.13E-04	2.25E-03	
237	Solina 9	680958.6	4862294.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.75E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.55E-08	5.63E-05	1.13E-04	2.25E-03	
238	Solina 10	680858.0	4862324.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.56E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.33E-08	5.63E-05	1.13E-04	2.25E-03	
239	Solina 11	680990.3	4862403.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.78E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.58E-08	5.63E-05	1.13E-04	2.25E-03	
240	Recreational 1	681545.0	4860865.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	5.05E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.90E-08	5.64E-05	1.13E-04	2.25E-03	
241	Recreational 2	681563.7	4860687.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.81E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.62E-08	5.63E-05	1.13E-04	2.25E-03	
242	Recreational 3	681579.7	4860610.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.90E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.72E-08	5.63E-05	1.13E-04	2.25E-03	
243	Recreational 6	681876.6	4860254.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.60E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.55E-08	5.64E-05	1.13E-04	2.25E-03	
244	Recreational 7	682166.9	4860324.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	6.03E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	7.05E-08	5.64E-05	1.13E-04	2.25E-03	
245	Darlington 1	679565.4	4861052.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.59E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.52E-08	5.64E-05	1.13E-04	2.25E-03	
246	Darlington 2	679452.9	4861051.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.69E-										



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Acenapht	Acenapht	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	
				(m)	(m)	1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07								4.87E-06	3.66E-06	8.82E-07
				1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04			5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.14E-08	5.63E-05	1.13E-04	2.25E-03
271	Future Industrial 5	679898.8	4860067.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.84E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.14E-08	5.63E-05	1.13E-04	2.25E-03	
272	Future Industrial 6	680134.8	4860694.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.13E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.65E-08	5.63E-05	1.13E-04	2.25E-03	
273	Future Industrial 11	680253.7	4860255.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.96E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.29E-08	5.63E-05	1.13E-04	2.25E-03	
274	Future Industrial 12	679901.2	4860511.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.16E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.69E-08	5.63E-05	1.13E-04	2.25E-03	
275	Commercial Farmer	679867.8	4860445.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.11E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.63E-08	5.63E-05	1.13E-04	2.25E-03	
276	Farmer	679277.0	4859981.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.41E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.98E-08	5.63E-05	1.13E-04	2.25E-03	
277	Residence	679387.2	4860648.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.86E-05	5.63E-05	1.13E-04	5.28E-04	1.13E-04	6.47E-05	1.13E-04	6.58E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	7.68E-08	5.64E-05	1.13E-04	2.25E-03	
278	Barn	679261.9	4860574.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.86E-05	5.63E-05	1.13E-04	5.29E-04	1.13E-04	6.47E-05	1.13E-04	7.40E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	8.64E-08	5.64E-05	1.13E-04	2.25E-03	
279	Residence	680150.7	4861295.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.54E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.30E-08	5.63E-05	1.13E-04	2.25E-03	
280	Residence	679939.8	4861213.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.77E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.57E-08	5.63E-05	1.13E-04	2.25E-03	
281	Farmer	680855.7	4861456.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.37E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.27E-08	5.64E-05	1.13E-04	2.25E-03	
282	Farmer	681386.2	4861673.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.86E-05	5.63E-05	1.13E-04	5.29E-04	1.13E-04	6.47E-05	1.13E-04	7.87E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	9.19E-08	5.64E-05	1.13E-04	2.25E-03	
283	Residence	680683.5	4861597.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.73E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	8.64E-08	5.63E-05	1.13E-04	2.25E-03	
284	Business	680064.3	4861343.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.64E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.42E-08	5.63E-05	1.13E-04	2.25E-03	
285	Farmer	679680.1	4861213.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.42E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.33E-08	5.64E-05	1.13E-04	2.25E-03	
286	Farmer	681344.8	4861792.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.86E-05	5.63E-05	1.13E-04	5.29E-04	1.13E-04	6.47E-05	1.13E-04	7.50E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	8.76E-08	5.64E-05	1.13E-04	2.25E-03	
287	Youth Centre	685644.2	4864814.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.32E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.88E-08	5.63E-05	1.13E-04	2.25E-03	
288	Bowmanville Arena	685462.9	4864615.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.38E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.95E-08	5.63E-05	1.13E-04	2.25E-03	
289	Bowmanville Rec Complex	684160.3	4864604.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.93E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.59E-08	5.63E-05	1.13E-04	2.25E-03	
290	Recreation Complex	684586.6	4862406.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.86E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.51E-08	5.63E-05	1.13E-04	2.25E-03	
291	Superdog Central	681487.7	4865723.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.39E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.79E-08	5.63E-05	1.13E-04	2.25E-03	
292	Equestrian Centre	681567.1	4863670.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.86E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.50E-08	5.63E-05	1.13E-04	2.25E-03	
293	Flea Market	678574.6	4862819.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.88E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.36E-08	5.63E-05	1.13E-04	2.25E-03	
294	Equestrian Centre	680030.8	4867320.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.77E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.07E-08	5.63E-05	1.13E-04	2.25E-03	
295	Courtice Community Complex	678099.3	4864629.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.82E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.12E-08	5.63E-05	1.13E-04	2.25E-03	
296	Former Restaurant	679830.2	4860702.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.22E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.93E-08	5.63E-05	1.13E-04	2.25E-03	
297	Commercial	679364.8	4861016.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.64E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.59E-08	5.64E-05	1.13E-04	2.25E-03	
298	GM Oshawa Headquarters	676418.3	4860463.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.92E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.9					

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Acenapht	Acenapht	Anthracene	Benzo(a)	Benzo(b)	Benzo(k)	Benzo(a)	Benzo(b)	Benzo(ghi)	Benzo(a)	Benzo(e)	Biphenyl	2-chlorona	Chrysene	Coronene	Dibenzo(a	Dibenzo(a	Dibenzo(a	9,10 –	7,12 –	Fluoranthene	Fluorine	Indeno(1,	2 –	3 –
				hylene	hene	ne	nthracene	luoranthe	luoranthe	perylene	pyrene	pyrene	phenyl	phthalene	perylene	pyrene	pyrene	phenyl	phthalene	phenyl	anthracene	anthracene	anthracene	dimethylanthracene	dimethylanthracene	ene	ine	cd)pyrene
		(m)	(m)	1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07		3.13E-06	1.42E-07				4.87E-06	3.66E-06	8.82E-07		
				1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04		5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.85E-08	5.63E-05	1.13E-04	2.25E-03
325	Bowmanville 5	682452.2	4869417.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.58E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.85E-08	5.63E-05	1.13E-04	2.25E-03
326	Bowmanville 6	684778.5	4864888.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.61E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.22E-08	5.63E-05	1.13E-04	2.25E-03
327	Bowmanville 7	684549.5	4866404.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.99E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.49E-08	5.63E-05	1.13E-04	2.25E-03
328	Upper Tooley 1	679944.8	4864883.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.64E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.08E-08	5.63E-05	1.13E-04	2.25E-03
329	Upper Tooley 2	679055.1	4863885.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.42E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.83E-08	5.63E-05	1.13E-04	2.25E-03
330	Upper Tooley 3	679714.0	4862767.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	3.51E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.10E-08	5.63E-05	1.13E-04	2.25E-03
331	Upper Tooley 4	678898.8	4861800.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.81E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.62E-08	5.63E-05	1.13E-04	2.25E-03
332	Upper Tooley 5	680353.5	4862156.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	5.09E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.94E-08	5.63E-05	1.13E-04	2.25E-03
333	Upper Tooley 6	679818.1	4861625.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.28E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.00E-08	5.63E-05	1.13E-04	2.25E-03
334	Robinson 1	678434.8	4860943.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.29E-04	1.13E-04	6.47E-05	1.13E-04	7.85E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	9.16E-08	5.63E-05	1.13E-04	2.25E-03
335	Robinson 2	677752.6	4861240.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	5.65E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	6.60E-08	5.63E-05	1.13E-04	2.25E-03
336	Robinson 3	677642.2	4861787.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.48E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.23E-08	5.63E-05	1.13E-04	2.25E-03
337	Robinson 4	678532.7	4862143.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.19E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	4.90E-08	5.63E-05	1.13E-04	2.25E-03
338	Robinson 5	678005.1	4862784.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	3.07E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.58E-08	5.63E-05	1.13E-04	2.25E-03
339	Robinson 6	677882.7	4860587.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.28E-04	1.13E-04	6.47E-05	1.13E-04	6.66E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	7.78E-08	5.63E-05	1.13E-04	2.25E-03
340	F/B 1	677443.1	4867862.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.36E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.59E-08	5.63E-05	1.13E-04	2.25E-03
341	F/B 2	679667.4	4866611.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.98E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.31E-08	5.63E-05	1.13E-04	2.25E-03
342	F/B 3	678655.0	4867470.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.75E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.04E-08	5.63E-05	1.13E-04	2.25E-03
343	F/B 4	676191.2	4866844.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.42E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.66E-08	5.63E-05	1.13E-04	2.25E-03
344	F/B 5	678273.3	4866093.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.70E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.98E-08	5.63E-05	1.13E-04	2.25E-03
345	F/B 6	681241.2	4867098.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.03E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.37E-08	5.63E-05	1.13E-04	2.25E-03
346	F/B 7	682165.3	4868082.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.80E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.10E-08	5.63E-05	1.13E-04	2.25E-03
347	F/B 8	679366.6	4868628.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.57E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.84E-08	5.63E-05	1.13E-04	2.25E-03
348	F/B 9	680310.1	4869967.1	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.36E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.59E-08	5.63E-05	1.13E-04	2.25E-03
349	F/B 10	676487.3	4869291.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.39E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.63E-08	5.63E-05	1.13E-04	2.25E-03
350	F/B 11	676851.4	4865409.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.67E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.95E-08	5.63E-05	1.13E-04	2.25E-03
351	F/B 12	681153.3	4868682.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.65E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.93E-08	5.63E-05	1.13E-04	2.25E-03
352	F/B 13	675416.3	4859833.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.76E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.23E-08	5.63E-05	1.13E-04	2.25E-03
353	Second 1	675153.4	4860552.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.72E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	3.17E-08	5.63E-05	1.13E-04	2.25E-03
354	Second 2	675297.5	4860891.3	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E											

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Acenapht hylene	Acenapht hene	Anthrac ene	Benzo(a)a nthracen e	Benzo(b)f luoranthe ne	Benzo(k)fl uoranthe ne	Benzo(a)fl uorene	Benzo(b)f luorene	Benzo(ghi )perylene	Benzo(a)p yrene	Benzo(e)p yrene	Biphenyl	2- chlorona phthalen e	Chrysene	Coronene	Dibenzo(a ,c)anthrac ene	Dibenzo(a ,h)anthra cene	Dibenzo(a ,e)pyrene	9,10- dimethyla nthracen e	7,12- dimethyl benzo(a)a nthracen	Fluoranth ene	Fluorine	Indeno(1, 2,3- cd)pyrene	2- methylan thracene	3- methylch olanthren e
		(m)	(m)	1.70E-06	2.18E-06	4.76E-07	1.75E-07	4.48E-07	1.18E-07	3.23E-06	2.21E-06	4.83E-06	4.02E-07	1.02E-06	3.49E-04		4.41E-07			3.13E-06	1.42E-07				4.87E-06	3.66E-06	8.82E-07	
				1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.21E-04	1.13E-04	6.47E-05	1.13E-04	7.14E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	8.34E-08	5.64E-05	1.13E-04	2.25E-03
379	Darlington 5	683223.2	4861114.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.29E-04	1.13E-04	6.47E-05	1.13E-04	7.14E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	8.34E-08	5.64E-05	1.13E-04	2.25E-03
380	Darlington 6	683947.7	4862362.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.26E-04	1.13E-04	6.47E-05	1.13E-04	4.76E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.56E-08	5.63E-05	1.13E-04	2.25E-03
381	Darlington 7	685361.9	4861143.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.25E-04	1.13E-04	6.47E-05	1.13E-04	4.31E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	5.03E-08	5.63E-05	1.13E-04	2.25E-03
382	Bennett ECO/HH	688606.4	4862634.8	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.54E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.97E-08	5.63E-05	1.13E-04	2.25E-03
383	Oshawa ECO/HH	673884.9	4859128.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.21E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.58E-08	5.63E-05	1.13E-04	2.25E-03
384	Oshawa Creek 1	671671.2	4862793.7	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.00E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.34E-08	5.63E-05	1.13E-04	2.25E-03
385	Oshawa Creek 2	671668.5	4861589.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.60E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.87E-08	5.63E-05	1.13E-04	2.25E-03
386	Oshawa Creek 3	672820.2	4861287.2	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.78E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.08E-08	5.63E-05	1.13E-04	2.25E-03
387	Oshawa Creek 4	672360.3	4860262.6	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.22E-04	1.13E-04	6.47E-05	1.13E-04	1.55E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	1.81E-08	5.63E-05	1.13E-04	2.25E-03
388	Oshawa Creek 5	673921.2	4860115.0	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	1.82E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.13E-08	5.63E-05	1.13E-04	2.25E-03
389	Oshawa Creek 6	673154.0	4859421.9	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.23E-04	1.13E-04	6.47E-05	1.13E-04	2.01E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.35E-08	5.63E-05	1.13E-04	2.25E-03
390	Farmer	677409.8	4861051.4	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.27E-04	1.13E-04	6.47E-05	1.13E-04	6.12E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	7.15E-08	5.64E-05	1.13E-04	2.25E-03
391	Commercial Market	688276.3	4864698.5	1.58E-04	5.48E-04	8.00E-05	5.63E-05	7.56E-05	5.63E-05	1.13E-04	1.13E-04	5.85E-05	5.63E-05	1.13E-04	5.24E-04	1.13E-04	6.47E-05	1.13E-04	2.55E-08	5.63E-05	2.25E-04	4.51E-04	1.13E-04	3.93E-04	2.97E-08	5.63E-05	1.13E-04	2.25E-03

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	1- methylphthalene	2- methylphthalene	1- methylphenanthrene	9- methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-
				(m)	(m)	1.15E-05	6.36E-05	1.13E-04	0.00E+00	4.95E-05	1.77E-07	1.11E-05	5.87E-06	5.83E-05	9.57E-06	1.13E-04	1.13E-04	1.13E-04		6.22E-08	3.63E-03	0.02	5.93E-03	4.21E-03	1.05	3.36	0.04	3.94
1	Campground 10	678526.8	4859996.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
2	ECO 2	675490.4	4860360.1	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
3	Recreational 5	681642.0	4860349.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
4	ECO 4	676831.5	4859840.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
5	Bow. Valley Cons. 3	685767.2	4863879.0	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
6	ECO 6	679647.8	4859989.3	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
7	ECO 7	681578.8	4862070.1	4.44E-04	7.58E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
8	ECO 8	679735.5	4861048.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
9	ECO 9	687219.7	4864249.3	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
10	ECO 10	686519.0	4861987.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
11	ECO 11	679870.4	4859737.9	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
12	Recreational 4	681575.5	4860557.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
13	Future Industrial 9	680704.5	4859857.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
14	Future Industrial 10	680608.0	4860719.6	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
15	Harmony Creek	673992.4	4865641.4	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
16	Farewell Creek	678079.2	4868822.7	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
17	Farmer	681378.6	4860335.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
18	Watson Farm	682883.4	4864219.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
19	Racanski Farm	678929.2	4865530.2	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
20	Zoo	687216.8	4864835.3	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
21	Cedar Crest Beach	686652.1	4861660.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
22	Darlington Prov Park Beach	677844.6	4859718.2	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
23	OPG 1	682258.1	4860045.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
24	OPG 2	682551.4	4859889.1	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
25	OPG 3	682824.6	4859759.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
26	OPG 4	683021.6	4859937.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
27	OPG 5	683318.2	4859677.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
28	OPG 6	683306.9	4860023.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
29	OPG 7	683718.6	4859915.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
30	OPG 8	682702.0	4859998.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
31	OPG 9	684347.7	4861184.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
32	OPG 10	682157.2	4861228.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
33	St. Mary's 1	684557.0	4861070.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
34	St. Mary's 2	684657.3	4861320.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
35	St. Mary's 3	684905.3	4861154.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40	
36	Court. Subdivision 1	677328.4	4862976.1	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04	1.05	3.36								



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	1- methylphthalene	2- methylphthalene	1- methylphenanthrene	9- methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-
				(m)	(m)	1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05							6.22E-08			3.63E-03	0.02	5.93E-03
				4.43E-04	7.56E-04	1.13E-04		8.59E-04	1.13E-04	1.71E-03		1.83E-04	4.51E-04	1.13E-04						1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
55	Bow. Subdivision 10	685266.0	4863243.1	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
56	Osh/Court Subdivision 1	677396.8	4860977.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
57	Osh/Court Subdivision 2	676633.5	4860816.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
58	Osh/Court Subdivision 3	676916.0	4861925.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
59	Osh/Court Subdivision 4	676730.5	4861317.1	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
60	Osh/Court Subdivision 5	676087.2	4861392.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
61	Osh/Court Subdivision 6	676177.1	4861722.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
62	Osh/Court Subdivision 7	675670.7	4861783.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
63	Osh/Court Subdivision 8	676050.8	4862055.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
64	Osh/Court Subdivision 9	676636.9	4862134.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
65	Osh/Court Subdivision 10	676571.3	4861634.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
66	Bow. Subdivision 11	684649.2	4863182.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
67	Daycare B	685172.4	4863933.1	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
68	Daycare C	685452.0	4863104.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
69	Daycare D	685527.7	4864693.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
70	Daycare E	685735.4	4864790.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
71	Daycare F	685520.3	4864854.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
72	Daycare G	685441.9	4864878.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
73	Daycare H	686364.8	4864707.8	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
74	Daycare I	685721.6	4865127.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
75	Daycare J	678256.3	4863565.4	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
76	Daycare K	677694.1	4864043.7	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
77	Daycare L	676479.5	4862526.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
78	Daycare M	678320.9	4864763.5	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
79	Daycare N	678513.4	4865058.0	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
80	Daycare O	672788.7	4863936.6	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
81	Daycare P	673952.8	4863592.5	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
82	Daycare Q	671751.8	4864887.7	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
83	Daycare R	685714.4	4864667.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
84	Daycare S	684177.9	4863618.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
85	Daycare T	678423.6	4864480.4	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
86	Daycare U	685330.5	4863435.1	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05								

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	1-methylphthalene	2-methylphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-
				(m)	(m)	1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05			5.87E-06								6.22E-08			3.63E-03	0.02	5.93E-03
				4.43E-04	7.56E-04	1.13E-04		8.59E-04	1.13E-04	1.71E-03		1.83E-04	4.51E-04	1.13E-04						1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
109	Hospital (Children's)	676057.8	4862180.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
110	Hospital	671233.2	4863615.9	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
111	Comm. Resp. Services	676045.4	4863902.5	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
112	Hospital	671712.7	4862364.1	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
113	Retirement Residence A	684199.9	4864120.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
114	Retirement Residence B	685483.9	4865150.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
115	Retirement Residence C	686844.0	4864732.1	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
116	Retirement Residence D	673481.7	4863343.4	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
117	Retirement Residence E	671825.2	4864399.0	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
118	Retirement Residence F	671606.3	4864536.0	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
119	Retirement Residence G	671357.1	4862958.7	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
120	Retirement Residence H	671514.0	4862262.9	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
121	Retirement Residence I	672602.2	4863075.9	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
122	Retirement Residence J	671719.1	4862893.1	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
123	Retirement Residence K	686718.0	4865648.7	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
124	Retirement Residence L	676168.7	4865669.9	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
125	Retirement Residence M	676118.5	4863980.7	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
126	Bow. Subdivision 12	684649.2	4863182.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
127	Primary School B	685384.8	4863575.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
128	Primary School C	685021.6	4863952.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
129	Primary School D	686237.0	4864085.5	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
130	Primary School E	686719.0	4863734.7	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
131	Primary School F	686357.0	4864754.9	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
132	Primary School G	685502.0	4865013.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
133	Primary School H	686726.7	4866061.5	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
134	Primary School I	685186.2	4866568.2	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
135	Primary School J	685965.3	4866979.0	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
136	Primary School K	677709.9	4864726.5	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
137	Primary School L	675988.3	4864270.2	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
138	Primary School M	676608.7	4862739.0	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
139	Primary School N	677222.2	4863759.1	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
140	Primary School O	678154.9	4863872.7	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94					

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	1- methylphthalene	2- methylphthalene	1- methylphenanthrene	9- methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-
				(m)	(m)	1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06			5.83E-05						6.22E-08			3.63E-03	0.02	5.93E-03
				4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
163	Primary School LL	673762.3	4864210.6	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
164	Primary School MM	672238.8	4864621.3	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
165	Primary School NN	673213.6	4858677.0	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
166	Primary School OO	675474.8	4863221.7	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
167	Primary School PP	672441.8	4858748.6	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
168	Primary School QQ	672796.8	4864438.2	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
169	Primary School RR	671351.4	4863284.0	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
170	Primary School SS	673213.9	4862125.5	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
171	Primary School TT	671017.9	4860953.7	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
172	Primary School UU	670991.0	4861089.8	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
173	Primary School VV	674150.1	4862294.8	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
174	Primary School WW	672005.2	4861707.9	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
175	Primary School XX	684172.1	4863615.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
176	Primary School YY	683923.3	4866636.4	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
177	Primary School ZZ	680446.0	4865770.5	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
178	Vacant School	685612.9	4864520.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
179	Secondary School A	686291.4	4865064.3	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
180	Secondary School B	683875.0	4864741.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
181	Secondary School C	684650.3	4866460.3	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
182	Secondary School D	678099.5	4864838.2	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
183	Secondary School E	678467.0	4863431.2	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
184	Secondary School F	674144.9	4862762.7	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
185	Secondary School G	673816.0	4864357.1	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
186	Secondary School H	673145.4	4858569.0	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
187	Secondary School I	671291.7	4863581.3	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
188	Secondary School J	671443.2	4861664.9	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
189	Secondary School K	673235.3	4860885.0	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
190	Secondary School L	684252.7	4866500.5	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
191	Secondary School M	673914.1	4859551.7	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
192	Secondary School N	675051.5	4864177.2	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
193	Adult School	685276.1	4866019.8	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
194	Bow. Valley Cons. 1	685356.6	4864521.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.											

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	1- methylphthalene	2- methylphthalene	1- methylphenanthrene	9- methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-
				(m)	(m)	1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05							6.22E-08			3.63E-03	0.02	5.93E-03
				4.43E-04	7.56E-04	1.13E-04		8.59E-04	1.13E-04	1.71E-03		1.83E-04	4.51E-04	1.13E-04						1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
217	Port Darlington 9	686867.4	4862119.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
218	Port Darlington 10	687190.7	4862048.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
219	Port Darlington 11	687524.4	4862126.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
220	Campground 1	678646.3	4860337.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
221	Campground 2	678410.2	4860148.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
222	Campground 3	678651.0	4860054.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
223	Campground 4	678725.9	4859860.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
224	Campground 5	678511.1	4859808.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
225	Campground 6	678869.5	4859696.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
226	Campground 7	678723.9	4860201.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
227	Campground 8	678796.0	4860011.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
228	Campground 9	678852.7	4859854.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
229	Solina 1	681099.6	4861677.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
230	Solina 2	681115.7	4861857.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
231	Solina 3	680987.4	4861983.5	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
232	Solina 4	680965.0	4862068.1	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
233	Solina 5	681021.5	4862086.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
234	Solina 6	680939.8	4862124.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
235	Solina 7	680988.2	4862183.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
236	Solina 8	680984.6	4862209.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
237	Solina 9	680958.6	4862294.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
238	Solina 10	680858.0	4862324.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
239	Solina 11	680990.3	4862403.5	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
240	Recreational 1	681545.0	4860865.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
241	Recreational 2	681563.7	4860687.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
242	Recreational 3	681579.7	4860610.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
243	Recreational 6	681876.6	4860254.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
244	Recreational 7	682166.9	4860324.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
245	Darlington 1	679565.4	4861052.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
246	Darlington 2	679452.9	4861051.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
247	Darlington 3	679130.5	4860948.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
248	Darlington 4	679112.6	4860941.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04										



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	1- methylphthalene	2- methylphthalene	1- methylphenanthrene	9- methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-
				(m)	(m)	1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05							6.22E-08			3.63E-03	0.02	5.93E-03
				4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
271	Future Industrial 5	679898.8	4860067.4	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
272	Future Industrial 6	680134.8	4860694.1	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
273	Future Industrial 11	680253.7	4860255.2	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
274	Future Industrial 12	679901.2	4860511.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
275	Commercial Farmer	679867.8	4860445.4	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
276	Farmer	679277.0	4859981.5	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
277	Residence	679387.2	4860648.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
278	Barn	679261.9	4860574.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
279	Residence	680150.7	4861295.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
280	Residence	679939.8	4861213.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
281	Farmer	680855.7	4861456.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
282	Farmer	681386.2	4861673.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
283	Residence	680683.5	4861597.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
284	Business	680064.3	4861343.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
285	Farmer	679680.1	4861213.5	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
286	Farmer	681344.8	4861792.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
287	Youth Centre	685644.2	4864814.8	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
288	Bowmanville Arena	685462.9	4864615.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
289	Bowmanville Rec Complex	684160.3	4864604.5	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
290	Recreation Complex	684586.6	4862406.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
291	Superdog Central	681487.7	4865723.3	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
292	Equestrian Centre	681567.1	4863670.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
293	Flea Market	678574.6	4862819.4	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
294	Equestrian Centre	680030.8	4867320.2	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
295	Courtice Community Complex	678099.3	4864629.8	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
296	Former Restaurant	679830.2	4860702.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
297	Commercial	679364.8	4861016.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
298	GM Oshawa Headquarters	676418.3	4860463.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
299	Farm A?	682972.3	4862201.9	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
300	Farm B?	683546.9	4861959.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
301	Farm C?	682547.5	4862321.1	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
302	Farm D?	683238.3	4862393.3	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1										

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	1- methylphthalene	2- methylphthalene	1- methylphenanthrene	9- methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-
				(m)	(m)	1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05							6.22E-08			3.63E-03	0.02	5.93E-03
				4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
325	Bowmanville 5	682452.2	4869417.5	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
326	Bowmanville 6	684778.5	4864888.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
327	Bowmanville 7	684549.5	4866404.4	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
328	Upper Tooley 1	679944.8	4864883.1	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
329	Upper Tooley 2	679055.1	4863885.8	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
330	Upper Tooley 3	679714.0	4862767.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
331	Upper Tooley 4	678898.8	4861800.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
332	Upper Tooley 5	680353.5	4862156.5	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
333	Upper Tooley 6	679818.1	4861625.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
334	Robinson 1	678434.8	4860943.1	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
335	Robinson 2	677752.6	4861240.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
336	Robinson 3	677642.2	4861787.2	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
337	Robinson 4	678532.7	4862143.6	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
338	Robinson 5	678005.1	4862784.9	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
339	Robinson 6	677882.7	4860587.7	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
340	F/B 1	677443.1	4867862.1	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
341	F/B 2	679667.4	4866611.4	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
342	F/B 3	678655.0	4867470.1	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
343	F/B 4	676191.2	4866844.7	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
344	F/B 5	678273.3	4866093.0	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
345	F/B 6	681241.2	4867098.8	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
346	F/B 7	682165.3	4868082.3	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
347	F/B 8	679366.6	4868628.3	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
348	F/B 9	680310.1	4869967.1	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
349	F/B 10	676487.3	4869291.6	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
350	F/B 11	676851.4	4865409.3	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
351	F/B 12	681153.3	4868682.2	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
352	F/B 13	675416.3	4859833.9	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
353	Second 1	675153.4	4860552.8	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
354	Second 2	675297.5	4860891.3	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
355	Second 3	675647.2	4860644.9	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
356	Second 4	675670.5	4860076.5	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00													

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	1-methyl-naphthalene	2-methyl-naphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-
				(m)	(m)	1.15E-05	6.36E-05			4.95E-05	1.77E-07	1.11E-05		5.87E-06		5.83E-05		9.57E-06					6.22E-08			3.63E-03	0.02	5.93E-03
				4.43E-04	7.56E-04	1.13E-04		8.59E-04	1.13E-04	1.71E-03		1.83E-04	4.51E-04	1.13E-04		1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
379	Darlington 5	683223.2	4861114.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
380	Darlington 6	683947.7	4862362.0	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
381	Darlington 7	685361.9	4861143.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
382	Bennett ECO/HH	688606.4	4862634.8	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
383	Oshawa ECO/HH	673884.9	4859128.9	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
384	Oshawa Creek 1	671671.2	4862793.7	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
385	Oshawa Creek 2	671668.5	4861589.5	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
386	Oshawa Creek 3	672820.2	4861287.2	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
387	Oshawa Creek 4	672360.3	4860262.6	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
388	Oshawa Creek 5	673921.2	4860115.0	4.43E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
389	Oshawa Creek 6	673154.0	4859421.9	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.59E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
390	Farmer	677409.8	4861051.4	4.44E-04	7.57E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.14E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40
391	Commercial Market	688276.3	4864698.5	4.44E-04	7.56E-04	1.13E-04	0.00E+00	8.60E-04	1.13E-04	1.71E-03	0.00E+00	1.83E-04	4.51E-04	1.13E-04	0.00E+00	1.13E-04	1.13E-04	1.13E-04		1.05	3.36	0.04	3.94	0.01	0.02	0.10	0.12	2.40

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP
		(m)	(m)	3.70E-05	5.96E-05							6.61E-05	0.02			1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02			
				0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.65E-03	2.76		
1	Campground 10	678526.8	4859996.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
2	ECO 2	675490.4	4860360.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
3	Recreational 5	681642.0	4860349.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
4	ECO 4	676831.5	4859840.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
6	ECO 6	679647.8	4859989.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
7	ECO 7	681578.8	4862070.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.78E-03	2.76		0.00E+00
8	ECO 8	679735.5	4861048.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
9	ECO 9	687219.7	4864249.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
10	ECO 10	686519.0	4861987.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
11	ECO 11	679870.4	4859737.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
12	Recreational 4	681575.5	4860557.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
13	Future Industrial 9	680704.5	4859857.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
14	Future Industrial 10	680608.0	4860719.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
15	Harmony Creek	673992.4	4865641.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
16	Farewell Creek	678079.2	4868822.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
17	Farmer	681378.6	4860335.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
18	Watson Farm	682883.4	4864219.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
19	Racanski Farm	678929.2	4865530.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
20	Zoo	687216.8	4864835.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
23	OPG 1	682258.1	4860045.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
24	OPG 2	682551.4	4859889.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
25	OPG 3	682824.6	4859759.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
26	OPG 4	683021.6	4859937.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.75E-03	2.76		0.00E+00
27	OPG 5	683318.2	4859677.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
28	OPG 6	683306.9	4860023.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.75E-03	2.76		0.00E+00
29	OPG 7	683718.6	4859915.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
30	OPG 8	682702.0	4859998.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
31	OPG 9	684347.7	4861184.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
32	OPG 10	682157.2	4861228.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
33	St. Mary's 1	684557.0	4861070.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
34	St. Mary's 2	684657.3	4861320.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
35	St. Mary's 3	684905.3	4861154.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
36	Court. Subdivision 1	677328.4	4862976.1	0.61	0.16	0.04																						



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP
		(m)	(m)	3.70E-05	5.96E-05																							
				0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.65E-03	2.76		
55	Bow. Subdivision 10	685266.0	4863243.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.75E-03	2.76		0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
67	Daycare B	685172.4	4863933.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
68	Daycare C	685452.0	4863104.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
69	Daycare D	685527.7	4864693.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
70	Daycare E	685735.4	4864790.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
71	Daycare F	685520.3	4864854.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
72	Daycare G	685441.9	4864878.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
73	Daycare H	686364.8	4864707.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
74	Daycare I	685721.6	4865127.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
75	Daycare J	678256.3	4863565.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
76	Daycare K	677694.1	4864043.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
77	Daycare L	676479.5	4862526.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
78	Daycare M	678320.9	4864763.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
79	Daycare N	678513.4	4865058.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
80	Daycare O	672788.7	4863936.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
81	Daycare P	673952.8	4863592.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
82	Daycare Q	671751.8	4864887.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
83	Daycare R	685714.4	4864667.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
84	Daycare S	684177.9	4863618.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
85	Daycare T	678423.6	4864480.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
86	Daycare U	685330.5	4863435.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
87	Daycare V	685153.2	4863236.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
88	Daycare W	672679.0	4862044.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
89	Daycare X	672076.5	4865285.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
90	Daycare Y	672638.0	4859664.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04																	

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP
		(m)	(m)	3.70E-05	5.96E-05							6.61E-05	0.02			1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02			
				0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.65E-03	2.76		
109	Hospital (Children's)	676057.8	4862180.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
110	Hospital	671233.2	4863615.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
111	Comm. Resp. Services	676045.4	4863902.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
112	Hospital	671712.7	4862364.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
113	Retirement Residence A	684199.9	4864120.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
114	Retirement Residence B	685483.9	4865150.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
115	Retirement Residence C	686844.0	4864732.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
116	Retirement Residence D	673481.7	4863343.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
117	Retirement Residence E	671825.2	4864399.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
118	Retirement Residence F	671606.3	4864536.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
119	Retirement Residence G	671357.1	4862958.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
120	Retirement Residence H	671514.0	4862262.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
121	Retirement Residence I	672602.2	4863075.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
122	Retirement Residence J	671719.1	4862893.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
123	Retirement Residence K	686718.0	4865648.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
124	Retirement Residence L	676168.7	4865669.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
125	Retirement Residence M	676118.5	4863980.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
127	Primary School B	685384.8	4863575.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
128	Primary School C	685021.6	4863952.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
129	Primary School D	686237.0	4864085.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
130	Primary School E	686719.0	4863734.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
131	Primary School F	686357.0	4864754.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
132	Primary School G	685502.0	4865013.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
133	Primary School H	686726.7	4866061.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
134	Primary School I	685186.2	4866568.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
135	Primary School J	685965.3	4866979.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
136	Primary School K	677709.9	4864726.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
137	Primary School L	675988.3	4864270.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
138	Primary School M	676608.7	4862739.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
139	Primary School N	677222.2	4863759.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
140	Primary School O	678154.9	4863872.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
141	Court. Subdivision 12	678309.6	4863600.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
142	Primary School Q	677010.6	4862470.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
143	Primary School R	677431.3	4866694.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
144	Primary School S	675266.2	4863562.9																									

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP
		(m)	(m)	3.70E-05	5.96E-05							6.61E-05	0.02			1.21E-04	3.48E-05	5.55E-03										
				0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.65E-03	2.76		
163	Primary School LL	673762.3	4864210.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
164	Primary School MM	672238.8	4864621.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
165	Primary School NN	673213.6	4858677.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
166	Primary School OO	675474.8	4863221.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
167	Primary School PP	672441.8	4858748.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
168	Primary School QQ	672796.8	4864438.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
169	Primary School RR	671351.4	4863284.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
170	Primary School SS	673213.9	4862125.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
171	Primary School TT	671017.9	4860953.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
172	Primary School UU	670991.0	4861089.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
173	Primary School VV	674150.1	4862294.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
174	Primary School WW	672005.2	4861707.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
175	Primary School XX	684172.1	4863615.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
176	Primary School YY	683923.3	4866636.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
177	Primary School ZZ	680446.0	4865770.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
178	Vacant School	685612.9	4864520.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
179	Secondary School A	686291.4	4865064.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
180	Secondary School B	683875.0	4864741.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
181	Secondary School C	684650.3	4866460.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
182	Secondary School D	678099.5	4864838.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
183	Secondary School E	678467.0	4863431.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
184	Secondary School F	674144.9	4862762.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
185	Secondary School G	673816.0	4864357.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
186	Secondary School H	673145.4	4858569.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
187	Secondary School I	671291.7	4863581.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
188	Secondary School J	671443.2	4861664.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
189	Secondary School K	673235.3	4860885.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
190	Secondary School L	684252.7	4866500.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
191	Secondary School M	673914.1	4859551.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
192	Secondary School N	675051.5	4864177.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
193	Adult School	685276.1	4866019.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
194	Bow. Valley Cons. 1	685356.6	4864521.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
195	Bow. Valley Cons. 2	685627.7	4864167.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
196	Bow. Valley Cons. 4	685852.7	4863640.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
197	Bow. Valley Cons. 5	686163.1	4863621.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
198	Bow. Valley Cons. 6	685931.9	4863380.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
199	Maple Grove 1	681688.5	4864717.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
200	Maple Grove 2	681768.9	4864631.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
201	Maple Grove 3	681894.9	4864506.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP
		(m)	(m)	3.70E-05	5.96E-05							6.61E-05	0.02			1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02			
				0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.65E-03	2.76		
217	Port Darlington 9	686867.4	4862119.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
218	Port Darlington 10	687190.7	4862048.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
219	Port Darlington 11	687524.4	4862126.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
220	Campground 1	678646.3	4860337.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.76E-03	2.76		0.00E+00
221	Campground 2	678410.2	4860148.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
222	Campground 3	678651.0	4860054.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
223	Campground 4	678725.9	4859860.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
224	Campground 5	678511.1	4859808.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
225	Campground 6	678869.5	4859696.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
226	Campground 7	678723.9	4860201.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
227	Campground 8	678796.0	4860011.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
228	Campground 9	678852.7	4859854.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
229	Solina 1	681099.6	4861677.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.75E-03	2.76		0.00E+00
230	Solina 2	681115.7	4861857.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.75E-03	2.76		0.00E+00
231	Solina 3	680987.4	4861983.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
232	Solina 4	680965.0	4862068.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
233	Solina 5	681021.5	4862086.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
234	Solina 6	680939.8	4862124.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
235	Solina 7	680988.2	4862183.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
236	Solina 8	680984.6	4862209.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
237	Solina 9	680958.6	4862294.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
238	Solina 10	680858.0	4862324.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
239	Solina 11	680990.3	4862403.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
240	Recreational 1	681545.0	4860865.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
241	Recreational 2	681563.7	4860687.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
242	Recreational 3	681579.7	4860610.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
243	Recreational 6	681876.6	4860254.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
244	Recreational 7	682166.9	4860324.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.75E-03	2.76		0.00E+00
245	Darlington 1	679565.4	4861052.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
246	Darlington 2	679452.9	4861051.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
247	Darlington 3	679130.5	4860948.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.75E-03	2.76		0.00E+00
248	Darlington 4	679112.6	4860941.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.76E-03	2.76		0.00E+00
249	Darlington 5	679057.6	4860994.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.76E-03	2.76		0.00E+00
250	Darlington 6	679075.2	4860931.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.76E-03	2.76		0.00E+00
251	Darlington 7	678814.3	4860843.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.78E-03	2.76		0.00E+00
252	Darlington 8	678840.4																										



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP
		(m)	(m)	3.70E-05	5.96E-05							6.61E-05	0.02			1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02			
				0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.65E-03	2.76		
271	Future Industrial 5	679898.8	4860067.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
272	Future Industrial 6	680134.8	4860694.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
273	Future Industrial 11	680253.7	4860255.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
274	Future Industrial 12	679901.2	4860511.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
275	Commercial Farmer	679867.8	4860445.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
276	Farmer	679277.0	4859981.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
277	Residence	679387.2	4860648.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.75E-03	2.76		0.00E+00
278	Barn	679261.9	4860574.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.77E-03	2.76		0.00E+00
279	Residence	680150.7	4861295.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
280	Residence	679939.8	4861213.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
281	Farmer	680855.7	4861456.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
282	Farmer	681386.2	4861673.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.78E-03	2.76		0.00E+00
283	Residence	680683.5	4861597.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
284	Business	680064.3	4861343.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
285	Farmer	679680.1	4861213.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
286	Farmer	681344.8	4861792.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.77E-03	2.76		0.00E+00
287	Youth Centre	685644.2	4864814.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
288	Bowmanville Arena	685462.9	4864615.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
289	Bowmanville Rec Complex	684160.3	4864604.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
290	Recreation Complex	684586.6	4862406.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
291	Superdog Central	681487.7	4865723.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
292	Equestrian Centre	681567.1	4863670.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
293	Flea Market	678574.6	4862819.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
294	Equestrian Centre	680030.8	4867320.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
295	Courtice Community Complex	678099.3	4864629.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
296	Former Restaurant	679830.2	4860702.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
297	Commercial	679364.8	4861016.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
298	GM Oshawa Headquarters	676418.3	4860463.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
299	Farm A?	682972.3	4862201.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
300	Farm B?	683546.9	4861959.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
301	Farm C?	682547.5	4862321.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.76E-03	2.76		0.00E+00
302	Farm D?	683238.3	4862393.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
303	Farm E?	682512.6	4862858.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.76E-03	2.76		0.00E+00
304	Farm F?	683129.1	4863649.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
305	Bennett 1	688209.3	4862512.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
306	Bennett 2	687990.0	4863221.3	0.61	0.16	0.04																						

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP
		(m)	(m)	3.70E-05	5.96E-05							6.61E-05	0.02			1.21E-04	3.48E-05	5.55E-03			6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02			
				0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.65E-03	2.76		
325	Bowmanville 5	682452.2	4869417.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
326	Bowmanville 6	684778.5	4864888.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
327	Bowmanville 7	684549.5	4866404.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
328	Upper Tooley 1	679944.8	4864883.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
329	Upper Tooley 2	679055.1	4863885.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
330	Upper Tooley 3	679714.0	4862767.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.71E-03	2.76		0.00E+00
331	Upper Tooley 4	678898.8	4861800.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
332	Upper Tooley 5	680353.5	4862156.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
333	Upper Tooley 6	679818.1	4861625.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
334	Robinson 1	678434.8	4860943.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.78E-03	2.76		0.00E+00
335	Robinson 2	677752.6	4861240.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.74E-03	2.76		0.00E+00
336	Robinson 3	677642.2	4861787.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
337	Robinson 4	678532.7	4862143.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
338	Robinson 5	678005.1	4862784.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
339	Robinson 6	677882.7	4860587.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.76E-03	2.76		0.00E+00
340	F/B 1	677443.1	4867862.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
341	F/B 2	679667.4	4866611.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
342	F/B 3	678655.0	4867470.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
343	F/B 4	676191.2	4866844.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
344	F/B 5	678273.3	4866093.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
345	F/B 6	681241.2	4867098.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
346	F/B 7	682165.3	4868082.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
347	F/B 8	679366.6	4868628.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
348	F/B 9	680310.1	4869967.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
349	F/B 10	676487.3	4869291.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
350	F/B 11	676851.4	4865409.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
351	F/B 12	681153.3	4868682.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
352	F/B 13	675416.3	4859833.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
353	Second 1	675153.4	4860552.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
354	Second 2	675297.5	4860891.3	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
355	Second 3	675647.2	4860644.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
356	Second 4	675670.5	4860076.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
357	Second 5	676043.3	4860319.1	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
358	Second 6	675923.4	4859821.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.70E-03	2.76		0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
360	McLaughlin Bay 2	677310.8																										

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2-	Dichloroethane, trans-1,2-	Dichloroethane, 1,1-	Dichloromethane	Dichloropropane, 1,2-	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1-	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP
		(m)	(m)	3.70E-05	5.96E-05			0.01			6.61E-05	0.02			1.21E-04	3.48E-05	5.55E-03				6.63E-04	5.88E-03	1.67E-04	5.75E-05	0.02			
				0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.76E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.65E-03	2.76		
379	Darlington 5	683223.2	4861114.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.78E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.76E-03	2.76		0.00E+00
380	Darlington 6	683947.7	4862362.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.73E-03	2.76		0.00E+00
381	Darlington 7	685361.9	4861143.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.72E-03	2.76		0.00E+00
382	Bennett ECO/HH	688606.4	4862634.8	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00
383	Oshawa ECO/HH	673884.9	4859128.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
384	Oshawa Creek 1	671671.2	4862793.7	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
385	Oshawa Creek 2	671668.5	4861589.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
386	Oshawa Creek 3	672820.2	4861287.2	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
387	Oshawa Creek 4	672360.3	4860262.6	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.67E-03	2.76		0.00E+00
388	Oshawa Creek 5	673921.2	4860115.0	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
389	Oshawa Creek 6	673154.0	4859421.9	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.68E-03	2.76		0.00E+00
390	Farmer	677409.8	4861051.4	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.75E-03	2.76		0.00E+00
391	Commercial Market	688276.3	4864698.5	0.61	0.16	0.04	6.65E-03	2.81	0.06	2.84E-03	5.77E-04	0.76	0.01	0.69	1.84E-03	1.66	0.20	1.33	0.26	4.40	0.10	0.27	1.89	0.69	3.69E-03	2.76		0.00E+00

Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	PCIS
		(m)	(m)	
1	Campground 10	678526.8	4859996.8	0.00E+00
2	ECO 2	675490.4	4860360.1	0.00E+00
3	Recreational 5	681642.0	4860349.3	0.00E+00
4	ECO 4	676831.5	4859840.9	0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0	0.00E+00
6	ECO 6	679647.8	4859989.3	0.00E+00
7	ECO 7	681578.8	4862070.1	0.00E+00
8	ECO 8	679735.5	4861048.6	0.00E+00
9	ECO 9	687219.7	4864249.3	0.00E+00
10	ECO 10	686519.0	4861987.6	0.00E+00
11	ECO 11	679870.4	4859737.9	0.00E+00
12	Recreational 4	681575.5	4860557.7	0.00E+00
13	Future Industrial 9	680704.5	4859857.8	0.00E+00
14	Future Industrial 10	680608.0	4860719.6	0.00E+00
15	Harmony Creek	673992.4	4865641.4	0.00E+00
16	Farewell Creek	678079.2	4868822.7	0.00E+00
17	Farmer	681378.6	4860335.0	0.00E+00
18	Watson Farm	682883.4	4864219.7	0.00E+00
19	Racanski Farm	678929.2	4865530.2	0.00E+00
20	Zoo	687216.8	4864835.3	0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9	0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2	0.00E+00
23	OPG 1	682258.1	4860045.0	0.00E+00
24	OPG 2	682551.4	4859889.1	0.00E+00
25	OPG 3	682824.6	4859759.3	0.00E+00
26	OPG 4	683021.6	4859937.3	0.00E+00
27	OPG 5	683318.2	4859677.8	0.00E+00
28	OPG 6	683306.9	4860023.0	0.00E+00
29	OPG 7	683718.6	4859915.8	0.00E+00
30	OPG 8	682702.0	4859998.6	0.00E+00
31	OPG 9	684347.7	4861184.6	0.00E+00
32	OPG 10	682157.2	4861228.2	0.00E+00
33	St. Mary's 1	684557.0	4861070.0	0.00E+00
34	St. Mary's 2	684657.3	4861320.8	0.00E+00
35	St. Mary's 3	684905.3	4861154.4	0.00E+00
36	Court. Subdivision 1	677328.4	4862976.1	0.00E+00
37	Court. Subdivision 2	676187.9	4862611.1	0.00E+00
38	Court. Subdivision 3	675974.8	4863484.1	0.00E+00
39	Court. Subdivision 4	676606.1	4863214.1	0.00E+00
40	Court. Subdivision 5	676827.1	4863591.4	0.00E+00
41	Court. Subdivision 6	677200.4	4864074.9	0.00E+00
42	Court. Subdivision 7	677719.8	4863625.1	0.00E+00
43	Court. Subdivision 8	678271.6	4864200.6	0.00E+00
44	Court. Subdivision 9	678184.4	4863373.6	0.00E+00
45	Court. Subdivision 10	677179.7	4862499.5	0.00E+00
46	Bow. Subdivision 1	683536.7	4864215.2	0.00E+00
47	Bow. Subdivision 2	683770.0	4863915.1	0.00E+00
48	Bow. Subdivision 3	683671.0	4863534.1	0.00E+00
49	Bow. Subdivision 4	684501.9	4863847.4	0.00E+00
50	Bow. Subdivision 5	684242.9	4863518.8	0.00E+00
51	Bow. Subdivision 6	684271.4	4863201.5	0.00E+00
52	Bow. Subdivision 7	683992.6	4862628.1	0.00E+00
53	Bow. Subdivision 8	684608.2	4862956.8	0.00E+00
54	Bow. Subdivision 9	684777.3	4863330.5	0.00E+00





Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	PCIS
		(m)	(m)	
55	Bow. Subdivision 10	685266.0	4863243.1	0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3	0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8	0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0	0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1	0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3	0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2	0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2	0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7	0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3	0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8	0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7	0.00E+00
67	Daycare B	685172.4	4863933.1	0.00E+00
68	Daycare C	685452.0	4863104.4	0.00E+00
69	Daycare D	685527.7	4864693.3	0.00E+00
70	Daycare E	685735.4	4864790.8	0.00E+00
71	Daycare F	685520.3	4864854.3	0.00E+00
72	Daycare G	685441.9	4864878.0	0.00E+00
73	Daycare H	686364.8	4864707.8	0.00E+00
74	Daycare I	685721.6	4865127.3	0.00E+00
75	Daycare J	678256.3	4863565.4	0.00E+00
76	Daycare K	677694.1	4864043.7	0.00E+00
77	Daycare L	676479.5	4862526.2	0.00E+00
78	Daycare M	678320.9	4864763.5	0.00E+00
79	Daycare N	678513.4	4865058.0	0.00E+00
80	Daycare O	672788.7	4863936.6	0.00E+00
81	Daycare P	673952.8	4863592.5	0.00E+00
82	Daycare Q	671751.8	4864887.7	0.00E+00
83	Daycare R	685714.4	4864667.4	0.00E+00
84	Daycare S	684177.9	4863618.2	0.00E+00
85	Daycare T	678423.6	4864480.4	0.00E+00
86	Daycare U	685330.5	4863435.1	0.00E+00
87	Daycare V	685153.2	4863236.9	0.00E+00
88	Daycare W	672679.0	4862044.9	0.00E+00
89	Daycare X	672076.5	4865285.8	0.00E+00
90	Daycare Y	672638.0	4859664.4	0.00E+00
91	Daycare Z	673735.9	4858958.0	0.00E+00
92	Daycare AA	673121.8	4863385.9	0.00E+00
93	Daycare BB	673904.8	4862282.2	0.00E+00
94	Daycare CC	671471.6	4861795.3	0.00E+00
95	Daycare DD	673057.3	4862625.6	0.00E+00
96	Daycare EE	674917.1	4863957.2	0.00E+00
97	Daycare FF	671356.6	4862954.4	0.00E+00
98	Daycare GG	671675.5	4862705.8	0.00E+00
99	Daycare HH	671604.8	4860138.1	0.00E+00
100	Daycare II	670945.2	4857983.8	0.00E+00
101	Daycare JJ	677514.6	4864744.1	0.00E+00
102	Daycare KK	676519.9	4862680.1	0.00E+00
103	Daycare LL	677660.6	4863601.3	0.00E+00
104	Court. Subdivision 11	677665.8	4863406.6	0.00E+00
105	Daycare NN	674866.3	4864667.2	0.00E+00
106	Daycare OO	673201.0	4864746.4	0.00E+00
107	Daycare PP	674794.5	4864915.4	0.00E+00
108	Hospital	686324.2	4864395.8	0.00E+00



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	PCIS
		(m)	(m)	
109	Hospital (Children [s])	676057.8	4862180.9	0.00E+00
110	Hospital	671233.2	4863615.9	0.00E+00
111	Comm. Resp. Services	676045.4	4863902.5	0.00E+00
112	Hospital	671712.7	4862364.1	0.00E+00
113	Retirement Residence A	684199.9	4864120.3	0.00E+00
114	Retirement Residence B	685483.9	4865150.9	0.00E+00
115	Retirement Residence C	686844.0	4864732.1	0.00E+00
116	Retirement Residence D	673481.7	4863343.4	0.00E+00
117	Retirement Residence E	671825.2	4864399.0	0.00E+00
118	Retirement Residence F	671606.3	4864536.0	0.00E+00
119	Retirement Residence G	671357.1	4862958.7	0.00E+00
120	Retirement Residence H	671514.0	4862262.9	0.00E+00
121	Retirement Residence I	672602.2	4863075.9	0.00E+00
122	Retirement Residence J	671719.1	4862893.1	0.00E+00
123	Retirement Residence K	686718.0	4865648.7	0.00E+00
124	Retirement Residence L	676168.7	4865669.9	0.00E+00
125	Retirement Residence M	676118.5	4863980.7	0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7	0.00E+00
127	Primary School B	685384.8	4863575.3	0.00E+00
128	Primary School C	685021.6	4863952.9	0.00E+00
129	Primary School D	686237.0	4864085.5	0.00E+00
130	Primary School E	686719.0	4863734.7	0.00E+00
131	Primary School F	686357.0	4864754.9	0.00E+00
132	Primary School G	685502.0	4865013.4	0.00E+00
133	Primary School H	686726.7	4866061.5	0.00E+00
134	Primary School I	685186.2	4866568.2	0.00E+00
135	Primary School J	685965.3	4866979.0	0.00E+00
136	Primary School K	677709.9	4864726.5	0.00E+00
137	Primary School L	675988.3	4864270.2	0.00E+00
138	Primary School M	676608.7	4862739.0	0.00E+00
139	Primary School N	677222.2	4863759.1	0.00E+00
140	Primary School O	678154.9	4863872.7	0.00E+00
141	Court. Subdivision 12	678309.6	4863600.8	0.00E+00
142	Primary School Q	677010.6	4862470.6	0.00E+00
143	Primary School R	677431.3	4866694.7	0.00E+00
144	Primary School S	675266.2	4863562.9	0.00E+00
145	Primary School T	673479.2	4860029.4	0.00E+00
146	Primary School U	670856.0	4860710.6	0.00E+00
147	Primary School V	672660.2	4863909.2	0.00E+00
148	Primary School W	672735.2	4859232.9	0.00E+00
149	Primary School X	673575.8	4862688.6	0.00E+00
150	Primary School Y	673710.3	4861969.0	0.00E+00
151	Primary School Z	672366.0	4859928.1	0.00E+00
152	Primary School AA	672561.7	4866047.1	0.00E+00
153	Primary School BB	675095.1	4862930.4	0.00E+00
154	Primary School CC	673242.6	4865197.9	0.00E+00
155	Primary School DD	674164.9	4863031.3	0.00E+00
156	Primary School EE	671905.6	4864697.8	0.00E+00
157	Primary School FF	673294.9	4858774.5	0.00E+00
158	Primary School GG	671659.7	4863120.0	0.00E+00
159	Primary School HH	673853.4	4866711.0	0.00E+00
160	Primary School II	672616.7	4862114.9	0.00E+00
161	Primary School JJ	673567.2	4861899.5	0.00E+00
162	Primary School KK	671791.0	4861954.2	0.00E+00



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	PCIS
		(m)	(m)	
163	Primary School LL	673762.3	4864210.6	0.00E+00
164	Primary School MM	672238.8	4864621.3	0.00E+00
165	Primary School NN	673213.6	4858677.0	0.00E+00
166	Primary School OO	675474.8	4863221.7	0.00E+00
167	Primary School PP	672441.8	4858748.6	0.00E+00
168	Primary School QQ	672796.8	4864438.2	0.00E+00
169	Primary School RR	671351.4	4863284.0	0.00E+00
170	Primary School SS	673213.9	4862125.5	0.00E+00
171	Primary School TT	671017.9	4860953.7	0.00E+00
172	Primary School UU	670991.0	4861089.8	0.00E+00
173	Primary School VV	674150.1	4862294.8	0.00E+00
174	Primary School WW	672005.2	4861707.9	0.00E+00
175	Primary School XX	684172.1	4863615.6	0.00E+00
176	Primary School YY	683923.3	4866636.4	0.00E+00
177	Primary School ZZ	680446.0	4865770.5	0.00E+00
178	Vacant School	685612.9	4864520.0	0.00E+00
179	Secondary School A	686291.4	4865064.3	0.00E+00
180	Secondary School B	683875.0	4864741.7	0.00E+00
181	Secondary School C	684650.3	4866460.3	0.00E+00
182	Secondary School D	678099.5	4864838.2	0.00E+00
183	Secondary School E	678467.0	4863431.2	0.00E+00
184	Secondary School F	674144.9	4862762.7	0.00E+00
185	Secondary School G	673816.0	4864357.1	0.00E+00
186	Secondary School H	673145.4	4858569.0	0.00E+00
187	Secondary School I	671291.7	4863581.3	0.00E+00
188	Secondary School J	671443.2	4861664.9	0.00E+00
189	Secondary School K	673235.3	4860885.0	0.00E+00
190	Secondary School L	684252.7	4866500.5	0.00E+00
191	Secondary School M	673914.1	4859551.7	0.00E+00
192	Secondary School N	675051.5	4864177.2	0.00E+00
193	Adult School	685276.1	4866019.8	0.00E+00
194	Bow. Valley Cons. 1	685356.6	4864521.2	0.00E+00
195	Bow. Valley Cons. 2	685627.7	4864167.8	0.00E+00
196	Bow. Valley Cons. 4	685852.7	4863640.2	0.00E+00
197	Bow. Valley Cons. 5	686163.1	4863621.5	0.00E+00
198	Bow. Valley Cons. 6	685931.9	4863380.6	0.00E+00
199	Maple Grove 1	681688.5	4864717.0	0.00E+00
200	Maple Grove 2	681768.9	4864631.8	0.00E+00
201	Maple Grove 3	681894.9	4864506.8	0.00E+00
202	Maple Grove 4	681974.8	4864443.2	0.00E+00
203	Maple Grove 5	681942.2	4864676.7	0.00E+00
204	Maple Grove 6	682053.2	4864586.2	0.00E+00
205	Maple Grove 7	682168.5	4864631.3	0.00E+00
206	Maple Grove 8	682261.7	4864520.9	0.00E+00
207	Maple Grove 9	682382.1	4864589.4	0.00E+00
208	Maple Grove 10	682459.8	4864499.2	0.00E+00
209	Port Darlington 1	686227.8	4861159.0	0.00E+00
210	Port Darlington 2	686184.8	4861252.0	0.00E+00
211	Port Darlington 3	686151.2	4861286.8	0.00E+00
212	Port Darlington 4	686351.1	4861341.6	0.00E+00
213	Port Darlington 5	686406.8	4861448.7	0.00E+00
214	Port Darlington 6	686504.5	4861604.0	0.00E+00
215	Port Darlington 7	686703.0	4861789.3	0.00E+00
216	Port Darlington 8	686895.8	4861960.2	0.00E+00



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	PCIS
		(m)	(m)	
217	Port Darlington 9	686867.4	4862119.7	0.00E+00
218	Port Darlington 10	687190.7	4862048.8	0.00E+00
219	Port Darlington 11	687524.4	4862126.8	0.00E+00
220	Campground 1	678646.3	4860337.7	0.00E+00
221	Campground 2	678410.2	4860148.6	0.00E+00
222	Campground 3	678651.0	4860054.4	0.00E+00
223	Campground 4	678725.9	4859860.7	0.00E+00
224	Campground 5	678511.1	4859808.6	0.00E+00
225	Campground 6	678869.5	4859696.0	0.00E+00
226	Campground 7	678723.9	4860201.8	0.00E+00
227	Campground 8	678796.0	4860011.4	0.00E+00
228	Campground 9	678852.7	4859854.2	0.00E+00
229	Solina 1	681099.6	4861677.2	0.00E+00
230	Solina 2	681115.7	4861857.7	0.00E+00
231	Solina 3	680987.4	4861983.5	0.00E+00
232	Solina 4	680965.0	4862068.1	0.00E+00
233	Solina 5	681021.5	4862086.7	0.00E+00
234	Solina 6	680939.8	4862124.3	0.00E+00
235	Solina 7	680988.2	4862183.6	0.00E+00
236	Solina 8	680984.6	4862209.8	0.00E+00
237	Solina 9	680958.6	4862294.9	0.00E+00
238	Solina 10	680858.0	4862324.3	0.00E+00
239	Solina 11	680990.3	4862403.5	0.00E+00
240	Recreational 1	681545.0	4860865.0	0.00E+00
241	Recreational 2	681563.7	4860687.4	0.00E+00
242	Recreational 3	681579.7	4860610.0	0.00E+00
243	Recreational 6	681876.6	4860254.4	0.00E+00
244	Recreational 7	682166.9	4860324.4	0.00E+00
245	Darlington 1	679565.4	4861052.9	0.00E+00
246	Darlington 2	679452.9	4861051.4	0.00E+00
247	Darlington 3	679130.5	4860948.8	0.00E+00
248	Darlington 4	679112.6	4860941.9	0.00E+00
249	Darlington 5	679057.6	4860994.1	0.00E+00
250	Darlington 6	679075.2	4860931.6	0.00E+00
251	Darlington 7	678814.3	4860843.1	0.00E+00
252	Darlington 8	678840.4	4860777.1	0.00E+00
253	Light Ind. 1	680000.1	4861034.1	0.00E+00
254	Light Ind. 2	680060.7	4861056.4	0.00E+00
255	Light Ind. 3	680291.2	4861151.6	0.00E+00
256	Light Ind. 4	680536.3	4861204.6	0.00E+00
257	Light Ind. 5	680350.4	4861290.6	0.00E+00
258	Light Ind. 6	680306.9	4861275.6	0.00E+00
259	Light Ind. 7	680267.2	4861262.4	0.00E+00
260	Light Ind. 8	680233.6	4861250.7	0.00E+00
261	Light Ind. 9	680175.3	4861227.5	0.00E+00
262	Light Ind. 10	680092.5	4861185.1	0.00E+00
263	Light Ind. 11	680071.6	4861246.6	0.00E+00
264	Light Ind. 12	680021.4	4861186.9	0.00E+00
265	Future Industrial 7	680816.2	4860219.3	0.00E+00
266	Future Industrial 8	680398.0	4860731.8	0.00E+00
267	Future Industrial 1	680359.6	4859959.2	0.00E+00
268	Future Industrial 2	680083.7	4859985.7	0.00E+00
269	Future Industrial 3	680819.9	4860705.3	0.00E+00
270	Future Industrial 4	681070.0	4859937.2	0.00E+00





Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	PCIS
		(m)	(m)	
271	Future Industrial 5	679898.8	4860067.4	0.00E+00
272	Future Industrial 6	680134.8	4860694.1	0.00E+00
273	Future Industrial 11	680253.7	4860255.2	0.00E+00
274	Future Industrial 12	679901.2	4860511.8	0.00E+00
275	Commercial Farmer	679867.8	4860445.4	0.00E+00
276	Farmer	679277.0	4859981.5	0.00E+00
277	Residence	679387.2	4860648.9	0.00E+00
278	Barn	679261.9	4860574.2	0.00E+00
279	Residence	680150.7	4861295.7	0.00E+00
280	Residence	679939.8	4861213.4	0.00E+00
281	Farmer	680855.7	4861456.9	0.00E+00
282	Farmer	681386.2	4861673.3	0.00E+00
283	Residence	680683.5	4861597.9	0.00E+00
284	Business	680064.3	4861343.7	0.00E+00
285	Farmer	679680.1	4861213.5	0.00E+00
286	Farmer	681344.8	4861792.9	0.00E+00
287	Youth Centre	685644.2	4864814.8	0.00E+00
288	Bowmanville Arena	685462.9	4864615.2	0.00E+00
289	Bowmanville Rec Complex	684160.3	4864604.5	0.00E+00
290	Recreation Complex	684586.6	4862406.3	0.00E+00
291	Superdog Central	681487.7	4865723.3	0.00E+00
292	Equestrian Centre	681567.1	4863670.7	0.00E+00
293	Flea Market	678574.6	4862819.4	0.00E+00
294	Equestrian Centre	680030.8	4867320.2	0.00E+00
295	Courtice Community Complex	678099.3	4864629.8	0.00E+00
296	Former Restaurant	679830.2	4860702.2	0.00E+00
297	Commercial	679364.8	4861016.0	0.00E+00
298	GM Oshawa Headquarters	676418.3	4860463.7	0.00E+00
299	Farm A?	682972.3	4862201.9	0.00E+00
300	Farm B?	683546.9	4861959.7	0.00E+00
301	Farm C?	682547.5	4862321.1	0.00E+00
302	Farm D?	683238.3	4862393.3	0.00E+00
303	Farm E?	682512.6	4862858.0	0.00E+00
304	Farm F?	683129.1	4863649.4	0.00E+00
305	Bennett 1	688209.3	4862512.1	0.00E+00
306	Bennett 2	687990.0	4863221.3	0.00E+00
307	Bennett 3	688818.4	4862836.3	0.00E+00
308	Bennett 4	689045.1	4863365.5	0.00E+00
309	Bennett 5	688270.5	4863763.1	0.00E+00
310	Bennett 6	689908.5	4863100.5	0.00E+00
311	Bennett 7	688929.9	4864392.0	0.00E+00
312	Bennett 8	689684.2	4863837.7	0.00E+00
313	Soper 1	687557.9	4862512.4	0.00E+00
314	Soper 2	687241.9	4863171.7	0.00E+00
315	Soper 3	687023.2	4863903.8	0.00E+00
316	Soper 4	688158.2	4865389.3	0.00E+00
317	Soper 5	685027.3	4868253.9	0.00E+00
318	Soper 6	687287.4	4867037.3	0.00E+00
319	Soper 7	685683.2	4867148.1	0.00E+00
320	Soper 8	686748.7	4865874.7	0.00E+00
321	Bowmanville 1	687026.3	4862368.4	0.00E+00
322	Bowmanville 2	686625.7	4863020.3	0.00E+00
323	Bowmanville 3	683380.3	4865365.9	0.00E+00
324	Bowmanville 4	683111.4	4867150.3	0.00E+00



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	PCIS
		(m)	(m)	
325	Bowmanville 5	682452.2	4869417.5	0.00E+00
326	Bowmanville 6	684778.5	4864888.2	0.00E+00
327	Bowmanville 7	684549.5	4866404.4	0.00E+00
328	Upper Tooley 1	679944.8	4864883.1	0.00E+00
329	Upper Tooley 2	679055.1	4863885.8	0.00E+00
330	Upper Tooley 3	679714.0	4862767.4	0.00E+00
331	Upper Tooley 4	678898.8	4861800.6	0.00E+00
332	Upper Tooley 5	680353.5	4862156.5	0.00E+00
333	Upper Tooley 6	679818.1	4861625.7	0.00E+00
334	Robinson 1	678434.8	4860943.1	0.00E+00
335	Robinson 2	677752.6	4861240.6	0.00E+00
336	Robinson 3	677642.2	4861787.2	0.00E+00
337	Robinson 4	678532.7	4862143.6	0.00E+00
338	Robinson 5	678005.1	4862784.9	0.00E+00
339	Robinson 6	677882.7	4860587.7	0.00E+00
340	F/B 1	677443.1	4867862.1	0.00E+00
341	F/B 2	679667.4	4866611.4	0.00E+00
342	F/B 3	678655.0	4867470.1	0.00E+00
343	F/B 4	676191.2	4866844.7	0.00E+00
344	F/B 5	678273.3	4866093.0	0.00E+00
345	F/B 6	681241.2	4867098.8	0.00E+00
346	F/B 7	682165.3	4868082.3	0.00E+00
347	F/B 8	679366.6	4868628.3	0.00E+00
348	F/B 9	680310.1	4869967.1	0.00E+00
349	F/B 10	676487.3	4869291.6	0.00E+00
350	F/B 11	676851.4	4865409.3	0.00E+00
351	F/B 12	681153.3	4868682.2	0.00E+00
352	F/B 13	675416.3	4859833.9	0.00E+00
353	Second 1	675153.4	4860552.8	0.00E+00
354	Second 2	675297.5	4860891.3	0.00E+00
355	Second 3	675647.2	4860644.9	0.00E+00
356	Second 4	675670.5	4860076.5	0.00E+00
357	Second 5	676043.3	4860319.1	0.00E+00
358	Second 6	675923.4	4859821.4	0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8	0.00E+00
360	McLaughlin Bay 2	677310.8	4860528.2	0.00E+00
361	McLaughlin Bay 3	676563.5	4860260.1	0.00E+00
362	McLaughlin Bay 4	676699.5	4859696.6	0.00E+00
363	McLaughlin Bay 5	677560.0	4860060.1	0.00E+00
364	McLaughlin Bay 6	678204.5	4859832.5	0.00E+00
365	Harmony Creek 1	674178.3	4861024.2	0.00E+00
366	Harmony Creek 2	674592.0	4862605.3	0.00E+00
367	Harmony Creek 3	672863.4	4862808.0	0.00E+00
368	Harmony Creek 4	675671.6	4864469.0	0.00E+00
369	Harmony Creek 5	672443.1	4864713.0	0.00E+00
370	Harmony Creek 6	674830.5	4866909.6	0.00E+00
371	Harmony Creek 7	675799.9	4868594.1	0.00E+00
372	Westside 1	686082.6	4862776.6	0.00E+00
373	Westside 2	685778.7	4862137.9	0.00E+00
374	Westside 3	685084.2	4862827.4	0.00E+00
375	Darlington 1	680977.5	4865674.4	0.00E+00
376	Darlington 2	680913.9	4863967.1	0.00E+00
377	Darlington 3	682602.8	4863659.6	0.00E+00
378	Darlington 4	682206.4	4862910.4	0.00E+00



Appendix F - 8: Predicted Annual Ground Level Contaminant Concentrations at the Special Receptors - Scenario 1B

Receptor	Name	UTM E	UTM N	PCIS
		(m)	(m)	
379	Darlington 5	683223.2	4861114.0	0.00E+00
380	Darlington 6	683947.7	4862362.0	0.00E+00
381	Darlington 7	685361.9	4861143.4	0.00E+00
382	Bennett ECO/HH	688606.4	4862634.8	0.00E+00
383	Oshawa ECO/HH	673884.9	4859128.9	0.00E+00
384	Oshawa Creek 1	671671.2	4862793.7	0.00E+00
385	Oshawa Creek 2	671668.5	4861589.5	0.00E+00
386	Oshawa Creek 3	672820.2	4861287.2	0.00E+00
387	Oshawa Creek 4	672360.3	4860262.6	0.00E+00
388	Oshawa Creek 5	673921.2	4860115.0	0.00E+00
389	Oshawa Creek 6	673154.0	4859421.9	0.00E+00
390	Farmer	677409.8	4861051.4	0.00E+00
391	Commercial Market	688276.3	4864698.5	0.00E+00

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals							
																		Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
																		(m)	(m)	Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21
Background Concentration (ug/m3)	19.52			64.57	1040.00			22.82	86.16					5.78E-08	1.02E-04	0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03			
1	Campground 10	678526.8	4859996.8		30.82	2.91	0.29	103.64	1054.53	5.77	28.59	91.93	1.74	15.82		7.72E-08	1.26E-04	0.53	8.23E-03	4.54E-03	0.02	8.43E-04	0.23	3.73E-03	0.01
2	ECO 2	675490.4	4860360.1		25.41	1.51	0.15	84.92	1047.57	5.17	27.99	91.33	0.91	8.24		6.79E-08	1.14E-04	0.52	7.81E-03	4.48E-03	0.02	7.91E-04	0.21	2.65E-03	7.74E-03
3	Recreational 5	681642.0	4860349.3		42.00	5.78	0.58	142.30	1068.91	6.18	29.00	92.34	3.47	31.48		9.63E-08	1.49E-04	0.54	9.11E-03	4.68E-03	0.02	9.49E-04	0.28	5.97E-03	0.03
4	ECO 4	676831.5	4859840.9		24.62	1.31	0.13	82.21	1046.56	2.64	25.46	88.80	0.79	7.14		6.65E-08	1.13E-04	0.52	7.75E-03	4.47E-03	0.02	7.84E-04	0.21	2.49E-03	6.70E-03
5	Bow. Valley Cons. 3	685767.2	4863879.0		22.74	0.83	0.08	75.71	1044.14	1.67	24.49	87.83	0.50	4.51		6.33E-08	1.09E-04	0.52	7.60E-03	4.45E-03	0.02	7.66E-04	0.20	2.12E-03	4.23E-03
6	ECO 6	679647.8	4859989.3		32.81	3.42	0.34	110.50	1057.08	4.53	27.35	90.69	2.05	18.60		8.06E-08	1.30E-04	0.53	8.39E-03	4.57E-03	0.02	8.62E-04	0.24	4.13E-03	0.02
7	ECO 7	681578.8	4862070.1		28.48	2.31	0.23	95.56	1051.53	3.26	26.08	89.42	1.38	12.55		7.31E-08	1.21E-04	0.53	8.05E-03	4.52E-03	0.02	8.21E-04	0.22	3.26E-03	0.01
8	ECO 8	679735.5	4861048.6		39.83	5.22	0.52	134.79	1066.11	5.28	28.10	91.44	3.13	28.43		9.26E-08	1.44E-04	0.54	8.94E-03	4.65E-03	0.02	9.29E-04	0.27	5.53E-03	0.03
9	ECO 9	687219.7	4864249.3		22.01	0.64	0.06	73.17	1043.20	2.99	25.81	89.15	0.38	3.48		6.20E-08	1.07E-04	0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.97E-03	3.27E-03
10	ECO 10	686519.0	4861987.6		23.23	0.95	0.10	77.39	1044.77	2.05	24.87	88.21	0.57	5.19		6.41E-08	1.10E-04	0.52	7.64E-03	4.45E-03	0.02	7.71E-04	0.20	2.21E-03	4.87E-03
11	ECO 11	679870.4	4859737.9		29.72	2.62	0.26	99.83	1053.11	3.76	26.58	89.92	1.57	14.28		7.53E-08	1.23E-04	0.53	8.14E-03	4.53E-03	0.02	8.33E-04	0.23	3.51E-03	0.01
12	Recreational 4	681575.5	4860557.7		46.12	6.84	0.68	156.54	1074.20	7.19	30.01	93.35	4.10	37.24		1.03E-07	1.57E-04	0.55	9.43E-03	4.73E-03	0.02	9.89E-04	0.30	6.79E-03	0.03
13	Future Industrial 9	680704.5	4859857.8		39.43	5.12	0.51	133.40	1065.60	7.23	30.05	93.39	3.07	27.87		9.19E-08	1.43E-04	0.54	8.90E-03	4.65E-03	0.02	9.25E-04	0.27	5.45E-03	0.03
14	Future Industrial 10	680608.0	4860719.6		45.31	6.63	0.66	153.74	1073.16	9.87	32.69	96.03	3.98	36.11		1.02E-07	1.56E-04	0.55	9.36E-03	4.72E-03	0.02	9.81E-04	0.30	6.63E-03	0.03
15	Harmony Creek	673992.4	4865641.4		21.56	0.52	0.05	71.62	1042.62	2.04	24.86	88.20	0.31	2.86		6.13E-08	1.07E-04	0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19	1.88E-03	2.68E-03
16	Farewell Creek	678079.2	4868822.7		21.70	0.56	0.06	72.11	1042.80	2.96	25.78	89.12	0.34	3.05		6.15E-08	1.07E-04	0.52	7.52E-03	4.43E-03	0.02	7.56E-04	0.19	1.91E-03	2.87E-03
17	Farmer	681378.6	4860335.0		39.29	5.08	0.51	132.91	1065.42	5.37	28.19	91.53	3.05	27.68		9.17E-08	1.43E-04	0.54	8.89E-03	4.64E-03	0.02	9.24E-04	0.27	5.42E-03	0.03
18	Watson Farm	682883.4	4864219.7		24.81	1.36	0.14	82.87	1046.80	3.48	26.30	89.64	0.82	7.41		6.69E-08	1.13E-04	0.52	7.76E-03	4.47E-03	0.02	7.86E-04	0.21	2.53E-03	6.95E-03
19	Racanski Farm	678929.2	4865530.2		22.77	0.84	0.08	75.80	1044.18	2.75	25.57	88.91	0.50	4.55		6.33E-08	1.09E-04	0.52	7.60E-03	4.45E-03	0.02	7.66E-04	0.20	2.12E-03	4.27E-03
20	Zoo	687216.8	4864835.3		22.05	0.65	0.07	73.32	1043.25	2.55	25.37	88.71	0.39	3.54		6.21E-08	1.08E-04	0.52	7.54E-03	4.44E-03	0.02	7.60E-04	0.20	1.98E-03	3.33E-03
21	Cedar Crest Beach	686652.1	4861660.9		24.00	1.15	0.12	80.08	1045.77	1.91	24.73	88.07	0.69	6.28		6.55E-08	1.12E-04	0.52	7.70E-03	4.46E-03	0.02	7.78E-04	0.20	2.78E-03	5.89E-03
22	Darlington Prov Park Beach	677844.6	4859718.2		26.21	1.72	0.17	87.71	1048.60	4.30	27.12	90.46	1.03	9.37		6.93E-08	1.16E-04	0.53	7.87E-03	4.49E-03	0.02	7.99E-04	0.21	2.81E-03	8.79E-03
23	OPG 1	682258.1	4860045.0		29.55	2.58	0.26	99.26	1052.90	4.49	27.31	90.65	1.55	14.05		7.50E-08	1.23E-04	0.53	8.13E-03	4.53E-03	0.02	8.31E-04	0.23	3.48E-03	0.01
24	OPG 2	682551.4	4859889.1		27.92	2.16	0.22	93.62	1050.80	4.05	26.87	90.21	1.30	11.76		7.22E-08	1.20E-04	0.53	8.00E-03	4.51E-03	0.02	8.15E-04	0.22	3.15E-03	0.01
25	OPG 3	682824.6	4859759.3		25.08	1.43	0.14	83.78	1047.14	3.63	26.45	89.79	0.86	7.78		6.73E-08	1.14E-04	0.52	7.78E-03	4.47E-03	0.02	7.88E-04	0.21	2.58E-03	7.30E-03
26	OPG 4	683021.6	4859937.3		25.90	1.64	0.16	86.63	1048.20	3.49	26.31	89.65	0.98	8.93		6.87E-08	1.15E-04	0.52	7.85E-03	4.48E-03	0.02	7.96E-04	0.21	2.75E-03	8.38E-03
27	OPG 5	683318.2	4859677.8		25.28	1.48	0.15	84.47	1047.40	3.28	26.10	89.44	0.89	8.06		6.76E-08	1.14E-04	0.52	7.80E-03	4.48E-03	0.02	7.90E-04	0.21	2.62E-03	7.56E-03
28	OPG 6	683306.9	4860023.0		27.45	2.04	0.20	91.99	1050.20	3.18	26.00	89.34	1.22	11.10		7.14E-08	1.19E-04	0.53	7.97E-03	4.50E-03	0.02	8.11E-04	0.22	3.06E-03	0.01
29	OPG 7	683718.6	4859915.8		26.47	1.79	0.18	88.59	1048.93	2.97	25.79	89.13	1.07	9.73		6.97E-08	1.17E-04	0.53	7.89E-03	4.49E-03	0.02	8.02E-04	0.22	2.86E-03	9.13E-03
30	OPG 8	682702.0	4859998.6		27.02	1.93	0.19	90.51	1049.65	3.94	26.76	90.10	1.16	10.50		7.06E-08	1.18E-04	0.53	7.93E-03	4.50E-03	0.02	8.07E-04	0.22	2.97E-03	9.86E-03
31	OPG 9	684347.7	4861184.6		24.79	1.36	0.14	82.80	1046.78	2.20	25.02	88.36	0.81	7.38		6.68E-08	1.13E-04	0.52	7.76E-03	4.47E-03	0.02	7.86E-04	0.21	2.53E-03	6.93E-03
32	OPG 10	682157.2	4861228.2		31.66	3.12	0.31	106.56	1055.61	4.17	26.99	90.33	1.87	17.00		7.86E-08	1.27E-04	0.53	8.30E-03	4.55E-03	0.02	8.51E-04	0.24	3.90E-03	0.02
33	St. Mary's 1	684557.0	4861070.0		26.04	1.68	0.17	87.12	1048.38	2.06	24.88	88.22	1.01	9.13		6.90E-08	1.16E-04	0.52	7.86E-03	4.49E-03	0.02	7.98E-04	0.21	2.78E-03	8.57E-03
34	St. Mary's 2	684657.3	4861320.8		24.02	1.16	0.12	80.13	1045.78	1.98	24.80	88.14	0.69	6.30		6.55E-08	1.12E-04	0.52	7.70E-03	4.46E-03	0.02	7.78E-04	0.20	2.37E-03	5.91E-03
35	St. Mary's 3	684905.3	4861154.4		25.13	1.44	0.14	83.96	1047.21	2.04	24.86	88.20	0.87	7.85		6.74E-08	1.14E-04	0.52	7.78E-03	4.47E-03	0.02	7.89E-04	0.21	2.59E-03	7.37E-03
36	Court. Subdivision 1	677328.4	4862976.1		25.06	1.43	0.14	83.74	1047.13	7.89	30.71	94.05	0.86	7.76		6.73E-08	1.14E-04	0.52	7.78E-03	4.47E-03	0.02	7.88E-04	0.21	2.58E-03	7.29E-03
37	Court. Subdivision 2	676187.9	4862611.1		26.81	1.88	0.19	89.78	1049.38	2.92	25.74	89.08	1.13	10.21		7.03E-08	1.17E-04	0.53	7.92E-03	4.49E-03	0.02	8.05E-04	0.22	2.93E-03	9.58E-03
38	Court. Subdivision 3	675974.8	4863484.1		23.69	1.07	0.11	79.00	1045.37	2.79	25.61	88.95	0.64	5.84		6.49E-08	1.11E-04	0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	2.31E-03	5.49E-03
39	Court. Subdivision 4	676606.1	4863214.1		23.24	0.96	0.10	77.42	1044.78	4.65	27.47	90.81	0.57	5.20		6.42E-08	1.10E-04	0.52	7.64E-03	4.45E-03	0.02	7.71E-04	0.20	2.21E-03	4.89E-03
40	Court. Subdivision 5	676827.1	4863591.4		23.91	1.13	0.11	79.76	1045.65	6.08	28.90	92.24	0.68	6.15		6.53E-08	1.11E-04	0.52	7.69E-03	4.46E-03	0.02	7.77E-04	0.20	2.35E-03	5.77E-03
41	Court. Subdivision 6	677200.4	4864074.9		27.41	2.03	0.20	91.86	1050.15	6.55	29.37	92.71	1.22	11.05		7.13E-08	1.19E-04	0.53	7.96E-03	4.50E-03	0.02	8.11E-04	0.22	3.05E-03	0.01
42	Court. Subdivision 7	677719.8	4863625.1		28.03	2.19	0.22	94.00	1050.95	6.83	29.65	92.99	1.31	11.92		7.24E-08	1.20E-04	0.53	8.01E-03	4.51E-03	0.02	8.16E-04	0.22	3.17E-03	0.01
43	Court. Subdivision 8	678271.6																							



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals								
		(m)	(m)															Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)
					3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51	4.58	5.61E-09	6.76E-06			3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05	0.01	6.55E-04	4.30E-03
					19.52			64.57	1040.00		22.82	86.16			5.78E-08	1.02E-04			0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03	
54	Bow. Subdivision 9	684777.3	4863330.5		23.66	1.07	0.11	78.89	1045.33	2.12	24.94	88.28	0.64	5.80	6.49E-08	1.11E-04			0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	2.30E-03	5.44E-03
55	Bow. Subdivision 10	685266.0	4863243.1		23.84	1.11	0.11	79.51	1045.55	1.92	24.74	88.08	0.67	6.05	6.52E-08	1.11E-04			0.52	7.68E-03	4.46E-03	0.02	7.77E-04	0.20	2.33E-03	5.68E-03
56	Osh/Court Subdivision 1	677396.8	4860977.3		28.56	2.33	0.23	95.83	1051.63	7.70	30.52	93.86	1.40	12.66	7.33E-08	1.21E-04			0.53	8.05E-03	4.52E-03	0.02	8.22E-04	0.22	3.28E-03	0.01
57	Osh/Court Subdivision 2	676633.5	4860816.8		25.79	1.61	0.16	86.25	1048.06	4.31	27.13	90.47	0.97	8.78	6.85E-08	1.15E-04			0.52	7.84E-03	4.48E-03	0.02	7.95E-04	0.21	2.72E-03	8.24E-03
58	Osh/Court Subdivision 3	676916.0	4861925.0		25.02	1.41	0.14	83.59	1047.07	4.71	27.53	90.87	0.85	7.70	6.72E-08	1.14E-04			0.52	7.78E-03	4.47E-03	0.02	7.88E-04	0.21	2.57E-03	7.23E-03
59	Osh/Court Subdivision 4	676730.5	4861317.1		24.59	1.30	0.13	82.09	1046.51	4.31	27.13	90.47	0.78	7.09	6.65E-08	1.13E-04			0.52	7.74E-03	4.47E-03	0.02	7.84E-04	0.21	2.48E-03	6.66E-03
60	Osh/Court Subdivision 5	676087.2	4861392.3		25.30	1.49	0.15	84.55	1047.43	3.54	26.36	89.70	0.89	8.09	6.77E-08	1.14E-04			0.52	7.80E-03	4.48E-03	0.02	7.90E-04	0.21	2.63E-03	7.60E-03
61	Osh/Court Subdivision 6	676177.1	4861722.2		24.58	1.30	0.13	82.05	1046.50	3.25	26.07	89.41	0.78	7.08	6.64E-08	1.13E-04			0.52	7.74E-03	4.47E-03	0.02	7.84E-04	0.21	2.48E-03	6.64E-03
62	Osh/Court Subdivision 7	675670.7	4861783.2		24.58	1.30	0.13	82.07	1046.51	3.14	25.96	89.30	0.78	7.09	6.65E-08	1.13E-04			0.52	7.74E-03	4.47E-03	0.02	7.84E-04	0.21	2.48E-03	6.65E-03
63	Osh/Court Subdivision 8	676050.8	4862055.7		25.22	1.47	0.15	84.28	1047.33	2.87	25.69	89.03	0.88	7.98	6.76E-08	1.14E-04			0.52	7.79E-03	4.48E-03	0.02	7.90E-04	0.21	2.61E-03	7.49E-03
64	Osh/Court Subdivision 9	676636.9	4862134.3		25.24	1.47	0.15	84.35	1047.35	3.84	26.66	90.00	0.88	8.01	6.76E-08	1.14E-04			0.52	7.79E-03	4.48E-03	0.02	7.90E-04	0.21	2.61E-03	7.52E-03
65	Osh/Court Subdivision 10	676571.3	4861634.8		24.56	1.30	0.13	81.99	1046.48	3.91	26.73	90.07	0.78	7.05	6.64E-08	1.13E-04			0.52	7.74E-03	4.47E-03	0.02	7.83E-04	0.21	2.48E-03	6.62E-03
66	Bow. Subdivision 11	684649.2	4863182.7		23.89	1.12	0.11	79.70	1045.62	2.20	25.02	88.36	0.67	6.12	6.53E-08	1.11E-04			0.52	7.69E-03	4.46E-03	0.02	7.77E-04	0.20	2.35E-03	5.75E-03
67	Daycare B	685172.4	4863933.1		22.47	0.76	0.08	74.78	1043.80	1.97	24.79	88.13	0.46	4.13	6.28E-08	1.08E-04			0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20	2.06E-03	3.88E-03
68	Daycare C	685452.0	4863104.4		24.05	1.17	0.12	80.24	1045.83	2.12	24.94	88.28	0.70	6.35	6.56E-08	1.12E-04			0.52	7.70E-03	4.46E-03	0.02	7.79E-04	0.20	2.38E-03	5.96E-03
69	Daycare D	685527.7	4864693.3		22.68	0.81	0.08	75.49	1044.06	2.10	24.92	88.26	0.49	4.42	6.32E-08	1.09E-04			0.52	7.59E-03	4.45E-03	0.02	7.66E-04	0.20	2.10E-03	4.15E-03
70	Daycare E	685735.4	4864790.8		22.58	0.79	0.08	75.16	1043.94	2.04	24.86	88.20	0.47	4.29	6.30E-08	1.09E-04			0.52	7.59E-03	4.44E-03	0.02	7.65E-04	0.20	2.08E-03	4.02E-03
71	Daycare F	685520.3	4864854.3		22.02	0.64	0.06	73.20	1043.21	2.16	24.98	88.32	0.39	3.49	6.21E-08	1.07E-04			0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.97E-03	3.28E-03
72	Daycare G	685441.9	4864878.0		22.27	0.71	0.07	74.07	1043.53	2.20	25.02	88.36	0.42	3.85	6.25E-08	1.08E-04			0.52	7.56E-03	4.44E-03	0.02	7.62E-04	0.20	2.02E-03	3.61E-03
73	Daycare H	686364.8	4864707.8		22.13	0.67	0.07	73.59	1043.35	1.77	24.59	87.93	0.40	3.65	6.23E-08	1.08E-04			0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.99E-03	3.43E-03
74	Daycare I	685721.6	4865127.3		22.01	0.64	0.06	73.18	1043.20	2.14	24.96	88.30	0.38	3.48	6.20E-08	1.07E-04			0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.97E-03	3.27E-03
75	Daycare J	678256.3	4863565.4		33.61	3.62	0.36	113.27	1058.11	4.18	27.00	90.34	2.17	19.72	8.19E-08	1.31E-04			0.53	8.45E-03	4.58E-03	0.02	8.69E-04	0.25	4.29E-03	0.02
76	Daycare K	677694.1	4864043.7		24.96	1.40	0.14	83.37	1046.99	6.15	28.97	92.31	0.84	7.61	6.71E-08	1.14E-04			0.52	7.77E-03	4.47E-03	0.02	7.87E-04	0.21	2.56E-03	7.14E-03
77	Daycare L	676479.5	4862526.2		26.57	1.81	0.18	88.94	1049.06	3.94	26.76	90.10	1.09	9.87	6.99E-08	1.17E-04			0.53	7.90E-03	4.49E-03	0.02	8.03E-04	0.22	2.88E-03	9.26E-03
78	Daycare M	678320.9	4864763.5		22.74	0.83	0.08	75.70	1044.14	3.86	26.68	90.02	0.50	4.50	6.33E-08	1.09E-04			0.52	7.60E-03	4.45E-03	0.02	7.66E-04	0.20	2.11E-03	4.23E-03
79	Daycare N	678513.4	4865058.0		22.75	0.83	0.08	75.73	1044.15	3.43	26.25	89.59	0.50	4.52	6.33E-08	1.09E-04			0.52	7.60E-03	4.45E-03	0.02	7.66E-04	0.20	2.12E-03	4.24E-03
80	Daycare O	672788.7	4863936.6		22.95	0.88	0.09	76.42	1044.41	1.80	24.62	87.96	0.53	4.80	6.37E-08	1.09E-04			0.52	7.61E-03	4.45E-03	0.02	7.68E-04	0.20	2.16E-03	4.51E-03
81	Daycare P	673952.8	4863592.5		24.17	1.20	0.12	80.66	1045.98	2.04	24.86	88.20	0.72	6.52	6.58E-08	1.12E-04			0.52	7.71E-03	4.46E-03	0.02	7.80E-04	0.21	2.40E-03	6.12E-03
82	Daycare Q	671751.8	4864887.7		22.37	0.73	0.07	74.44	1043.67	1.79	24.61	87.95	0.44	4.00	6.27E-08	1.08E-04			0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20	2.04E-03	3.75E-03
83	Daycare R	685714.4	4864667.4		22.79	0.84	0.08	75.89	1044.21	2.01	24.83	88.17	0.51	4.58	6.34E-08	1.09E-04			0.52	7.60E-03	4.45E-03	0.02	7.67E-04	0.20	2.13E-03	4.30E-03
84	Daycare S	684177.9	4863618.2		24.38	1.25	0.13	81.38	1046.25	2.68	25.50	88.84	0.75	6.81	6.61E-08	1.12E-04			0.52	7.73E-03	4.47E-03	0.02	7.82E-04	0.21	2.44E-03	6.39E-03
85	Daycare T	678423.6	4864480.4		24.55	1.29	0.13	81.96	1046.47	3.49	26.31	89.65	0.78	7.04	6.64E-08	1.13E-04			0.52	7.74E-03	4.47E-03	0.02	7.83E-04	0.21	2.48E-03	6.61E-03
86	Daycare U	685330.5	4863435.1		24.14	1.19	0.12	80.56	1045.94	1.88	24.70	88.04	0.71	6.47	6.57E-08	1.12E-04			0.52	7.71E-03	4.46E-03	0.02	7.79E-04	0.21	2.40E-03	6.08E-03
87	Daycare V	685153.2	4863236.9		24.25	1.22	0.12	80.94	1046.09	1.96	24.78	88.12	0.73	6.63	6.59E-08	1.12E-04			0.52	7.72E-03	4.46E-03	0.02	7.80E-04	0.21	2.42E-03	6.22E-03
88	Daycare W	672679.0	4862044.9		22.03	0.64	0.06	73.23	1043.22	2.14	24.96	88.30	0.39	3.51	6.21E-08	1.07E-04			0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.97E-03	3.29E-03
89	Daycare X	672076.5	4865285.8		21.74	0.57	0.06	72.23	1042.85	1.89	24.71	88.05	0.34	3.10	6.16E-08	1.07E-04			0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.91E-03	2.91E-03
90	Daycare Y	672638.0	4859664.4		21.30	0.46	0.05	70.74	1042.29	2.07	24.89	88.23	0.28	2.50	6.08E-08	1.06E-04			0.52	7.49E-03	4.43E-03	0.02	7.52E-04	0.19	1.83E-03	2.34E-03
91	Daycare Z	673735.9	4858958.0		22.63	0.80																				

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05	0.01	6.55E-04
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03		
107	Daycare PP	674794.5	4864915.4		21.97	0.63	0.06	73.03	1043.15	2.29	25.11	88.45	0.38	3.43	6.20E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.96E-03	3.22E-03	
108	Hospital	686324.2	4864395.8		22.41	0.74	0.07	74.57	1043.72	1.82	24.64	87.98	0.45	4.05	6.27E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20	2.05E-03	3.80E-03	
109	Hospital (Children's)	676057.8	4862180.9		25.53	1.54	0.15	85.34	1047.72	2.78	25.60	88.94	0.93	8.41	6.81E-08	1.15E-04		0.52	7.82E-03	4.48E-03	0.02	7.93E-04	0.21	2.67E-03	7.89E-03	
110	Hospital	671233.2	4863615.9		21.93	0.62	0.06	72.91	1043.10	2.07	24.89	88.23	0.37	3.38	6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.95E-03	3.17E-03	
111	Comm. Resp. Services	676045.4	4863902.5		24.00	1.15	0.12	80.07	1045.76	3.31	26.13	89.47	0.69	6.28	6.55E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.78E-04	0.20	2.37E-03	5.89E-03	
112	Hospital	671712.7	4862364.1		21.55	0.52	0.05	71.59	1042.61	2.19	25.01	88.35	0.31	2.84	6.13E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.55E-04	0.19	1.88E-03	2.67E-03	
113	Retirement Residence A	684199.9	4864120.3		25.46	1.53	0.15	85.11	1047.64	2.64	25.46	88.80	0.92	8.32	6.80E-08	1.15E-04		0.52	7.81E-03	4.48E-03	0.02	7.92E-04	0.21	2.66E-03	7.81E-03	
114	Retirement Residence B	685483.9	4865150.9		22.69	0.82	0.08	75.54	1044.08	2.22	25.04	88.38	0.49	4.44	6.32E-08	1.09E-04		0.52	7.59E-03	4.45E-03	0.02	7.66E-04	0.20	2.11E-03	4.17E-03	
115	Retirement Residence C	686844.0	4864732.1		22.24	0.70	0.07	73.97	1043.49	2.19	25.01	88.35	0.42	3.80	6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20	2.01E-03	3.57E-03	
116	Retirement Residence D	673481.7	4863343.4		22.93	0.88	0.09	76.37	1044.39	2.00	24.82	88.16	0.53	4.78	6.36E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.68E-04	0.20	2.15E-03	4.49E-03	
117	Retirement Residence E	671825.2	4864399.0		22.63	0.80	0.08	75.32	1044.00	1.77	24.59	87.93	0.48	4.35	6.31E-08	1.09E-04		0.52	7.59E-03	4.44E-03	0.02	7.65E-04	0.20	2.09E-03	4.09E-03	
118	Retirement Residence F	671606.3	4864536.0		22.52	0.77	0.08	74.95	1043.86	1.80	24.62	87.96	0.46	4.20	6.29E-08	1.09E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20	2.07E-03	3.95E-03	
119	Retirement Residence G	671357.1	4862958.7		21.80	0.59	0.06	72.45	1042.93	2.19	25.01	88.35	0.35	3.19	6.17E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.20	1.93E-03	2.99E-03	
120	Retirement Residence H	671514.0	4862262.9		21.46	0.50	0.05	71.29	1042.50	2.18	25.00	88.34	0.30	2.72	6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.86E-03	2.55E-03	
121	Retirement Residence I	672602.2	4863075.9		21.90	0.61	0.06	72.79	1043.06	2.13	24.95	88.29	0.37	3.33	6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.95E-03	3.12E-03	
122	Retirement Residence J	671719.1	4862893.1		21.91	0.61	0.06	72.82	1043.07	2.19	25.01	88.35	0.37	3.34	6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.95E-03	3.14E-03	
123	Retirement Residence K	686718.0	4865648.7		21.52	0.51	0.05	71.49	1042.57	1.92	24.74	88.08	0.31	2.80	6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.87E-03	2.63E-03	
124	Retirement Residence L	676168.7	4865669.9		22.88	0.86	0.09	76.18	1044.32	4.02	26.84	90.18	0.52	4.70	6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.67E-04	0.20	2.14E-03	4.41E-03	
125	Retirement Residence M	676118.5	4863980.7		24.33	1.24	0.12	81.21	1046.19	3.65	26.47	89.81	0.74	6.74	6.60E-08	1.12E-04		0.52	7.72E-03	4.47E-03	0.02	7.81E-04	0.21	2.43E-03	6.33E-03	
126	Bow. Subdivision 12	684649.2	4863182.7		23.89	1.12	0.11	79.70	1045.62	2.20	25.02	88.36	0.67	6.12	6.53E-08	1.11E-04		0.52	7.69E-03	4.46E-03	0.02	7.77E-04	0.20	2.35E-03	5.75E-03	
127	Primary School B	685384.8	4863575.3		23.74	1.08	0.11	79.15	1045.42	1.85	24.67	88.01	0.65	5.90	6.50E-08	1.11E-04		0.52	7.68E-03	4.46E-03	0.02	7.76E-04	0.20	2.31E-03	5.54E-03	
128	Primary School C	685021.6	4863952.9		22.96	0.88	0.09	76.47	1044.42	2.06	24.88	88.22	0.53	4.82	6.37E-08	1.09E-04		0.52	7.62E-03	4.45E-03	0.02	7.68E-04	0.20	2.16E-03	4.52E-03	
129	Primary School D	686237.0	4864085.5		22.59	0.79	0.08	75.19	1043.95	1.95	24.77	88.11	0.47	4.30	6.30E-08	1.09E-04		0.52	7.59E-03	4.44E-03	0.02	7.65E-04	0.20	2.08E-03	4.03E-03	
130	Primary School E	686719.0	4863734.7		22.45	0.75	0.08	74.69	1043.76	2.94	25.76	89.10	0.45	4.10	6.28E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20	2.06E-03	3.85E-03	
131	Primary School F	686357.0	4864754.9		22.08	0.66	0.07	73.43	1043.29	1.79	24.61	87.95	0.40	3.59	6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.98E-03	3.37E-03	
132	Primary School G	685502.0	4865013.4		22.28	0.71	0.07	74.11	1043.55	2.20	25.02	88.36	0.43	3.86	6.25E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.62E-04	0.20	2.02E-03	3.63E-03	
133	Primary School H	686726.7	4866061.5		21.59	0.53	0.05	71.74	1042.67	1.93	24.75	88.09	0.32	2.90	6.13E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19	1.89E-03	2.73E-03	
134	Primary School I	685186.2	4866568.2		25.46	1.53	0.15	85.11	1047.64	2.37	25.19	88.53	0.92	8.32	6.80E-08	1.15E-04		0.52	7.81E-03	4.48E-03	0.02	7.92E-04	0.21	2.66E-03	7.81E-03	
135	Primary School J	685965.3	4866979.0		21.90	0.61	0.06	72.79	1043.05	2.10	24.92	88.26	0.37	3.33	6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.95E-03	3.12E-03	
136	Primary School K	677709.9	4864726.5		24.40	1.25	0.13	81.43	1046.27	5.33	28.15	91.49	0.75	6.83	6.61E-08	1.12E-04		0.52	7.73E-03	4.47E-03	0.02	7.82E-04	0.21	2.45E-03	6.41E-03	
137	Primary School L	675988.3	4864270.2		23.98	1.15	0.11	80.00	1045.74	3.51	26.33	89.67	0.69	6.25	6.54E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.78E-04	0.20	2.36E-03	5.86E-03	
138	Primary School M	676608.7	4862739.0		24.55	1.29	0.13	81.94	1046.46	4.63	27.45	90.79	0.78	7.03	6.64E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02	7.83E-04	0.21	2.48E-03	6.60E-03	
139	Primary School N	677222.2	4863759.1		28.39	2.28	0.23	95.25	1051.41	6.97	29.79	93.13	1.37	12.42	7.30E-08	1.21E-04		0.53	8.04E-03	4.51E-03	0.02	8.20E-04	0.22	3.25E-03	0.01	
140	Primary School O	678154.9	4863872.7		27.54	2.06	0.21	92.29	1050.31	4.61	27.43	90.77	1.24	11.22	7.15E-08	1.19E-04		0.53	7.97E-03	4.50E-03	0.02	8.12E-04	0.22	3.07E-03	0.01	
141	Court. Subdivision 12	678309.6	4863600.8		32.58	3.36	0.34	109.73	1056.79	3.85	26.67	90.01	2.02	18.29	8.02E-08	1.29E-04		0.53	8.37E-03	4.56E-03	0.02	8.60E-04	0.24	4.08E-03	0.02	
142	Primary School Q	677010.6	4862470.6		24.73	1.34	0.13	82.59	1046.70	6.30	29.12	92.46	0.80	7.30	6.67E-08	1.13E-04		0.52	7.75E-03	4.47E-03	0.02	7.85E-04	0.21	2.51E-03	6.85E-03	
143	Primary School R	677431.3	4866694.7		21.99	0.64	0.06	73.12	1043.18	4.04	26.86	90.20	0.38	3.46	6.20E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.97E-03	3.25E-03	
144	Primary School S	675266.2	4863562.9		24.66	1.32	0.13	82.34	1046.61	2.09	24.91	88.26	0.79	7.20	6.66E-08	1.13E-04		0.52	7.75E-03	4.47E-03	0.02	7.84E-04	0.21	2.50E-03	6.76E-03	
145	Primary School T	673479.2	4860029.4		21.80	0.59	0.06	72.46	1042.93	2.69	25.51	88.85	0.35	3.20	6.17E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.20	1.93E-03	3.00E-03	
146	Primary School U	670856.0	4860710.6		20.90	0.35	0.04	69.33	1041.77	1.78	24.60	87.94	0.21	1.93	6.01E-08	1.05E-04		0.52	7.45E-03	4.42E-03	0.02	7.49E-04	0.19	1.75E-03	1.81E-03	
147	Primary School V	672660.2	4863909.2		22.69	0.81	0.08	75.52	1044.07	1.83	24.65	87.99	0.49	4.43	6.32E-08	1.09E-04		0.52	7.59E-03	4.45E-03	0.02	7.66E-04	0.20	2.10E-03	4.16E-03	
148	Primary School W	672735.2	4859232.9		22.12	0.67	0.07	73.56	1043.34	1.98	24.80	88.14	0.40	3.64	6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.99E-03	3.42E-03	
149	Primary School X	673575.8	4862688.6																							

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05	0.01	6.55E-04	4.30E-03
		Background Concentration (ug/m3)	19.52				64.57	1040.00			22.82	86.16							5.78E-08	1.02E-04	0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03
160	Primary School II	672616.7	4862114.9		22.21	0.69	0.07	73.89	1043.46	2.15	24.97	88.31	0.42	3.77	6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20	2.01E-03	3.54E-03		
161	Primary School JJ	673567.2	4861899.5		24.00	1.15	0.12	80.04	1045.75	2.55	25.37	88.71	0.69	6.26	6.55E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.78E-04	0.20	2.37E-03	5.88E-03		
162	Primary School KK	671791.0	4861954.2		21.46	0.50	0.05	71.28	1042.50	2.13	24.95	88.29	0.30	2.72	6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.86E-03	2.55E-03		
163	Primary School LL	673762.3	4864210.6		22.85	0.86	0.09	76.08	1044.28	1.97	24.79	88.13	0.51	4.66	6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.67E-04	0.20	2.14E-03	4.37E-03		
164	Primary School MM	672238.8	4864621.3		22.69	0.82	0.08	75.54	1044.08	1.81	24.63	87.97	0.49	4.44	6.32E-08	1.09E-04		0.52	7.59E-03	4.45E-03	0.02	7.66E-04	0.20	2.11E-03	4.17E-03		
165	Primary School NN	673213.6	4858677.0		21.62	0.54	0.05	71.82	1042.70	1.83	24.65	87.99	0.32	2.94	6.14E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19	1.89E-03	2.76E-03		
166	Primary School OO	675474.8	4863221.7		26.56	1.81	0.18	88.91	1049.05	2.34	25.16	88.50	1.09	9.86	6.98E-08	1.17E-04		0.53	7.90E-03	4.49E-03	0.02	8.02E-04	0.22	2.88E-03	9.25E-03		
167	Primary School PP	672441.8	4858748.6		21.79	0.58	0.06	72.42	1042.92	1.79	24.61	87.95	0.35	3.18	6.17E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.92E-03	2.98E-03		
168	Primary School QQ	672796.8	4864438.2		22.88	0.86	0.09	76.18	1044.32	1.85	24.67	88.01	0.52	4.70	6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.67E-04	0.20	2.14E-03	4.41E-03		
169	Primary School RR	671351.4	4863284.0		21.44	0.49	0.05	71.19	1042.46	2.15	24.97	88.31	0.30	2.68	6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.85E-03	2.52E-03		
170	Primary School SS	673213.9	4862125.5		23.20	0.95	0.09	77.29	1044.73	2.15	24.97	88.31	0.57	5.15	6.41E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.21E-03	4.83E-03		
171	Primary School TT	671017.9	4860953.7		20.97	0.37	0.04	69.60	1041.87	1.86	24.68	88.02	0.22	2.03	6.03E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	1.76E-03	1.91E-03		
172	Primary School UU	670991.0	4861089.8		20.96	0.37	0.04	69.53	1041.85	1.90	24.72	88.06	0.22	2.01	6.02E-08	1.05E-04		0.52	7.46E-03	4.42E-03	0.02	7.49E-04	0.19	1.76E-03	1.89E-03		
173	Primary School VV	674150.1	4862294.8		23.59	1.05	0.10	78.63	1045.23	2.39	25.21	88.55	0.63	5.69	6.47E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.74E-04	0.20	2.28E-03	5.34E-03		
174	Primary School WW	672005.2	4861707.9		21.57	0.53	0.05	71.65	1042.63	2.06	24.88	88.22	0.32	2.86	6.13E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19	1.88E-03	2.69E-03		
175	Primary School XX	684172.1	4863615.6		24.43	1.26	0.13	81.55	1046.32	2.69	25.51	88.85	0.76	6.88	6.62E-08	1.12E-04		0.52	7.73E-03	4.47E-03	0.02	7.82E-04	0.21	2.45E-03	6.46E-03		
176	Primary School YY	683923.3	4866636.4		22.09	0.66	0.07	73.47	1043.31	2.41	25.23	88.57	0.40	3.60	6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.99E-03	3.38E-03		
177	Primary School ZZ	680446.0	4865770.5		22.71	0.82	0.08	75.61	1044.11	2.73	25.55	88.89	0.49	4.47	6.33E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.66E-04	0.20	2.11E-03	4.20E-03		
178	Vacant School	685612.9	4864520.0		23.01	0.90	0.09	76.63	1044.48	1.98	24.80	88.14	0.54	4.88	6.38E-08	1.10E-04		0.52	7.62E-03	4.45E-03	0.02	7.69E-04	0.20	2.17E-03	4.58E-03		
179	Secondary School A	686291.4	4865064.3		22.08	0.66	0.07	73.43	1043.29	1.93	24.75	88.09	0.40	3.59	6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.98E-03	3.37E-03		
180	Secondary School B	683875.0	4864741.7		24.22	1.21	0.12	80.81	1046.04	2.73	25.55	88.89	0.72	6.57	6.58E-08	1.12E-04		0.52	7.71E-03	4.46E-03	0.02	7.80E-04	0.21	2.41E-03	6.17E-03		
181	Secondary School C	684650.3	4866460.3		22.51	0.77	0.08	74.91	1043.84	2.50	25.32	88.66	0.46	4.19	6.29E-08	1.08E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20	2.07E-03	3.93E-03		
182	Secondary School D	678099.5	4864838.2		23.39	1.00	0.10	77.96	1044.98	4.43	27.25	90.59	0.60	5.42	6.44E-08	1.10E-04		0.52	7.65E-03	4.45E-03	0.02	7.72E-04	0.20	2.25E-03	5.09E-03		
183	Secondary School E	678467.0	4863431.2		29.40	2.54	0.25	98.73	1052.70	3.14	25.96	89.30	1.52	13.83	7.47E-08	1.23E-04		0.53	8.12E-03	4.53E-03	0.02	8.29E-04	0.23	3.45E-03	0.01		
184	Secondary School F	674144.9	4862762.7		23.83	1.11	0.11	79.46	1045.54	2.10	24.92	88.26	0.66	6.03	6.52E-08	1.11E-04		0.52	7.68E-03	4.46E-03	0.02	7.76E-04	0.20	2.33E-03	5.66E-03		
185	Secondary School G	673816.0	4864357.1		22.11	0.67	0.07	73.53	1043.33	2.04	24.86	88.20	0.40	3.63	6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.99E-03	3.40E-03		
186	Secondary School H	673145.4	4858569.0		21.75	0.57	0.06	72.27	1042.86	1.79	24.61	87.95	0.34	3.12	6.16E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.92E-03	2.93E-03		
187	Secondary School I	671291.7	4863581.3		21.90	0.61	0.06	72.80	1043.06	2.08	24.90	88.24	0.37	3.33	6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.95E-03	3.13E-03		
188	Secondary School J	671443.2	4861664.9		21.67	0.55	0.06	72.00	1042.76	2.06	24.88	88.22	0.33	3.01	6.15E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19	1.90E-03	2.83E-03		
189	Secondary School K	673235.3	4860885.0		21.81	0.59	0.06	72.49	1042.94	3.03	25.85	89.19	0.35	3.21	6.17E-08	1.07E-04		0.52	7.53E-03	4.43E-03	0.02	7.57E-04	0.20	1.93E-03	3.01E-03		
190	Secondary School L	684252.7	4866500.5		22.88	0.86	0.09	76.19	1044.32	2.51	25.33	88.67	0.52	4.70	6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.67E-04	0.20	2.14E-03	4.42E-03		
191	Secondary School M	673914.1	4859551.7		22.83	0.85	0.09	76.01	1044.25	2.34	25.16	88.50	0.51	4.63	6.34E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.67E-04	0.20	2.13E-03	4.35E-03		
192	Secondary School N	675051.5	4864177.2		22.31	0.72	0.07	74.21	1043.58	2.34	25.16	88.50	0.43	3.90	6.26E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.62E-04	0.20	2.03E-03	3.66E-03		
193	Adult School	685276.1	4866019.8		23.12	0.93	0.09	77.01	1044.63	2.30	25.12	88.46	0.56	5.04	6.39E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.19E-03	4.73E-03		
194	Bow. Valley Cons. 1	685356.6	4864521.2		22.95	0.88	0.09	76.42	1044.41	2.10	24.92	88.26	0.53	4.80	6.37E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.68E-04	0.20	2.16E-03	4.50E-03		
195	Bow. Valley Cons. 2	685627.7	4864167.8		22.43	0.75	0.07	74.64	1043.74	1.75	24.57	87.91	0.45	4.08	6.28E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20	2.05E-03	3.83E-03		
196	Bow. Valley Cons. 4	685852.7	4863640.2		23.14	0.93	0.09	77.08	1044.65	1.91	24.73	88.07	0.56	5.07	6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.19E-03	4.76E-03		
197	Bow. Valley Cons. 5	686163.1	4863621.5		22.86	0.86	0.09	76.11	1044.29	2.35	25.17	88.51	0.51	4.67	6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.67E-04	0.20	2.14E-03	4.39E-03		
198	Bow. Valley Cons. 6	685931.9	4863380.6		22.99	0.89	0.09	76.58	1044.46	2.35	25.17	88.51	0.54	4.86	6.37E-08	1.09E-04		0.52	7.62E-03	4.45E-03	0.02	7.68E-04	0.20	2.17E-03	4.56E-03		
199	Maple Grove 1	681688.5	4864717.0		25.49	1.53	0.15	85.20	1047.67	3.92	26.74	90.08	0.92	8.36	6.80E-08	1.15E-04		0.52	7.81E-03	4.48E-03	0.02	7.92E-04	0.21	2.66E-03	7.84E-03		
200	Maple Grove 2	681768.9	4864631.8		25.16	1.45	0.14	84.06	1047.25	3.99	26.81	90.15	0.87	7.89	6.74E-08	1.14E-04		0.52	7.79E-03	4.48E-03	0.02	7.89E-04	0.21	2.60E-03	7.41E-03		
201	Maple Grove 3	681894.9	4864506.8		25.05	1.42	0.14	83.69	1047.11	4.00	26.82	90.16	0.85	7.74	6.73E-08	1.14E-04		0.52	7.78E-03	4.47E-03	0.02	7.88E-04	0.21	2.58E-03	7.27E-03		
202	Maple Grove 4	681974																									

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05	0.01	6.55E-04
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03		
213	Port Darlington 5	686406.8	4861448.7		22.83	0.85	0.09	76.00	1044.25	1.89	24.71	88.05	0.51	4.63	6.34E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.67E-04	0.20	2.13E-03	4.35E-03	
214	Port Darlington 6	686504.5	4861604.0		23.13	0.93	0.09	77.07	1044.65	1.86	24.68	88.02	0.56	5.06	6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.19E-03	4.75E-03	
215	Port Darlington 7	686703.0	4861789.3		23.86	1.12	0.11	79.58	1045.58	1.99	24.81	88.15	0.67	6.08	6.52E-08	1.11E-04		0.52	7.69E-03	4.46E-03	0.02	7.77E-04	0.20	2.34E-03	5.70E-03	
216	Port Darlington 8	686895.8	4861960.2		23.26	0.96	0.10	77.50	1044.81	2.11	24.93	88.27	0.58	5.24	6.42E-08	1.10E-04		0.52	7.64E-03	4.45E-03	0.02	7.71E-04	0.20	2.22E-03	4.92E-03	
217	Port Darlington 9	686867.4	4862119.7		22.33	0.72	0.07	74.28	1043.61	2.18	25.00	88.34	0.43	3.93	6.26E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.62E-04	0.20	2.03E-03	3.69E-03	
218	Port Darlington 10	687190.7	4862048.8		22.91	0.87	0.09	76.28	1044.35	2.16	24.98	88.32	0.52	4.74	6.36E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.68E-04	0.20	2.15E-03	4.45E-03	
219	Port Darlington 11	687524.4	4862126.8		22.76	0.83	0.08	75.77	1044.16	2.20	25.02	88.36	0.50	4.53	6.33E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.66E-04	0.20	2.12E-03	4.26E-03	
220	Campground 1	678646.3	4860337.7		29.20	2.49	0.25	98.03	1052.44	5.52	28.34	91.68	1.49	13.55	7.44E-08	1.22E-04		0.53	8.10E-03	4.52E-03	0.02	8.28E-04	0.23	3.41E-03	0.01	
221	Campground 2	678410.2	4860148.6		28.82	2.39	0.24	96.72	1051.96	5.87	28.69	92.03	1.43	13.02	7.37E-08	1.21E-04		0.53	8.07E-03	4.52E-03	0.02	8.24E-04	0.23	3.33E-03	0.01	
222	Campground 3	678651.0	4860054.4		30.76	2.89	0.29	103.44	1054.45	5.84	28.66	92.00	1.73	15.74	7.71E-08	1.26E-04		0.53	8.23E-03	4.54E-03	0.02	8.42E-04	0.23	3.72E-03	0.01	
223	Campground 4	678725.9	4859860.7		30.16	2.73	0.27	101.34	1053.67	5.22	28.04	91.38	1.64	14.89	7.60E-08	1.24E-04		0.53	8.18E-03	4.54E-03	0.02	8.37E-04	0.23	3.60E-03	0.01	
224	Campground 5	678511.1	4859808.6		29.85	2.66	0.27	100.29	1053.28	5.18	28.00	91.34	1.59	14.46	7.55E-08	1.24E-04		0.53	8.15E-03	4.53E-03	0.02	8.34E-04	0.23	3.54E-03	0.01	
225	Campground 6	678869.5	4859696.0		27.74	2.11	0.21	92.97	1050.56	4.18	27.00	90.34	1.27	11.50	7.19E-08	1.19E-04		0.53	7.99E-03	4.51E-03	0.02	8.14E-04	0.22	3.11E-03	0.01	
226	Campground 7	678723.9	4860201.8		30.06	2.71	0.27	101.01	1053.55	5.84	28.66	92.00	1.63	14.76	7.58E-08	1.24E-04		0.53	8.17E-03	4.53E-03	0.02	8.36E-04	0.23	3.58E-03	0.01	
227	Campground 8	678796.0	4860011.4		31.29	3.03	0.30	105.24	1055.13	5.67	28.49	91.83	1.82	16.47	7.79E-08	1.27E-04		0.53	8.27E-03	4.55E-03	0.02	8.47E-04	0.24	3.82E-03	0.02	
228	Campground 9	678852.7	4859854.2		28.74	2.37	0.24	96.45	1051.86	5.01	27.83	91.17	1.42	12.91	7.36E-08	1.21E-04		0.53	8.07E-03	4.52E-03	0.02	8.23E-04	0.23	3.32E-03	0.01	
229	Solina 1	681099.6	4861677.2		33.12	3.50	0.35	111.58	1057.48	4.97	27.79	91.13	2.10	19.04	8.11E-08	1.30E-04		0.53	8.41E-03	4.57E-03	0.02	8.65E-04	0.24	4.19E-03	0.02	
230	Solina 2	681115.7	4861857.7		29.97	2.69	0.27	100.70	1053.44	5.19	28.01	91.35	1.61	14.63	7.57E-08	1.24E-04		0.53	8.16E-03	4.53E-03	0.02	8.35E-04	0.23	3.56E-03	0.01	
231	Solina 3	680987.4	4861983.5		28.60	2.33	0.23	95.95	1051.67	5.88	28.70	92.04	1.40	12.71	7.33E-08	1.21E-04		0.53	8.06E-03	4.52E-03	0.02	8.22E-04	0.22	3.29E-03	0.01	
232	Solina 4	680965.0	4862068.1		28.03	2.19	0.22	93.99	1050.94	5.93	28.75	92.09	1.31	11.91	7.24E-08	1.20E-04		0.53	8.01E-03	4.51E-03	0.02	8.16E-04	0.22	3.17E-03	0.01	
233	Solina 5	681021.5	4862086.7		28.41	2.29	0.23	95.30	1051.43	5.81	28.63	91.97	1.37	12.44	7.30E-08	1.21E-04		0.53	8.04E-03	4.51E-03	0.02	8.20E-04	0.22	3.25E-03	0.01	
234	Solina 6	680939.8	4862124.3		28.52	2.31	0.23	95.69	1051.57	5.96	28.78	92.12	1.39	12.60	7.32E-08	1.21E-04		0.53	8.05E-03	4.52E-03	0.02	8.21E-04	0.22	3.27E-03	0.01	
235	Solina 7	680988.2	4862183.6		27.99	2.18	0.22	93.87	1050.89	5.85	28.67	92.01	1.31	11.86	7.23E-08	1.20E-04		0.53	8.01E-03	4.51E-03	0.02	8.16E-04	0.22	3.17E-03	0.01	
236	Solina 8	680984.6	4862209.8		28.06	2.20	0.22	94.10	1050.98	5.86	28.68	92.02	1.32	11.96	7.24E-08	1.20E-04		0.53	8.01E-03	4.51E-03	0.02	8.17E-04	0.22	3.18E-03	0.01	
237	Solina 9	680958.6	4862294.9		28.06	2.19	0.22	94.08	1050.97	5.81	28.63	91.98	1.32	11.95	7.24E-08	1.20E-04		0.53	8.01E-03	4.51E-03	0.02	8.17E-04	0.22	3.18E-03	0.01	
238	Solina 10	680858.0	4862324.3		27.49	2.05	0.20	92.12	1050.25	5.75	28.57	91.91	1.23	11.16	7.14E-08	1.19E-04		0.53	7.97E-03	4.50E-03	0.02	8.11E-04	0.22	3.06E-03	0.01	
239	Solina 11	680990.3	4862403.5		28.04	2.19	0.22	94.01	1050.95	5.70	28.52	91.86	1.31	11.92	7.24E-08	1.20E-04		0.53	8.01E-03	4.51E-03	0.02	8.16E-04	0.22	3.17E-03	0.01	
240	Recreational 1	681545.0	4860865.0		32.40	3.31	0.33	109.09	1056.55	4.66	27.48	90.82	1.99	18.03	7.99E-08	1.29E-04		0.53	8.35E-03	4.56E-03	0.02	8.58E-04	0.24	4.05E-03	0.02	
241	Recreational 2	681563.7	4860687.4		41.94	5.76	0.58	142.08	1068.82	6.04	28.86	92.20	3.46	31.39	9.62E-08	1.49E-04		0.54	9.10E-03	4.68E-03	0.02	9.49E-04	0.28	5.95E-03	0.03	
242	Recreational 3	681579.7	4860610.0		45.01	6.55	0.66	152.69	1072.77	6.88	29.70	93.04	3.93	35.69	1.01E-07	1.55E-04		0.55	9.34E-03	4.71E-03	0.02	9.78E-04	0.30	6.57E-03	0.03	
243	Recreational 6	681876.6	4860254.4		36.34	4.32	0.43	122.72	1061.62	4.94	27.76	91.10	2.59	23.55	8.66E-08	1.37E-04		0.54	8.66E-03	4.61E-03	0.02	8.96E-04	0.26	4.83E-03	0.02	
244	Recreational 7	682166.9	4860324.4		32.30	3.29	0.33	108.76	1056.43	4.71	27.53	90.87	1.97	17.90	7.97E-08	1.29E-04		0.53	8.35E-03	4.56E-03	0.02	8.57E-04	0.24	4.03E-03	0.02	
245	Darlington 1	679565.4	4861052.9		39.98	5.26	0.53	135.31	1066.31	5.30	28.12	91.46	3.16	28.64	9.29E-08	1.45E-04		0.54	8.95E-03	4.65E-03	0.02	9.30E-04	0.27	5.56E-03	0.03	
246	Darlington 2	679452.9	4861051.4		36.90	4.47	0.45	124.66	1062.35	4.57	27.39	90.73	2.68	24.33	8.76E-08	1.38E-04		0.54	8.71E-03	4.62E-03	0.02	9.01E-04	0.26	4.95E-03	0.02	
247	Darlington 3	679130.5	4860948.8		32.83	3.42	0.34	110.59	1057.11	5.13	27.95	91.30	2.05	18.64	8.06E-08	1.30E-04		0.53	8.39E-03	4.57E-03	0.02	8.62E-04	0.24	4.13E-03	0.02	
248	Darlington 4	679112.6	4860941.9		33.04	3.48	0.35	111.32	1057.38	5.26	28.08	91.42	2.09	18.93	8.10E-08	1.30E-04		0.53	8.40E-03	4.57E-03	0.02	8.64E-04	0.24	4.18E-03	0.02	
249	Darlington 5	679057.6	4860994.1		32.25	3.27	0.33	108.58	1056.37	5.10	27.92	91.26	1.96	17.82	7.96E-08	1.29E-04		0.53	8.34E-03	4.56E-03	0.02	8.57E-04	0.24	4.02E-03	0.02	
250	Darlington 6	679075.2	4860931.6		33.19	3.52	0.35	111.84	1057.58	5.39	28.21	91.55	2.11	19.14	8.12E-08	1.31E-04		0.53	8.42E-03	4.57E-03	0.02	8.66E-04	0.24	4.21E-03	0.02	
251	Darlington 7	678814.3	4860843.1		32.80	3.41	0.34	110.47	1057.07	5.92	28.74	92.08	2.05	18.59	8.05E-08	1.30E-04		0.53	8.39E-03	4.57E-03	0.02	8.62E-04	0.24	4.13E-03	0.02	
252	Darlington 8	678840.4	4860777.1		32.70	3.39	0.34	110.13	1056.94	5.52	28.34	91.68	2.03	18.45	8.04E-08	1.29E-04		0.53	8.38E-03	4.57E-03	0.02	8.61E-04	0.24	4.11E-03	0.02	
253	Light Ind. 1	680000.1	4861034.1		32.71	3.39	0.34	110.19	1056.96	5.06	27.88	91.22	2.04	18.47	8.04E-08	1.30E-04		0.53	8.38E-03	4.57E-03	0.02	8.61E-04	0.24	4.11E-03	0.02	
254	Light Ind. 2	680060.7	4861056.4		34.34	3.81	0.38	115.82	1059.06	5.26	28.08	91.42	2.29	20.75	8.32E-08	1.33E-04		0.53	8.51E-03	4.59E-03	0.02	8.77E-04	0.25	4.44E-03	0.02	
255	Light Ind. 3	680291.2	4861151.6		36.57	4.38	0.44	123.52																		



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05	0.01	6.55E-04
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03		
266	Future Industrial 8	680398.0	4860731.8		45.93	6.79	0.68	155.88	1073.96	8.16	30.98	94.32	4.07	36.98	1.03E-07	1.57E-04		0.55	9.41E-03	4.72E-03	0.02	9.87E-04	0.30	6.75E-03	0.03	
267	Future Industrial 1	680359.6	4859959.2		37.05	4.51	0.45	125.19	1062.54	7.14	29.96	93.30	2.71	24.55	8.78E-08	1.38E-04		0.54	8.72E-03	4.62E-03	0.02	9.02E-04	0.26	4.98E-03	0.02	
268	Future Industrial 2	680083.7	4859985.7		37.51	4.63	0.46	126.78	1063.13	5.09	27.91	91.25	2.78	25.19	8.86E-08	1.39E-04		0.54	8.75E-03	4.62E-03	0.02	9.07E-04	0.26	5.07E-03	0.02	
269	Future Industrial 3	680819.9	4860705.3		42.61	5.94	0.59	144.39	1069.69	8.64	31.46	94.80	3.56	32.32	9.74E-08	1.50E-04		0.54	9.15E-03	4.68E-03	0.02	9.55E-04	0.29	6.09E-03	0.03	
270	Future Industrial 4	681070.0	4859937.2		33.01	3.47	0.35	111.22	1057.35	5.73	28.55	91.89	2.08	18.89	8.09E-08	1.30E-04		0.53	8.40E-03	4.57E-03	0.02	8.64E-04	0.24	4.17E-03	0.02	
271	Future Industrial 5	679898.8	4860067.4		38.35	4.84	0.48	129.66	1064.21	5.75	28.57	91.91	2.90	26.36	9.01E-08	1.41E-04		0.54	8.82E-03	4.63E-03	0.02	9.15E-04	0.27	5.24E-03	0.02	
272	Future Industrial 6	680134.8	4860694.1		41.31	5.60	0.56	139.89	1068.01	6.26	29.08	92.42	3.36	30.50	9.51E-08	1.47E-04		0.54	9.05E-03	4.67E-03	0.02	9.43E-04	0.28	5.83E-03	0.03	
273	Future Industrial 11	680253.7	4860255.2		49.58	7.73	0.77	168.48	1078.64	8.34	31.16	94.50	4.64	42.08	1.09E-07	1.64E-04		0.55	9.70E-03	4.77E-03	0.02	1.02E-03	0.32	7.48E-03	0.04	
274	Future Industrial 12	679901.2	4860511.8		37.40	4.60	0.46	126.40	1062.99	5.05	27.87	91.21	2.76	25.04	8.84E-08	1.39E-04		0.54	8.75E-03	4.62E-03	0.02	9.06E-04	0.26	5.05E-03	0.02	
275	Commercial Farmer	679867.8	4860445.4		41.58	5.67	0.57	140.85	1068.37	6.01	28.83	92.17	3.40	30.89	9.56E-08	1.48E-04		0.54	9.07E-03	4.67E-03	0.02	9.45E-04	0.28	5.88E-03	0.03	
276	Farmer	679277.0	4859981.5		31.00	2.95	0.30	104.26	1054.76	4.94	27.76	91.10	1.77	16.07	7.75E-08	1.26E-04		0.53	8.24E-03	4.55E-03	0.02	8.45E-04	0.24	3.77E-03	0.02	
277	Residence	679387.2	4860648.9		31.24	3.01	0.30	105.08	1055.07	3.95	26.77	90.11	1.81	16.41	7.79E-08	1.26E-04		0.53	8.26E-03	4.55E-03	0.02	8.47E-04	0.24	3.81E-03	0.02	
278	Barn	679261.9	4860574.2		29.22	2.50	0.25	98.12	1052.48	3.97	26.79	90.13	1.50	13.58	7.44E-08	1.22E-04		0.53	8.11E-03	4.52E-03	0.02	8.28E-04	0.23	3.41E-03	0.01	
279	Residence	680150.7	4861295.7		35.08	4.00	0.40	118.38	1060.01	4.83	27.65	90.99	2.40	21.79	8.45E-08	1.34E-04		0.54	8.56E-03	4.59E-03	0.02	8.84E-04	0.25	4.58E-03	0.02	
280	Residence	679939.8	4861213.4		32.41	3.31	0.33	109.13	1056.57	5.05	27.87	91.21	1.99	18.04	7.99E-08	1.29E-04		0.53	8.35E-03	4.56E-03	0.02	8.58E-04	0.24	4.05E-03	0.02	
281	Farmer	680855.7	4861456.9		36.69	4.42	0.44	123.94	1062.08	6.06	28.88	92.22	2.65	24.04	8.72E-08	1.38E-04		0.54	8.69E-03	4.61E-03	0.02	8.99E-04	0.26	4.91E-03	0.02	
282	Farmer	681386.2	4861673.3		33.28	3.54	0.35	112.13	1057.69	3.69	26.51	89.85	2.12	19.26	8.14E-08	1.31E-04		0.53	8.42E-03	4.57E-03	0.02	8.66E-04	0.25	4.22E-03	0.02	
283	Residence	680683.5	4861597.9		31.85	3.17	0.32	107.20	1055.85	6.20	29.02	92.36	1.90	17.26	7.89E-08	1.28E-04		0.53	8.31E-03	4.56E-03	0.02	8.53E-04	0.24	3.94E-03	0.02	
284	Business	680064.3	4861343.7		33.30	3.54	0.35	112.22	1057.72	4.95	27.77	91.11	2.13	19.29	8.14E-08	1.31E-04		0.53	8.42E-03	4.57E-03	0.02	8.67E-04	0.25	4.23E-03	0.02	
285	Farmer	679680.1	4861213.5		34.27	3.79	0.38	115.56	1058.96	4.86	27.68	91.02	2.28	20.65	8.31E-08	1.33E-04		0.53	8.50E-03	4.58E-03	0.02	8.76E-04	0.25	4.42E-03	0.02	
286	Farmer	681344.8	4861792.9		29.13	2.47	0.25	97.80	1052.36	3.74	26.56	89.90	1.48	13.46	7.43E-08	1.22E-04		0.53	8.10E-03	4.52E-03	0.02	8.27E-04	0.23	3.39E-03	0.01	
287	Youth Centre	685644.2	4864814.8		22.39	0.74	0.07	74.51	1043.69	2.09	24.91	88.25	0.44	4.02	6.27E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20	2.05E-03	3.78E-03	
288	Bowmanville Arena	685462.9	4864615.2		22.82	0.85	0.08	75.99	1044.25	2.10	24.92	88.26	0.51	4.62	6.34E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.67E-04	0.20	2.13E-03	4.34E-03	
289	Bowmanville Rec Complex	684160.3	4864604.5		23.15	0.93	0.09	77.14	1044.67	2.59	25.41	88.75	0.56	5.09	6.40E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.20E-03	4.78E-03	
290	Recreation Complex	684586.6	4862406.3		23.64	1.06	0.11	78.82	1045.30	2.04	24.86	88.20	0.64	5.77	6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	2.30E-03	5.42E-03	
291	Superdog Central	681487.7	4865723.3		22.42	0.75	0.07	74.59	1043.73	2.73	25.55	88.89	0.45	4.06	6.27E-08	1.08E-04		0.52	7.57E-03	4.44E-03	0.02	7.63E-04	0.20	2.05E-03	3.81E-03	
292	Equestrian Centre	681567.1	4863670.7		28.20	2.23	0.22	94.56	1051.15	4.66	27.48	90.82	1.34	12.14	7.27E-08	1.20E-04		0.53	8.02E-03	4.51E-03	0.02	8.18E-04	0.22	3.21E-03	0.01	
293	Flea Market	678574.6	4862819.4		26.37	1.76	0.18	88.25	1048.81	3.45	26.27	89.61	1.06	9.59	6.95E-08	1.16E-04		0.53	7.88E-03	4.49E-03	0.02	8.01E-04	0.22	2.84E-03	9.00E-03	
294	Equestrian Centre	680030.8	4867320.2		21.73	0.57	0.06	72.22	1042.85	2.10	24.92	88.26	0.34	3.10	6.16E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.91E-03	2.91E-03	
295	Courtice Community Complex	678099.3	4864629.8		23.66	1.06	0.11	78.88	1045.32	4.50	27.32	90.66	0.64	5.79	6.49E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	2.30E-03	5.44E-03	
296	Former Restaurant	679830.2	4860702.2		31.62	3.11	0.31	106.40	1055.56	4.59	27.41	90.75	1.87	16.94	7.85E-08	1.27E-04		0.53	8.29E-03	4.55E-03	0.02	8.51E-04	0.24	3.89E-03	0.02	
297	Commercial	679364.8	4861016.0		33.40	3.57	0.36	112.56	1057.85	4.42	27.24	90.58	2.14	19.43	8.16E-08	1.31E-04		0.53	8.43E-03	4.57E-03	0.02	8.68E-04	0.25	4.25E-03	0.02	
298	GM Oshawa Headquarters	676418.3	4860463.7		26.04	1.68	0.17	87.12	1048.39	4.73	27.55	90.89	1.01	9.13	6.90E-08	1.16E-04		0.52	7.86E-03	4.49E-03	0.02	7.98E-04	0.21	2.78E-03	8.57E-03	
299	Farm A?	682972.3	4862201.9		26.76	1.86	0.19	89.59	1049.30	3.04	25.86	89.20	1.12	10.13	7.02E-08	1.17E-04		0.53	7.91E-03	4.49E-03	0.02	8.04E-04	0.22	2.92E-03	9.51E-03	
300	Farm B?	683546.9	4861959.7		24.98	1.40	0.14	83.43	1047.01	2.60	25.42	88.76	0.84	7.64	6.71E-08	1.14E-04		0.52	7.77E-03	4.47E-03	0.02	7.87E-04	0.21	2.56E-03	7.17E-03	
301	Farm C?	682547.5	4862321.1		25.74	1.60	0.16	86.08	1048.00	2.76	25.58	88.92	0.96	8.71	6.84E-08	1.15E-04		0.52	7.83E-03	4.48E-03	0.02	7.95E-04	0.21	2.72E-03	8.18E-03	
302	Farm D?	683238.3	4862393.3		26.30	1.74	0.17	88.02	1048.72	2.83	25.65	88.99	1.05	9.49	6.94E-08	1.16E-04		0.53	7.88E-03	4.49E-03	0.02	8.00E-04	0.21	2.83E-03	8.91E-03	
303	Farm E?	682512.6	4862858.0		28.01	2.18	0.22	93.91	1050.91	3.42	26.24	89.58	1.31	11.88	7.23E-08	1.20E-04		0.53	8.01E-03	4.51E-03	0.02	8.16E-04	0.22	3.17E-03	0.01	
304	Farm F?	683129.1	4863649.4		25.08	1.43	0.14	83.81	1047.15	3.87	26.69	90.03	0.86	7.79	6.73E-08	1.14E-04		0.52	7.78E-03	4.47E-03	0.02	7.88E-04	0.21	2.58E-03	7.31E-03	
305	Bennett 1	688209.3	4862512.1		22.19	0.69	0.07	73.80	1043.43	2.19	25.01	88.35	0.41	3.74	6.24E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.61E-04	0.20	2.00E-03	3.51E-03	
306	Bennett 2	687990.0	4863221.3		21.68	0.56	0.06	72.04	1042.78	2.28	25.10	88.44	0.33	3.02	6.15E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19	1.90E-03	2.84E-03	
307	Bennett 3	688818.4	4862836.3		21.39	0.48	0.05	71.03	1042.40	2.02	24.84	88.18	0.29	2.61	6.10E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.53E-04	0.19	1.84E-03	2.45E-03	
308	Bennett 4	689045.1	4863365.5		21.64	0.55	0.05	71.90	1042.73	2.06	24.88															

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05	0.01	6.55E-04
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03		
319	Soper 7	685683.2	4867148.1		23.03	0.90	0.09	76.72	1044.52	2.19	25.01	88.35	0.54	4.92	6.38E-08	1.10E-04		0.52	7.62E-03	4.45E-03	0.02	7.69E-04	0.20	2.17E-03	4.62E-03	
320	Soper 8	686748.7	4865874.7		21.31	0.46	0.05	70.75	1042.30	1.92	24.74	88.08	0.28	2.50	6.08E-08	1.06E-04		0.52	7.49E-03	4.43E-03	0.02	7.52E-04	0.19	1.83E-03	2.35E-03	
321	Bowmanville 1	687026.3	4862368.4		22.29	0.71	0.07	74.16	1043.57	2.26	25.08	88.42	0.43	3.88	6.25E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.62E-04	0.20	2.03E-03	3.65E-03	
322	Bowmanville 2	686625.7	4863020.3		23.66	1.06	0.11	78.88	1045.32	2.97	25.79	89.13	0.64	5.79	6.49E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	2.30E-03	5.44E-03	
323	Bowmanville 3	683380.3	4865365.9		24.42	1.26	0.13	81.53	1046.31	2.77	25.59	88.93	0.76	6.87	6.62E-08	1.12E-04		0.52	7.73E-03	4.47E-03	0.02	7.82E-04	0.21	2.45E-03	6.45E-03	
324	Bowmanville 4	683111.4	4867150.3		22.45	0.75	0.08	74.71	1043.77	1.85	24.67	88.01	0.45	4.10	6.28E-08	1.08E-04		0.52	7.58E-03	4.44E-03	0.02	7.63E-04	0.20	2.06E-03	3.85E-03	
325	Bowmanville 5	682452.2	4869417.5		21.44	0.49	0.05	71.20	1042.46	1.43	24.25	87.59	0.30	2.68	6.11E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.85E-03	2.52E-03	
326	Bowmanville 6	684778.5	4864888.2		22.80	0.84	0.08	75.90	1044.21	2.44	25.26	88.60	0.51	4.59	6.34E-08	1.09E-04		0.52	7.60E-03	4.45E-03	0.02	7.67E-04	0.20	2.13E-03	4.31E-03	
327	Bowmanville 7	684549.5	4866404.4		22.49	0.76	0.08	74.83	1043.82	2.53	25.35	88.69	0.46	4.15	6.29E-08	1.08E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20	2.06E-03	3.90E-03	
328	Upper Tooley 1	679944.8	4864883.1		22.87	0.86	0.09	76.16	1044.31	3.22	26.04	89.38	0.52	4.69	6.35E-08	1.09E-04		0.52	7.61E-03	4.45E-03	0.02	7.67E-04	0.20	2.14E-03	4.41E-03	
329	Upper Tooley 2	679055.1	4863885.8		30.35	2.78	0.28	102.00	1053.92	2.87	25.69	89.03	1.67	15.15	7.63E-08	1.25E-04		0.53	8.19E-03	4.54E-03	0.02	8.38E-04	0.23	3.64E-03	0.01	
330	Upper Tooley 3	679714.0	4862767.4		24.86	1.37	0.14	83.03	1046.87	2.94	25.76	89.10	0.82	7.48	6.69E-08	1.13E-04		0.52	7.76E-03	4.47E-03	0.02	7.86E-04	0.21	2.54E-03	7.02E-03	
331	Upper Tooley 4	678898.8	4861800.6		30.17	2.74	0.27	101.40	1053.70	5.97	28.79	92.13	1.64	14.91	7.60E-08	1.24E-04		0.53	8.18E-03	4.54E-03	0.02	8.37E-04	0.23	3.60E-03	0.01	
332	Upper Tooley 5	680353.5	4862156.5		32.53	3.35	0.33	109.55	1056.73	5.41	28.23	91.57	2.01	18.21	8.01E-08	1.29E-04		0.53	8.36E-03	4.56E-03	0.02	8.59E-04	0.24	4.07E-03	0.02	
333	Upper Tooley 6	679818.1	4861625.7		29.81	2.65	0.26	100.15	1053.23	4.62	27.44	90.78	1.59	14.41	7.54E-08	1.24E-04		0.53	8.15E-03	4.53E-03	0.02	8.33E-04	0.23	3.53E-03	0.01	
334	Robinson 1	678434.8	4860943.1		30.94	2.94	0.29	104.04	1054.68	6.25	29.07	92.41	1.76	15.98	7.73E-08	1.26E-04		0.53	8.24E-03	4.54E-03	0.02	8.44E-04	0.23	3.75E-03	0.02	
335	Robinson 2	677752.6	4861240.6		29.26	2.50	0.25	98.25	1052.52	8.18	31.00	94.34	1.50	13.64	7.45E-08	1.22E-04		0.53	8.11E-03	4.52E-03	0.02	8.28E-04	0.23	3.42E-03	0.01	
336	Robinson 3	677642.2	4861787.2		26.24	1.73	0.17	87.82	1048.64	7.08	29.90	93.24	1.04	9.41	6.93E-08	1.16E-04		0.53	7.87E-03	4.49E-03	0.02	7.99E-04	0.21	2.82E-03	8.84E-03	
337	Robinson 4	678532.7	4862143.6		29.37	2.53	0.25	98.61	1052.66	6.22	29.04	92.38	1.52	13.78	7.47E-08	1.23E-04		0.53	8.12E-03	4.53E-03	0.02	8.29E-04	0.23	3.44E-03	0.01	
338	Robinson 5	678005.1	4862784.9		25.47	1.53	0.15	85.14	1047.65	6.63	29.45	92.79	0.92	8.33	6.80E-08	1.15E-04		0.52	7.81E-03	4.48E-03	0.02	7.92E-04	0.21	2.66E-03	7.82E-03	
339	Robinson 6	677882.7	4860587.7		28.21	2.23	0.22	94.61	1051.17	4.72	27.54	90.88	1.34	12.17	7.27E-08	1.20E-04		0.53	8.03E-03	4.51E-03	0.02	8.18E-04	0.22	3.21E-03	0.01	
340	F/B 1	677443.1	4867862.1		22.62	0.80	0.08	75.28	1043.98	3.40	26.22	89.56	0.48	4.33	6.31E-08	1.09E-04		0.52	7.59E-03	4.44E-03	0.02	7.65E-04	0.20	2.09E-03	4.07E-03	
341	F/B 2	679667.4	4866611.4		22.64	0.80	0.08	75.37	1044.02	2.23	25.05	88.39	0.48	4.37	6.31E-08	1.09E-04		0.52	7.59E-03	4.44E-03	0.02	7.65E-04	0.20	2.10E-03	4.11E-03	
342	F/B 3	678655.0	4867470.1		21.67	0.55	0.06	72.01	1042.77	3.14	25.96	89.30	0.33	3.01	6.15E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19	1.90E-03	2.83E-03	
343	F/B 4	676191.2	4866844.7		21.49	0.51	0.05	71.40	1042.54	3.51	26.33	89.67	0.30	2.76	6.12E-08	1.06E-04		0.52	7.50E-03	4.43E-03	0.02	7.54E-04	0.19	1.87E-03	2.59E-03	
344	F/B 5	678273.3	4866093.0		23.24	0.96	0.10	77.43	1044.78	3.78	26.60	89.94	0.57	5.21	6.42E-08	1.10E-04		0.52	7.64E-03	4.45E-03	0.02	7.71E-04	0.20	2.21E-03	4.89E-03	
345	F/B 6	681241.2	4867098.8		22.21	0.69	0.07	73.87	1043.46	1.93	24.75	88.09	0.41	3.76	6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20	2.01E-03	3.53E-03	
346	F/B 7	682165.3	4868082.3		21.67	0.55	0.06	72.01	1042.76	1.54	24.36	87.70	0.33	3.01	6.15E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19	1.90E-03	2.83E-03	
347	F/B 8	679366.6	4868628.3		21.99	0.63	0.06	73.11	1043.17	2.60	25.42	88.76	0.38	3.46	6.20E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.96E-03	3.24E-03	
348	F/B 9	680310.1	4869967.1		21.60	0.54	0.05	71.78	1042.68	2.18	25.00	88.34	0.32	2.92	6.14E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19	1.89E-03	2.74E-03	
349	F/B 10	676487.3	4869291.6		21.57	0.53	0.05	71.66	1042.64	2.62	25.44	88.78	0.32	2.87	6.13E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.55E-04	0.19	1.88E-03	2.70E-03	
350	F/B 11	676851.4	4865409.3		22.22	0.69	0.07	73.90	1043.47	4.95	27.77	91.11	0.42	3.78	6.24E-08	1.08E-04		0.52	7.56E-03	4.44E-03	0.02	7.61E-04	0.20	2.01E-03	3.54E-03	
351	F/B 12	681153.3	4868682.2		21.63	0.54	0.05	71.88	1042.72	1.73	24.55	87.89	0.33	2.96	6.14E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19	1.89E-03	2.78E-03	
352	F/B 13	675416.3	4859833.9		23.20	0.95	0.09	77.30	1044.73	2.79	25.61	88.95	0.57	5.15	6.41E-08	1.10E-04		0.52	7.63E-03	4.45E-03	0.02	7.70E-04	0.20	2.21E-03	4.84E-03	
353	Second 1	675153.4	4860552.8		25.29	1.48	0.15	84.51	1047.42	5.46	28.28	91.62	0.89	8.08	6.77E-08	1.14E-04		0.52	7.80E-03	4.48E-03	0.02	7.90E-04	0.21	2.62E-03	7.58E-03	
354	Second 2	675297.5	4860891.3		25.23	1.47	0.15	84.30	1047.34	5.43	28.25	91.59	0.88	7.99	6.76E-08	1.14E-04		0.52	7.79E-03	4.48E-03	0.02	7.90E-04	0.21	2.61E-03	7.50E-03	
355	Second 3	675647.2	4860644.9		26.25	1.73	0.17	87.85	1048.66	5.80	28.62	91.96	1.04	9.43	6.93E-08	1.16E-04		0.53	7.87E-03	4.49E-03	0.02	8.00E-04	0.21	2.82E-03	8.85E-03	
356	Second 4	675670.5	4860076.5		23.50	1.02	0.10	78.34	1045.12	3.35	26.17	89.51	0.61	5.58	6.46E-08	1.11E-04		0.52	7.66E-03	4.46E-03	0.02	7.73E-04	0.20	2.27E-03	5.23E-03	
357	Second 5	676043.3	4860319.1		25.33	1.49	0.15	84.65	1047.47	4.57	27.39	90.73	0.90	8.13	6.77E-08	1.14E-04		0.52	7.80E-03	4.48E-03	0.02	7.91E-04	0.21	2.63E-03	7.63E-03	
358	Second 6	675923.4	4859821.4		23.65	1.06	0.11	78.86	1045.31	2.76	25.58	88.92	0.64	5.78	6.49E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.75E-04	0.20	2.30E-03	5.43E-03	
359	McLaughlin Bay 1	676714.7	4860903.8		25.23	1.47	0.15	84.33	1047.35	3.85	26.67	90.01	0.88	8.00	6.76E-08	1.14E-04		0.52	7.79E-03	4.48E-03	0.02	7.90E-04	0.21	2.61E-03	7.51E-03	
360	McLaughlin Bay 2	677310.8	4860528.2		26.51	1.80	0.18	88.75	1048.99	4.08	26.90	90.24	1.08	9.79	6.98E-08	1.17E-04		0.53	7.89E-03	4.49E-03	0.02	8.02E-04	0.22	2.87E-03	9.19E-03	
361	McLaughlin Bay 3	676563.5																								

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05	0.01	6.55E-04
					Background Concentration (ug/m3)	19.52			64.57	1040.00		22.82	86.16		5.78E-08	1.02E-04		0.52	7.35E-03	4.41E-03	0.02	7.35E-04	0.19	1.47E-03		
372	Westside 1	686082.6	4862776.6		24.59	1.30	0.13	82.11	1046.52	2.90	25.72	89.06	0.78	7.10	6.65E-08	1.13E-04		0.52	7.74E-03	4.47E-03	0.02	7.84E-04	0.21	2.49E-03	6.67E-03	
373	Westside 2	685778.7	4862137.9		23.73	1.08	0.11	79.12	1045.41	1.97	24.79	88.13	0.65	5.89	6.50E-08	1.11E-04		0.52	7.68E-03	4.46E-03	0.02	7.75E-04	0.20	2.31E-03	5.53E-03	
374	Westside 3	685084.2	4862827.4		23.98	1.15	0.11	79.99	1045.74	1.97	24.79	88.13	0.69	6.24	6.54E-08	1.12E-04		0.52	7.69E-03	4.46E-03	0.02	7.78E-04	0.20	2.36E-03	5.86E-03	
375	Darlington 1	680977.5	4865674.4		23.34	0.98	0.10	77.76	1044.91	2.86	25.68	89.02	0.59	5.34	6.43E-08	1.10E-04		0.52	7.64E-03	4.45E-03	0.02	7.72E-04	0.20	2.23E-03	5.01E-03	
376	Darlington 2	680913.9	4863967.1		25.76	1.60	0.16	86.14	1048.02	5.25	28.07	91.41	0.96	8.73	6.85E-08	1.15E-04		0.52	7.83E-03	4.48E-03	0.02	7.95E-04	0.21	2.72E-03	8.20E-03	
377	Darlington 3	682602.8	4863659.6		26.08	1.69	0.17	87.24	1048.43	4.29	27.11	90.45	1.01	9.18	6.90E-08	1.16E-04		0.52	7.86E-03	4.49E-03	0.02	7.98E-04	0.21	2.78E-03	8.62E-03	
378	Darlington 4	682206.4	4862910.4		26.24	1.73	0.17	87.82	1048.64	3.51	26.33	89.67	1.04	9.41	6.93E-08	1.16E-04		0.53	7.87E-03	4.49E-03	0.02	7.99E-04	0.21	2.82E-03	8.84E-03	
379	Darlington 5	683223.2	4861114.0		24.76	1.35	0.13	82.70	1046.74	3.30	26.12	89.46	0.81	7.34	6.68E-08	1.13E-04		0.52	7.76E-03	4.47E-03	0.02	7.85E-04	0.21	2.52E-03	6.89E-03	
380	Darlington 6	683947.7	4862362.0		24.46	1.27	0.13	81.66	1046.35	2.38	25.20	88.54	0.76	6.92	6.63E-08	1.13E-04		0.52	7.73E-03	4.47E-03	0.02	7.82E-04	0.21	2.46E-03	6.50E-03	
381	Darlington 7	685361.9	4861143.4		24.02	1.16	0.12	80.12	1045.78	2.04	24.86	88.20	0.69	6.30	6.55E-08	1.12E-04		0.52	7.70E-03	4.46E-03	0.02	7.78E-04	0.20	2.37E-03	5.91E-03	
382	Bennett ECO/HH	688606.4	4862634.8		22.03	0.64	0.06	73.24	1043.22	2.08	24.90	88.24	0.39	3.51	6.21E-08	1.07E-04		0.52	7.54E-03	4.44E-03	0.02	7.59E-04	0.20	1.97E-03	3.30E-03	
383	Oshawa ECO/HH	673884.9	4859128.9		23.61	1.05	0.11	78.70	1045.25	2.12	24.94	88.28	0.63	5.72	6.48E-08	1.11E-04		0.52	7.67E-03	4.46E-03	0.02	7.74E-04	0.20	2.29E-03	5.37E-03	
384	Oshawa Creek 1	671671.2	4862793.7		21.91	0.61	0.06	72.83	1043.07	2.20	25.02	88.36	0.37	3.34	6.19E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.95E-03	3.14E-03	
385	Oshawa Creek 2	671668.5	4861589.5		21.63	0.54	0.05	71.86	1042.71	2.03	24.85	88.19	0.33	2.95	6.14E-08	1.07E-04		0.52	7.51E-03	4.43E-03	0.02	7.56E-04	0.19	1.89E-03	2.77E-03	
386	Oshawa Creek 3	672820.2	4861287.2		21.76	0.58	0.06	72.30	1042.88	2.35	25.17	88.51	0.35	3.13	6.16E-08	1.07E-04		0.52	7.52E-03	4.43E-03	0.02	7.57E-04	0.19	1.92E-03	2.94E-03	
387	Oshawa Creek 4	672360.3	4860262.6		21.88	0.61	0.06	72.74	1043.04	2.06	24.88	88.22	0.36	3.31	6.18E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.58E-04	0.20	1.94E-03	3.11E-03	
388	Oshawa Creek 5	673921.2	4860115.0		22.52	0.77	0.08	74.95	1043.86	3.37	26.19	89.53	0.46	4.20	6.29E-08	1.09E-04		0.52	7.58E-03	4.44E-03	0.02	7.64E-04	0.20	2.07E-03	3.95E-03	
389	Oshawa Creek 6	673154.0	4859421.9		22.11	0.67	0.07	73.52	1043.33	2.10	24.92	88.26	0.40	3.63	6.22E-08	1.08E-04		0.52	7.55E-03	4.44E-03	0.02	7.60E-04	0.20	1.99E-03	3.40E-03	
390	Farmer	677409.8	4861051.4		28.67	2.35	0.24	96.22	1051.77	7.92	30.74	94.08	1.41	12.81	7.35E-08	1.21E-04		0.53	8.06E-03	4.52E-03	0.02	8.23E-04	0.23	3.30E-03	0.01	
391	Commercial Market	688276.3	4864698.5		21.82	0.59	0.06	72.53	1042.96	3.32	26.14	89.48	0.36	3.22	6.17E-08	1.07E-04		0.52	7.53E-03	4.44E-03	0.02	7.57E-04	0.20	1.93E-03	3.03E-03	



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
																			(m)	(m)	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	
1	Campground 10	678526.8	4859996.8	1.03E-04	7.44E-03	3.34E-03	0.03	4.84E-03	0.04	0.19	1.91E-03	7.50E-03	0.01	0.01	4.15E-03	0.17	0.66	0.03	1.66E-05	0.11	5.61E-05	1.69E-05	3.33E-05	2.20E-03	1.69E-04	4.37E-05		
2	ECO 2	675490.4	4860360.1	5.38E-05	7.09E-03	2.45E-03	0.02	2.52E-03	0.03	0.18	1.40E-03	7.43E-03	6.56E-03	0.01	3.97E-03	0.14	0.59	0.03	8.66E-06	0.11	2.92E-05	8.80E-06	1.73E-05	2.17E-03	1.61E-04	2.28E-05		
3	Recreational 5	681642.0	4860349.3	2.06E-04	8.16E-03	5.19E-03	0.04	9.64E-03	0.07	0.20	2.99E-03	7.65E-03	0.03	0.02	4.52E-03	0.23	0.81	0.03	3.31E-05	0.11	1.12E-04	3.36E-05	6.62E-05	2.27E-03	1.85E-04	8.69E-05		
4	ECO 4	676831.5	4859840.9	4.66E-05	7.04E-03	2.32E-03	0.02	2.19E-03	0.02	0.18	1.32E-03	7.42E-03	5.68E-03	9.91E-03	3.94E-03	0.13	0.58	0.03	7.51E-06	0.11	2.53E-05	7.63E-06	1.50E-05	2.16E-03	1.60E-04	1.97E-05		
5	Bow. Valley Cons. 3	685767.2	4863879.0	2.95E-05	6.92E-03	2.00E-03	0.02	1.38E-03	0.02	0.18	1.14E-03	7.39E-03	3.59E-03	8.97E-03	3.88E-03	0.12	0.56	0.03	4.74E-06	0.11	1.60E-05	4.82E-06	9.48E-06	2.15E-03	1.57E-04	1.25E-05		
6	ECO 6	679647.8	4859989.3	1.21E-04	7.57E-03	3.67E-03	0.03	5.69E-03	0.04	0.19	2.10E-03	7.53E-03	0.01	0.01	4.21E-03	0.18	0.69	0.03	1.95E-05	0.11	6.60E-05	1.99E-05	3.91E-05	2.21E-03	1.72E-04	5.14E-05		
7	ECO 7	681578.8	4862070.1	8.20E-05	7.29E-03	2.95E-03	0.02	3.84E-03	0.03	0.19	1.69E-03	7.47E-03	9.99E-03	0.01	4.07E-03	0.15	0.63	0.03	1.32E-05	0.11	4.45E-05	1.34E-05	2.64E-05	2.19E-03	1.65E-04	3.46E-05		
8	ECO 8	679735.5	4861048.6	1.86E-04	8.02E-03	4.83E-03	0.04	8.70E-03	0.06	0.20	2.78E-03	7.62E-03	0.02	0.02	4.45E-03	0.22	0.78	0.03	2.99E-05	0.11	1.01E-04	3.04E-05	5.98E-05	2.25E-03	1.82E-04	7.85E-05		
9	ECO 9	687219.7	4864249.3	2.27E-05	6.88E-03	1.88E-03	0.02	1.07E-03	0.02	0.18	1.07E-03	7.38E-03	2.77E-03	8.60E-03	3.86E-03	0.12	0.55	0.03	3.66E-06	0.11	1.24E-05	3.72E-06	7.32E-06	2.15E-03	1.56E-04	9.61E-06		
10	ECO 10	686519.0	4861987.6	3.39E-05	6.95E-03	2.08E-03	0.02	1.59E-03	0.02	0.18	1.19E-03	7.40E-03	4.13E-03	9.21E-03	3.90E-03	0.12	0.56	0.03	5.46E-06	0.11	1.84E-05	5.54E-06	1.09E-05	2.16E-03	1.58E-04	1.43E-05		
11	ECO 11	679870.4	4859737.9	9.32E-05	7.37E-03	3.16E-03	0.03	4.37E-03	0.04	0.19	1.81E-03	7.49E-03	0.01	0.01	4.11E-03	0.16	0.65	0.03	1.50E-05	0.11	5.06E-05	1.52E-05	3.00E-05	2.19E-03	1.67E-04	3.94E-05		
12	Recreational 4	681575.5	4860557.7	2.43E-04	8.43E-03	5.87E-03	0.05	0.01	0.08	0.21	3.38E-03	7.71E-03	0.03	0.02	4.66E-03	0.25	0.86	0.03	3.91E-05	0.11	1.32E-04	3.98E-05	7.83E-05	2.29E-03	1.91E-04	1.03E-04		
13	Future Industrial 9	680704.5	4859857.8	1.82E-04	8.00E-03	4.77E-03	0.04	8.53E-03	0.06	0.20	2.74E-03	7.62E-03	0.02	0.02	4.43E-03	0.22	0.78	0.03	2.93E-05	0.11	9.89E-05	2.98E-05	5.86E-05	2.25E-03	1.81E-04	7.70E-05		
14	Future Industrial 10	680608.0	4860719.6	2.36E-04	8.37E-03	5.74E-03	0.05	0.01	0.08	0.21	3.30E-03	7.70E-03	0.03	0.02	4.63E-03	0.25	0.85	0.03	3.79E-05	0.11	1.28E-04	3.86E-05	7.59E-05	2.29E-03	1.90E-04	9.97E-05		
15	Harmony Creek	673992.4	4865641.4	1.86E-05	6.85E-03	1.81E-03	0.02	8.74E-04	0.02	0.18	1.03E-03	7.37E-03	2.27E-03	8.37E-03	3.84E-03	0.11	0.54	0.03	3.00E-06	0.11	1.01E-05	3.05E-06	6.00E-06	2.15E-03	1.55E-04	7.88E-06		
16	Farewell Creek	678079.2	4868822.7	1.99E-05	6.86E-03	1.83E-03	0.02	9.35E-04	0.02	0.18	1.04E-03	7.38E-03	2.43E-03	8.44E-03	3.85E-03	0.12	0.54	0.03	3.21E-06	0.11	1.08E-05	3.26E-06	6.42E-06	2.15E-03	1.55E-04	8.43E-06		
17	Farmer	681378.6	4860335.0	1.81E-04	7.99E-03	4.74E-03	0.04	8.47E-03	0.06	0.20	2.73E-03	7.62E-03	0.02	0.02	4.43E-03	0.22	0.78	0.03	2.91E-05	0.11	9.82E-05	2.96E-05	5.82E-05	2.15E-03	1.81E-04	7.64E-05		
18	Watson Farm	682883.4	4864219.7	4.84E-05	7.06E-03	2.35E-03	0.02	2.27E-03	0.02	0.18	1.34E-03	7.42E-03	5.90E-03	0.01	3.95E-03	0.13	0.58	0.03	7.79E-06	0.11	2.63E-05	7.91E-06	1.56E-05	2.16E-03	1.60E-04	2.05E-05		
19	Racanski Farm	678929.2	4865530.2	2.97E-05	6.92E-03	2.01E-03	0.02	1.39E-03	0.02	0.18	1.14E-03	7.39E-03	3.62E-03	8.98E-03	3.88E-03	0.12	0.56	0.03	4.78E-06	0.11	1.61E-05	4.86E-06	9.56E-06	2.15E-03	1.57E-04	1.26E-05		
20	Zoo	687216.8	4864835.3	2.31E-05	6.88E-03	1.89E-03	0.02	1.08E-03	0.02	0.18	1.07E-03	7.38E-03	2.82E-03	8.62E-03	3.86E-03	0.12	0.55	0.03	3.72E-06	0.11	1.26E-05	3.78E-06	7.45E-06	2.15E-03	1.56E-04	9.78E-06		
21	Cedar Crest Beach	686652.1	4861660.9	4.10E-05	7.00E-03	2.21E-03	0.02	1.92E-03	0.02	0.18	1.26E-03	7.41E-03	5.00E-03	9.60E-03	3.92E-03	0.13	0.57	0.03	6.60E-06	0.11	2.23E-05	6.70E-06	1.32E-05	2.16E-03	1.59E-04	1.73E-05		
22	Darlington Prov Park Beach	677844.6	4859718.2	6.12E-05	7.15E-03	2.58E-03	0.02	2.87E-03	0.03	0.18	1.47E-03	7.44E-03	7.46E-03	0.01	3.99E-03	0.14	0.60	0.03	9.85E-06	0.11	3.32E-05	1.00E-05	1.97E-05	2.17E-03	1.62E-04	2.59E-05		
23	OPG 1	682258.1	4860045.0	9.17E-05	7.36E-03	3.13E-03	0.03	4.30E-03	0.04	0.19	1.79E-03	7.48E-03	0.01	0.01	4.11E-03	0.16	0.65	0.03	1.48E-05	0.11	4.98E-05	1.50E-05	2.95E-05	2.19E-03	1.67E-04	3.88E-05		
24	OPG 2	682551.4	4859889.1	7.68E-05	7.26E-03	2.86E-03	0.02	3.60E-03	0.03	0.19	1.64E-03	7.46E-03	9.36E-03	0.01	4.05E-03	0.15	0.63	0.03	1.24E-05	0.11	4.17E-05	1.26E-05	2.47E-05	2.18E-03	1.64E-04	3.25E-05		
25	OPG 3	682824.6	4859759.3	5.08E-05	7.07E-03	2.39E-03	0.02	2.38E-03	0.02	0.18	1.36E-03	7.42E-03	6.19E-03	0.01	3.96E-03	0.13	0.59	0.03	8.18E-06	0.11	2.76E-05	8.31E-06	1.64E-05	2.17E-03	1.60E-04	2.15E-05		
26	OPG 4	683021.6	4859937.3	5.83E-05	7.13E-03	2.53E-03	0.02	2.73E-03	0.03	0.18	1.44E-03	7.43E-03	7.11E-03	0.01	3.98E-03	0.14	0.60	0.03	9.39E-06	0.11	3.17E-05	9.54E-06	1.88E-05	2.17E-03	1.62E-04	2.47E-05		
27	OPG 5	683318.2	4859677.8	5.26E-05	7.09E-03	2.42E-03	0.02	2.47E-03	0.03	0.18	1.38E-03	7.42E-03	6.41E-03	0.01	3.96E-03	0.14	0.59	0.03	8.47E-06	0.11	2.86E-05	8.61E-06	1.69E-05	2.17E-03	1.61E-04	2.22E-05		
28	OPG 6	683306.9	4860023.0	7.25E-05	7.23E-03	2.78E-03	0.02	3.40E-03	0.03	0.19	1.59E-03	7.45E-03	8.84E-03	0.01	4.04E-03	0.15	0.62	0.03	1.17E-05	0.11	3.94E-05	1.19E-05	2.33E-05	2.18E-03	1.64E-04	3.07E-05		
29	OPG 7	683718.6	4859915.8	6.35E-05	7.16E-03	2.62E-03	0.02	2.98E-03	0.03	0.18	1.50E-03	7.44E-03	7.74E-03	0.01	4.00E-03	0.14	0.61	0.03	1.02E-05	0.11	3.45E-05	1.04E-05	2.04E-05	2.17E-03	1.62E-04	2.69E-05		
30	OPG 8	682702.0	4859998.6	6.86E-05	7.20E-03	2.71E-03	0.02	3.22E-03	0.03	0.18	1.55E-03	7.45E-03	8.36E-03	0.01	4.02E-03	0.15	0.61	0.03	1.10E-05	0.11	3.73E-05	1.12E-05	2.21E-05	2.18E-03	1.63E-04	2.90E-05		
31	OPG 9	684347.7	4861184.6	4.82E-05	7.05E-03	2.34E-03	0.02	2.26E-03	0.02	0.18	1.34E-03	7.42E-03	5.88E-03	1.00E-02	3.95E-03	0.13	0.58	0.03	7.76E-06	0.11	2.62E-05	7.88E-06	1.55E-05	2.16E-03	1.60E-04	2.04E-05		
32	OPG 10	682157.2	4861228.2	1.11E-04	7.50E-03	3.48E-03	0.03	5.20E-03	0.04	0.19	2.00E-03	7.51E-03	0.01	0.01	4.18E-03	0.17	0.67	0.03	1.79E-05	0.11	6.03E-05	1.82E-05	3.57E-05	2.21E-03	1.70E-04	4.69E-05		
33	St. Mary's 1	684557.0	4861070.0	5.96E-05	7.13E-03	2.55E-03	0.02	2.79E-03	0.03	0.18	1.46E-03	7.44E-03	7.27E-03	0.01	3.99E-03	0.14	0.60	0.03	9.59E-06	0.11	3.24E-05	9.75E-06	1.92E-05	2.17E-03	1.62E-04	2.52E-05		
34	St. Mary's 2	68465																										



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
		(m)	(m)	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		1.91E-04	4.82E-06	4.82E-06	1.63E-05	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05	
54	Bow. Subdivision 9	684777.3	4863330.5	3.79E-05	6.98E-03	2.16E-03	0.02	1.78E-03	0.02	0.18	1.23E-03	7.40E-03	4.62E-03	9.43E-03	3.91E-03	0.13	0.57	0.03	6.09E-06	0.11	2.06E-05	6.19E-06	1.22E-05	2.16E-03	1.58E-04	1.60E-05		
55	Bow. Subdivision 10	685266.0	4863243.1	3.95E-05	6.99E-03	2.19E-03	0.02	1.85E-03	0.02	0.18	1.25E-03	7.40E-03	4.81E-03	9.52E-03	3.92E-03	0.13	0.57	0.03	6.36E-06	0.11	2.15E-05	6.46E-06	1.27E-05	2.16E-03	1.58E-04	1.67E-05		
56	Osh/Court Subdivision 1	677396.8	4860977.3	8.27E-05	7.30E-03	2.97E-03	0.03	3.88E-03	0.03	0.19	1.70E-03	7.47E-03	0.01	0.01	4.07E-03	0.15	0.63	0.03	1.33E-05	0.11	4.49E-05	1.35E-05	2.66E-05	2.19E-03	1.65E-04	3.50E-05		
57	Osh/Court Subdivision 2	676633.5	4860816.8	5.73E-05	7.12E-03	2.51E-03	0.02	2.69E-03	0.03	0.18	1.43E-03	7.43E-03	6.99E-03	0.01	3.98E-03	0.14	0.60	0.03	9.22E-06	0.11	3.11E-05	9.37E-06	1.84E-05	2.17E-03	1.61E-04	2.42E-05		
58	Osh/Court Subdivision 3	676916.0	4861925.0	5.03E-05	7.07E-03	2.38E-03	0.02	2.36E-03	0.02	0.18	1.36E-03	7.42E-03	6.13E-03	0.01	3.96E-03	0.13	0.59	0.03	8.09E-06	0.11	2.73E-05	8.22E-06	1.62E-05	2.17E-03	1.60E-04	2.13E-05		
59	Osh/Court Subdivision 4	676730.5	4861317.1	4.63E-05	7.04E-03	2.31E-03	0.02	2.17E-03	0.02	0.18	1.32E-03	7.42E-03	5.65E-03	9.89E-03	3.94E-03	0.13	0.58	0.03	7.45E-06	0.11	2.52E-05	7.57E-06	1.49E-05	2.16E-03	1.60E-04	1.96E-05		
60	Osh/Court Subdivision 5	676087.2	4861392.3	5.28E-05	7.09E-03	2.43E-03	0.02	2.48E-03	0.03	0.18	1.39E-03	7.43E-03	6.44E-03	0.01	3.96E-03	0.14	0.59	0.03	8.50E-06	0.11	2.87E-05	8.64E-06	1.70E-05	2.17E-03	1.61E-04	2.23E-05		
61	Osh/Court Subdivision 6	676177.1	4861722.2	4.62E-05	7.04E-03	2.31E-03	0.02	2.17E-03	0.02	0.18	1.32E-03	7.42E-03	5.63E-03	9.89E-03	3.94E-03	0.13	0.58	0.03	7.44E-06	0.11	2.51E-05	7.56E-06	1.49E-05	2.16E-03	1.60E-04	1.95E-05		
62	Osh/Court Subdivision 7	675670.7	4861783.2	4.63E-05	7.04E-03	2.31E-03	0.02	2.17E-03	0.02	0.18	1.32E-03	7.42E-03	5.64E-03	9.89E-03	3.94E-03	0.13	0.58	0.03	7.45E-06	0.11	2.51E-05	7.57E-06	1.49E-05	2.16E-03	1.60E-04	1.96E-05		
63	Osh/Court Subdivision 8	676050.8	4862055.7	5.21E-05	7.08E-03	2.41E-03	0.02	2.44E-03	0.03	0.18	1.38E-03	7.42E-03	6.35E-03	0.01	3.96E-03	0.14	0.59	0.03	8.39E-06	0.11	2.83E-05	8.52E-06	1.68E-05	2.17E-03	1.61E-04	2.20E-05		
64	Osh/Court Subdivision 9	676636.9	4862134.3	5.23E-05	7.08E-03	2.42E-03	0.02	2.45E-03	0.03	0.18	1.38E-03	7.42E-03	6.37E-03	0.01	3.96E-03	0.14	0.59	0.03	8.42E-06	0.11	2.84E-05	8.55E-06	1.68E-05	2.17E-03	1.61E-04	2.21E-05		
65	Osh/Court Subdivision 10	676571.3	4861634.8	4.61E-05	7.04E-03	2.30E-03	0.02	2.16E-03	0.02	0.18	1.31E-03	7.41E-03	5.61E-03	9.88E-03	3.94E-03	0.13	0.58	0.03	7.41E-06	0.11	2.50E-05	7.53E-06	1.48E-05	2.16E-03	1.60E-04	1.95E-05		
66	Bow. Subdivision 11	684649.2	4863182.7	4.00E-05	7.00E-03	2.19E-03	0.02	1.87E-03	0.02	0.18	1.25E-03	7.41E-03	4.87E-03	9.55E-03	3.92E-03	0.13	0.57	0.03	6.44E-06	0.11	2.17E-05	6.54E-06	1.29E-05	2.16E-03	1.59E-04	1.69E-05		
67	Daycare B	685172.4	4863933.1	2.70E-05	6.91E-03	1.96E-03	0.02	1.27E-03	0.02	0.18	1.12E-03	7.39E-03	3.29E-03	8.83E-03	3.87E-03	0.12	0.55	0.03	4.35E-06	0.11	1.47E-05	4.41E-06	8.69E-06	2.15E-03	1.56E-04	1.14E-05		
68	Daycare C	685452.0	4863104.4	4.14E-05	7.01E-03	2.22E-03	0.02	1.94E-03	0.02	0.18	1.27E-03	7.41E-03	5.05E-03	9.62E-03	3.92E-03	0.13	0.57	0.03	6.67E-06	0.11	2.25E-05	6.78E-06	1.33E-05	2.16E-03	1.59E-04	1.75E-05		
69	Daycare D	685527.7	4864693.3	2.89E-05	6.92E-03	1.99E-03	0.02	1.35E-03	0.02	0.18	1.13E-03	7.39E-03	3.52E-03	8.93E-03	3.88E-03	0.12	0.56	0.03	4.65E-06	0.11	1.57E-05	4.72E-06	9.30E-06	2.15E-03	1.57E-04	1.22E-05		
70	Daycare E	685735.4	4864790.8	2.80E-05	6.91E-03	1.98E-03	0.02	1.31E-03	0.02	0.18	1.13E-03	7.39E-03	3.41E-03	8.88E-03	3.87E-03	0.12	0.56	0.03	4.50E-06	0.11	1.52E-05	4.58E-06	9.01E-06	2.15E-03	1.57E-04	1.18E-05		
71	Daycare F	685520.3	4864854.3	2.28E-05	6.88E-03	1.88E-03	0.02	1.07E-03	0.02	0.18	1.07E-03	7.38E-03	2.78E-03	8.60E-03	3.86E-03	0.12	0.55	0.03	3.67E-06	0.11	1.24E-05	3.73E-06	7.35E-06	2.15E-03	1.56E-04	9.65E-06		
72	Daycare G	685441.9	4864878.0	2.51E-05	6.89E-03	1.93E-03	0.02	1.18E-03	0.02	0.18	1.10E-03	7.38E-03	3.06E-03	8.73E-03	3.86E-03	0.12	0.55	0.03	4.04E-06	0.11	1.36E-05	4.11E-06	8.08E-06	2.15E-03	1.56E-04	1.06E-05		
73	Daycare H	686364.8	4864707.8	2.38E-05	6.88E-03	1.90E-03	0.02	1.12E-03	0.02	0.18	1.08E-03	7.38E-03	2.91E-03	8.66E-03	3.86E-03	0.12	0.55	0.03	3.84E-06	0.11	1.30E-05	3.90E-06	7.67E-06	2.15E-03	1.56E-04	1.01E-05		
74	Daycare I	685721.6	4865127.3	2.28E-05	6.88E-03	1.88E-03	0.02	1.07E-03	0.02	0.18	1.07E-03	7.38E-03	2.77E-03	8.60E-03	3.86E-03	0.12	0.55	0.03	3.66E-06	0.11	1.24E-05	3.72E-06	7.32E-06	2.15E-03	1.56E-04	9.62E-06		
75	Daycare J	678256.3	4863565.4	1.29E-04	7.62E-03	3.80E-03	0.03	6.04E-03	0.05	0.19	2.18E-03	7.54E-03	0.02	0.01	4.24E-03	0.18	0.70	0.03	2.07E-05	0.11	7.00E-05	2.11E-05	4.14E-05	2.12E-03	1.73E-04	5.44E-05		
76	Daycare K	677694.1	4864043.7	4.97E-05	7.07E-03	2.37E-03	0.02	2.33E-03	0.02	0.18	1.35E-03	7.42E-03	6.06E-03	0.01	3.95E-03	0.13	0.59	0.03	8.00E-06	0.11	2.70E-05	8.13E-06	1.60E-05	2.17E-03	1.60E-04	2.10E-05		
77	Daycare L	676479.5	4862526.2	6.44E-05	7.17E-03	2.64E-03	0.02	3.02E-03	0.03	0.18	1.51E-03	7.44E-03	7.85E-03	0.01	4.01E-03	0.14	0.61	0.03	1.04E-05	0.11	3.50E-05	1.05E-05	2.07E-05	2.18E-03	1.62E-04	2.72E-05		
78	Daycare M	678320.9	4864763.5	2.94E-05	6.92E-03	2.00E-03	0.02	1.38E-03	0.02	0.18	1.14E-03	7.39E-03	3.59E-03	8.96E-03	3.88E-03	0.12	0.56	0.03	4.73E-06	0.11	1.60E-05	4.81E-06	9.47E-06	2.15E-03	1.57E-04	1.24E-05		
79	Daycare N	678513.4	4865058.0	2.95E-05	6.92E-03	2.00E-03	0.02	1.38E-03	0.02	0.18	1.14E-03	7.39E-03	3.60E-03	8.97E-03	3.88E-03	0.12	0.56	0.03	4.75E-06	0.11	1.60E-05	4.82E-06	9.49E-06	2.15E-03	1.57E-04	1.25E-05		
80	Daycare O	672788.7	4863936.6	3.13E-05	6.94E-03	2.04E-03	0.02	1.47E-03	0.02	0.18	1.16E-03	7.39E-03	3.82E-03	9.07E-03	3.89E-03	0.12	0.56	0.03	5.04E-06	0.11	1.70E-05	5.13E-06	1.01E-05	2.15E-03	1.57E-04	1.32E-05		
81	Daycare P	673952.8	4863592.5	4.26E-05	7.01E-03	2.24E-03	0.02	1.99E-03	0.02	0.18	1.28E-03	7.41E-03	5.19E-03	9.69E-03	3.93E-03	0.13	0.58	0.03	6.85E-06	0.11	2.31E-05	6.96E-06	1.37E-05	2.16E-03	1.59E-04	1.80E-05		
82	Daycare Q	671751.8	4864887.7	2.61E-05	6.90E-03	1.94E-03	0.02	1.22E-03	0.02	0.18	1.11E-03	7.38E-03	3.18E-03	8.78E-03	3.87E-03	0.12	0.55	0.03	4.20E-06	0.11	1.42E-05	4.27E-06	8.40E-06	2.15E-03	1.56E-04	1.10E-05		
83	Daycare R	685714.4	4864667.4	2.99E-05	6.93E-03	2.01E-03	0.02	1.40E-03	0.02	0.18	1.15E-03	7.39E-03	3.65E-03	8.99E-03	3.88E-03	0.12	0.56	0.03	4.82E-06	0.11	1.63E-05	4.89E-06	9.63E-06	2.15E-03	1.57E-04	1.27E-05		
84	Daycare S	684177.9	4863618.2	4.45E-05	7.03E-03	2.28E-03	0.02	2.08E-03	0.02	0.18	1.30E-03	7.41E-03	5.42E-03	9.79E-03	3.93E-03	0.13	0.58	0.03	7.15E-06	0.11	2.41E-05	7.27E-06	1.43E-05	2.16E-03	1.59E-04	1.88E-05		
85	Daycare T	678423.6	4864480.4	4.60E-05	7.04E-03	2.30E-03	0.02	2.16E-03	0.02	0.18	1.31E-03	7.41E-03	5.61E-03	9.87E-03	3.94E-03	0.13	0.58	0.03	7.40E-06	0.11	2.50E-05	7.52E-06	1.48E-05	2.16E-03	1.60E-04	1.94E-05		
86	Daycare U	685330.5	4863435.1	4.23E-05	7.01E-03	2.24E-03	0.02	1.98E-03	0.02	0.18	1.28E-03	7.41E-03	5.15E-03	9.67E-03	3.93E-03	0.13	0.58	0.03	6.80E-06	0.11	2.30E-05	6.91E-06	1.36E-05					

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
																			(m)	(m)	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	
107	Daycare PP	674794.5	4864915.4	2.24E-05	6.87E-03	1.88E-03	0.02	1.05E-03	0.02	0.18	1.07E-03	7.38E-03	2.73E-03	8.58E-03	3.85E-03	0.12	0.55	0.03	3.60E-06	0.11	1.22E-05	3.66E-06	7.20E-06	2.15E-03	1.56E-04	9.46E-06		
108	Hospital	686324.2	4864395.8	2.64E-05	6.90E-03	1.95E-03	0.02	1.24E-03	0.02	0.18	1.11E-03	7.39E-03	3.22E-03	8.80E-03	3.87E-03	0.12	0.55	0.03	4.26E-06	0.11	1.44E-05	4.32E-06	8.51E-06	2.15E-03	1.56E-04	1.12E-05		
109	Hospital (Children's)	676057.8	4862180.9	5.49E-05	7.10E-03	2.47E-03	0.02	2.57E-03	0.03	0.18	1.41E-03	7.43E-03	6.69E-03	0.01	3.97E-03	0.14	0.59	0.03	8.84E-06	0.11	2.98E-05	8.98E-06	1.77E-05	2.17E-03	1.61E-04	2.32E-05		
110	Hospital	671233.2	4863615.9	2.21E-05	6.87E-03	1.87E-03	0.02	1.03E-03	0.02	0.18	1.06E-03	7.38E-03	2.69E-03	8.56E-03	3.85E-03	0.12	0.55	0.03	3.55E-06	0.11	1.20E-05	3.61E-06	7.10E-06	2.15E-03	1.56E-04	9.33E-06		
111	Comm. Resp. Services	676045.4	4863902.5	4.10E-05	7.00E-03	2.21E-03	0.02	1.92E-03	0.02	0.18	1.26E-03	7.41E-03	5.00E-03	9.60E-03	3.92E-03	0.13	0.57	0.03	6.60E-06	0.11	2.23E-05	6.70E-06	1.32E-05	2.16E-03	1.59E-04	1.73E-05		
112	Hospital	671712.7	4862364.1	1.86E-05	6.85E-03	1.81E-03	0.02	8.70E-04	0.02	0.18	1.03E-03	7.37E-03	2.26E-03	8.37E-03	3.84E-03	0.11	0.54	0.03	2.99E-06	0.11	1.01E-05	3.03E-06	5.97E-06	2.15E-03	1.55E-04	7.84E-06		
113	Retirement Residence A	684199.9	4864120.3	5.43E-05	7.10E-03	2.45E-03	0.02	2.55E-03	0.03	0.18	1.40E-03	7.43E-03	6.62E-03	0.01	3.97E-03	0.14	0.59	0.03	8.74E-06	0.11	2.95E-05	8.88E-06	1.75E-05	2.17E-03	1.61E-04	2.30E-05		
114	Retirement Residence B	685483.9	4865150.9	2.90E-05	6.92E-03	2.00E-03	0.02	1.36E-03	0.02	0.18	1.14E-03	7.39E-03	3.53E-03	8.94E-03	3.88E-03	0.12	0.56	0.03	4.67E-06	0.11	1.58E-05	4.74E-06	9.33E-06	2.15E-03	1.57E-04	1.23E-05		
115	Retirement Residence C	686844.0	4864732.1	2.48E-05	6.89E-03	1.92E-03	0.02	1.16E-03	0.02	0.18	1.09E-03	7.38E-03	3.03E-03	8.71E-03	3.86E-03	0.12	0.55	0.03	4.00E-06	0.11	1.35E-05	4.06E-06	8.00E-06	2.15E-03	1.56E-04	1.05E-05		
116	Retirement Residence D	673481.7	4863343.4	3.12E-05	6.94E-03	2.04E-03	0.02	1.46E-03	0.02	0.18	1.16E-03	7.39E-03	3.80E-03	9.06E-03	3.89E-03	0.12	0.56	0.03	5.02E-06	0.11	1.70E-05	5.10E-06	1.00E-05	2.15E-03	1.57E-04	1.32E-05		
117	Retirement Residence E	671825.2	4864399.0	2.84E-05	6.92E-03	1.99E-03	0.02	1.33E-03	0.02	0.18	1.13E-03	7.39E-03	3.46E-03	8.91E-03	3.88E-03	0.12	0.56	0.03	4.57E-06	0.11	1.54E-05	4.65E-06	9.15E-06	2.15E-03	1.57E-04	1.20E-05		
118	Retirement Residence F	671606.3	4864536.0	2.75E-05	6.91E-03	1.97E-03	0.02	1.29E-03	0.02	0.18	1.12E-03	7.39E-03	3.35E-03	8.86E-03	3.87E-03	0.12	0.55	0.03	4.42E-06	0.11	1.49E-05	4.49E-06	8.84E-06	2.15E-03	1.57E-04	1.16E-05		
119	Retirement Residence G	671357.1	4862958.7	2.08E-05	6.86E-03	1.85E-03	0.02	9.77E-04	0.02	0.18	1.05E-03	7.38E-03	2.54E-03	8.49E-03	3.85E-03	0.12	0.55	0.03	3.35E-06	0.11	1.13E-05	3.41E-06	6.71E-06	2.15E-03	1.55E-04	8.81E-06		
120	Retirement Residence H	671514.0	4862262.9	1.78E-05	6.84E-03	1.79E-03	0.01	8.32E-04	0.02	0.18	1.02E-03	7.37E-03	2.16E-03	8.32E-03	3.84E-03	0.11	0.54	0.03	2.86E-06	0.11	9.65E-06	2.90E-06	5.72E-06	2.14E-03	1.55E-04	7.51E-06		
121	Retirement Residence I	672602.2	4863075.9	2.17E-05	6.87E-03	1.86E-03	0.02	1.02E-03	0.02	0.18	1.06E-03	7.38E-03	2.65E-03	8.54E-03	3.85E-03	0.12	0.55	0.03	3.50E-06	0.11	1.18E-05	3.55E-06	6.99E-06	2.15E-03	1.56E-04	9.19E-06		
122	Retirement Residence J	671719.1	4862893.1	2.18E-05	6.87E-03	1.87E-03	0.02	1.02E-03	0.02	0.18	1.06E-03	7.38E-03	2.66E-03	8.55E-03	3.85E-03	0.12	0.55	0.03	3.51E-06	0.11	1.19E-05	3.57E-06	7.02E-06	2.15E-03	1.56E-04	9.22E-06		
123	Retirement Residence K	686718.0	4865648.7	1.83E-05	6.84E-03	1.80E-03	0.01	8.57E-04	0.02	0.18	1.02E-03	7.37E-03	2.23E-03	8.35E-03	3.84E-03	0.11	0.54	0.03	2.94E-06	0.11	9.93E-06	2.99E-06	5.89E-06	2.15E-03	1.55E-04	7.73E-06		
124	Retirement Residence L	676168.7	4865669.9	3.07E-05	6.93E-03	2.03E-03	0.02	1.44E-03	0.02	0.18	1.15E-03	7.39E-03	3.74E-03	9.03E-03	3.88E-03	0.12	0.56	0.03	4.94E-06	0.11	1.67E-05	5.02E-06	9.88E-06	2.15E-03	1.57E-04	1.30E-05		
125	Retirement Residence M	676118.5	4863980.7	4.40E-05	7.03E-03	2.27E-03	0.02	2.06E-03	0.02	0.18	1.29E-03	7.41E-03	5.36E-03	9.77E-03	3.93E-03	0.13	0.58	0.03	7.08E-06	0.11	2.39E-05	7.20E-06	1.42E-05	2.16E-03	1.59E-04	1.86E-05		
126	Bow. Subdivision 12	684649.2	4863182.7	4.00E-05	7.00E-03	2.19E-03	0.02	1.87E-03	0.02	0.18	1.25E-03	7.41E-03	4.87E-03	9.55E-03	3.92E-03	0.13	0.57	0.03	6.44E-06	0.11	2.17E-05	6.54E-06	1.29E-05	2.16E-03	1.59E-04	1.69E-05		
127	Primary School B	685384.8	4863575.3	3.85E-05	6.99E-03	2.17E-03	0.02	1.81E-03	0.02	0.18	1.24E-03	7.40E-03	4.70E-03	9.47E-03	3.91E-03	0.13	0.57	0.03	6.20E-06	0.11	2.09E-05	6.30E-06	1.24E-05	2.16E-03	1.58E-04	1.63E-05		
128	Primary School C	685021.6	4863952.9	3.15E-05	6.94E-03	2.04E-03	0.02	1.47E-03	0.02	0.18	1.16E-03	7.39E-03	3.83E-03	9.08E-03	3.89E-03	0.12	0.56	0.03	5.06E-06	0.11	1.71E-05	5.14E-06	1.01E-05	2.15E-03	1.57E-04	1.33E-05		
129	Primary School D	686237.0	4864085.5	2.81E-05	6.91E-03	1.98E-03	0.02	1.32E-03	0.02	0.18	1.13E-03	7.39E-03	3.42E-03	8.89E-03	3.87E-03	0.12	0.56	0.03	4.52E-06	0.11	1.52E-05	4.59E-06	9.03E-06	2.15E-03	1.57E-04	1.19E-05		
130	Primary School E	686719.0	4863734.7	2.68E-05	6.90E-03	1.96E-03	0.02	1.25E-03	0.02	0.18	1.11E-03	7.39E-03	3.26E-03	8.82E-03	3.87E-03	0.12	0.55	0.03	4.31E-06	0.11	1.45E-05	4.38E-06	8.62E-06	2.15E-03	1.56E-04	1.13E-05		
131	Primary School F	686357.0	4864754.9	2.34E-05	6.88E-03	1.90E-03	0.02	1.10E-03	0.02	0.18	1.08E-03	7.38E-03	2.86E-03	8.63E-03	3.86E-03	0.12	0.55	0.03	3.77E-06	0.11	1.27E-05	3.83E-06	7.54E-06	2.15E-03	1.56E-04	9.91E-06		
132	Primary School G	685502.0	4865013.4	2.52E-05	6.89E-03	1.93E-03	0.02	1.18E-03	0.02	0.18	1.10E-03	7.38E-03	3.07E-03	8.73E-03	3.86E-03	0.12	0.55	0.03	4.06E-06	0.11	1.37E-05	4.12E-06	8.12E-06	2.15E-03	1.56E-04	1.07E-05		
133	Primary School H	686726.7	4866061.5	1.90E-05	6.85E-03	1.81E-03	0.02	8.89E-04	0.02	0.18	1.03E-03	7.37E-03	2.31E-03	8.39E-03	3.84E-03	0.12	0.54	0.03	3.05E-06	0.11	1.03E-05	3.10E-06	6.10E-06	2.15E-03	1.55E-04	8.01E-06		
134	Primary School I	685186.2	4866568.2	5.43E-05	7.10E-03	2.45E-03	0.02	2.55E-03	0.03	0.18	1.40E-03	7.43E-03	6.62E-03	0.01	3.97E-03	0.14	0.59	0.03	8.74E-06	0.11	2.95E-05	8.88E-06	1.75E-05	2.17E-03	1.61E-04	2.30E-05		
135	Primary School J	685965.3	4866979.0	2.17E-05	6.87E-03	1.86E-03	0.02	1.02E-03	0.02	0.18	1.06E-03	7.38E-03	2.65E-03	8.54E-03	3.85E-03	0.12	0.55	0.03	3.50E-06	0.11	1.18E-05	3.55E-06	6.99E-06	2.15E-03	1.56E-04	9.18E-06		
136	Primary School K	677709.9	4864726.5	4.46E-05	7.03E-03	2.28E-03	0.02	2.09E-03	0.02	0.18	1.30E-03	7.41E-03	5.43E-03	9.80E-03	3.93E-03	0.13	0.58	0.03	7.17E-06	0.11	2.42E-05	7.29E-06	1.43E-05	2.16E-03	1.59E-04	1.88E-05		
137	Primary School L	675988.3	4864270.2	4.08E-05	7.00E-03	2.21E-03	0.02	1.91E-03	0.02	0.18	1.26E-03	7.41E-03	4.97E-03	9.59E-03	3.92E-03	0.13	0.57	0.03	6.57E-06	0.11	2.22E-05	6.67E-06	1.31E-05	2.16E-03	1.59E-04	1.72E-05		
138	Primary School M	676608.7	4862739.0	4.59E-05	7.04E-03	2.30E-03	0.02	2.15E-03	0.02	0.18	1.31E-03	7.41E-03	5.60E-03	9.87E-03	3.94E-03	0.13	0.58	0.03	7.39E-06	0.11	2.50E-05	7.51E-06	1.48E-05	2.16E-03	1.60E-04	1.94E-05		
139	Primary School N	677222.2	4863759.1	8.11E-05	7.29E-03	2.94E-03	0.02	3.80E-03	0.03	0.19	1.68E-03	7.47E-03	9.89E-03	0.01	4.07E-03	0.15	0.63	0										

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
		(m)	(m)	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		1.91E-04	4.82E-06	4.82E-06	1.63E-05	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05	
160	Primary School II	672616.7	4862114.9	2.46E-05	6.89E-03	1.92E-03	0.02	1.15E-03	0.02	0.18	1.09E-03	7.38E-03	3.00E-03	8.70E-03	3.86E-03	0.12	0.55	0.03	3.96E-06	0.11	1.34E-05	4.03E-06	7.93E-06	2.15E-03	1.56E-04	1.04E-05		
161	Primary School JJ	673567.2	4861899.5	4.09E-05	7.00E-03	2.21E-03	0.02	1.92E-03	0.02	0.18	1.26E-03	7.41E-03	4.99E-03	9.60E-03	3.92E-03	0.13	0.57	0.03	6.58E-06	0.11	2.22E-05	6.69E-06	1.32E-05	2.16E-03	1.59E-04	1.73E-05		
162	Primary School KK	671791.0	4861954.2	1.77E-05	6.84E-03	1.79E-03	0.01	8.32E-04	0.02	0.18	1.02E-03	7.37E-03	2.16E-03	8.32E-03	3.84E-03	0.11	0.54	0.03	2.86E-06	0.11	9.64E-06	2.90E-06	5.71E-06	2.14E-03	1.55E-04	7.50E-06		
163	Primary School LL	673762.3	4864210.6	3.04E-05	6.93E-03	2.02E-03	0.02	1.43E-03	0.02	0.18	1.15E-03	7.39E-03	3.71E-03	9.02E-03	3.88E-03	0.12	0.56	0.03	4.90E-06	0.11	1.65E-05	4.98E-06	9.79E-06	2.15E-03	1.57E-04	1.29E-05		
164	Primary School MM	672238.8	4864621.3	2.90E-05	6.92E-03	2.00E-03	0.02	1.36E-03	0.02	0.18	1.14E-03	7.39E-03	3.54E-03	8.94E-03	3.88E-03	0.12	0.56	0.03	4.67E-06	0.11	1.58E-05	4.74E-06	9.34E-06	2.15E-03	1.57E-04	1.23E-05		
165	Primary School NN	673213.6	4858677.0	1.92E-05	6.85E-03	1.82E-03	0.02	8.99E-04	0.02	0.18	1.03E-03	7.37E-03	2.34E-03	8.40E-03	3.84E-03	0.12	0.54	0.03	3.09E-06	0.11	1.04E-05	3.14E-06	6.17E-06	2.15E-03	1.55E-04	8.11E-06		
166	Primary School OO	675474.8	4863221.7	6.44E-05	7.17E-03	2.64E-03	0.02	3.02E-03	0.03	0.18	1.51E-03	7.44E-03	7.85E-03	0.01	4.01E-03	0.14	0.61	0.03	1.04E-05	0.11	3.50E-05	1.05E-05	2.07E-05	2.17E-03	1.62E-04	2.72E-05		
167	Primary School PP	672441.8	4858748.6	2.07E-05	6.86E-03	1.85E-03	0.02	9.72E-04	0.02	0.18	1.05E-03	7.38E-03	2.53E-03	8.49E-03	3.85E-03	0.12	0.55	0.03	3.34E-06	0.11	1.13E-05	3.39E-06	6.68E-06	2.15E-03	1.55E-04	8.77E-06		
168	Primary School QQ	672796.8	4864438.2	3.07E-05	6.93E-03	2.03E-03	0.02	1.44E-03	0.02	0.18	1.15E-03	7.39E-03	3.74E-03	9.03E-03	3.88E-03	0.12	0.56	0.03	4.94E-06	0.11	1.67E-05	5.02E-06	9.88E-06	2.15E-03	1.57E-04	1.30E-05		
169	Primary School RR	671351.4	4863284.0	1.75E-05	6.84E-03	1.79E-03	0.01	8.20E-04	0.02	0.18	1.02E-03	7.37E-03	2.13E-03	8.31E-03	3.84E-03	0.11	0.54	0.03	2.82E-06	0.11	9.51E-06	2.86E-06	5.63E-06	2.14E-03	1.55E-04	7.40E-06		
170	Primary School SS	673213.9	4862125.5	3.36E-05	6.95E-03	2.08E-03	0.02	1.58E-03	0.02	0.18	1.18E-03	7.40E-03	4.10E-03	9.20E-03	3.89E-03	0.12	0.56	0.03	5.41E-06	0.11	1.83E-05	5.50E-06	1.08E-05	2.16E-03	1.58E-04	1.42E-05		
171	Primary School TT	671017.9	4860953.7	1.33E-05	6.81E-03	1.71E-03	0.01	6.23E-04	0.01	0.18	9.72E-04	7.37E-03	1.62E-03	8.08E-03	3.82E-03	0.11	0.53	0.03	2.14E-06	0.11	7.22E-06	2.17E-06	4.28E-06	2.14E-03	1.54E-04	5.62E-06		
172	Primary School UU	670991.0	4861089.8	1.31E-05	6.81E-03	1.71E-03	0.01	6.15E-04	0.01	0.18	9.70E-04	7.37E-03	1.60E-03	8.07E-03	3.82E-03	0.11	0.53	0.03	2.11E-06	0.11	7.13E-06	2.15E-06	4.22E-06	2.14E-03	1.54E-04	5.55E-06		
173	Primary School VV	674150.1	4862294.8	3.72E-05	6.98E-03	2.14E-03	0.02	1.74E-03	0.02	0.18	1.22E-03	7.40E-03	4.53E-03	9.39E-03	3.91E-03	0.13	0.57	0.03	5.98E-06	0.11	2.02E-05	6.08E-06	1.20E-05	2.16E-03	1.58E-04	1.57E-05		
174	Primary School WW	672005.2	4861707.9	1.87E-05	6.85E-03	1.81E-03	0.02	8.77E-04	0.02	0.18	1.03E-03	7.37E-03	2.28E-03	8.37E-03	3.84E-03	0.11	0.54	0.03	3.01E-06	0.11	1.02E-05	3.06E-06	6.02E-06	2.15E-03	1.55E-04	7.91E-06		
175	Primary School XX	684172.1	4863615.6	4.49E-05	7.03E-03	2.28E-03	0.02	2.11E-03	0.02	0.18	1.30E-03	7.41E-03	5.47E-03	9.82E-03	3.94E-03	0.13	0.58	0.03	7.23E-06	0.11	2.44E-05	7.34E-06	1.45E-05	2.16E-03	1.59E-04	1.90E-05		
176	Primary School YY	683923.3	4866636.4	2.35E-05	6.88E-03	1.90E-03	0.02	1.10E-03	0.02	0.18	1.08E-03	7.38E-03	2.87E-03	8.64E-03	3.86E-03	0.12	0.55	0.03	3.78E-06	0.11	1.28E-05	3.85E-06	7.57E-06	2.15E-03	1.56E-04	9.94E-06		
177	Primary School ZZ	680446.0	4865770.5	2.92E-05	6.92E-03	2.00E-03	0.02	1.37E-03	0.02	0.18	1.14E-03	7.39E-03	3.56E-03	8.95E-03	3.88E-03	0.12	0.56	0.03	4.70E-06	0.11	1.59E-05	4.77E-06	9.40E-06	2.15E-03	1.57E-04	1.23E-05		
178	Vacant School	685612.9	4864520.0	3.19E-05	6.94E-03	2.05E-03	0.02	1.49E-03	0.02	0.18	1.17E-03	7.39E-03	3.88E-03	9.10E-03	3.89E-03	0.12	0.56	0.03	5.13E-06	0.11	1.73E-05	5.21E-06	1.03E-05	2.15E-03	1.57E-04	1.35E-05		
179	Secondary School A	686291.4	4865064.3	2.34E-05	6.88E-03	1.89E-03	0.02	1.10E-03	0.02	0.18	1.08E-03	7.38E-03	2.85E-03	8.63E-03	3.86E-03	0.12	0.55	0.03	3.77E-06	0.11	1.27E-05	3.83E-06	7.54E-06	2.15E-03	1.56E-04	9.90E-06		
180	Secondary School B	683875.0	4864741.7	4.29E-05	7.02E-03	2.25E-03	0.02	2.01E-03	0.02	0.18	1.28E-03	7.41E-03	5.23E-03	9.71E-03	3.93E-03	0.13	0.58	0.03	6.91E-06	0.11	2.33E-05	7.02E-06	1.38E-05	2.16E-03	1.59E-04	1.81E-05		
181	Secondary School C	684650.3	4864660.3	2.73E-05	6.91E-03	1.97E-03	0.02	1.28E-03	0.02	0.18	1.12E-03	7.39E-03	3.33E-03	8.85E-03	3.87E-03	0.12	0.55	0.03	4.40E-06	0.11	1.49E-05	4.47E-06	8.80E-06	2.15E-03	1.57E-04	1.16E-05		
182	Secondary School D	678099.5	4864838.2	3.54E-05	6.96E-03	2.11E-03	0.02	1.66E-03	0.02	0.18	1.20E-03	7.40E-03	4.32E-03	9.29E-03	3.90E-03	0.13	0.57	0.03	5.70E-06	0.11	1.92E-05	5.79E-06	1.14E-05	2.16E-03	1.58E-04	1.50E-05		
183	Secondary School E	678467.0	4863431.2	9.03E-05	7.35E-03	3.11E-03	0.03	4.23E-03	0.04	0.19	1.78E-03	7.48E-03	0.01	0.01	4.10E-03	0.16	0.65	0.03	1.45E-05	0.11	4.91E-05	1.48E-05	2.91E-05	2.19E-03	1.67E-04	3.82E-05		
184	Secondary School F	674144.9	4862762.7	3.94E-05	6.99E-03	2.18E-03	0.02	1.85E-03	0.02	0.18	1.24E-03	7.40E-03	4.80E-03	9.51E-03	3.92E-03	0.13	0.57	0.03	6.34E-06	0.11	2.14E-05	6.44E-06	1.27E-05	2.16E-03	1.58E-04	1.66E-05		
185	Secondary School G	673816.0	4864357.1	2.37E-05	6.88E-03	1.90E-03	0.02	1.11E-03	0.02	0.18	1.08E-03	7.38E-03	2.89E-03	8.65E-03	3.86E-03	0.12	0.55	0.03	3.81E-06	0.11	1.29E-05	3.87E-06	7.62E-06	2.15E-03	1.56E-04	1.00E-05		
186	Secondary School H	673145.4	4858569.0	2.04E-05	6.86E-03	1.84E-03	0.02	9.54E-04	0.02	0.18	1.05E-03	7.38E-03	2.48E-03	8.47E-03	3.85E-03	0.12	0.54	0.03	3.28E-06	0.11	1.11E-05	3.33E-06	6.55E-06	2.15E-03	1.55E-04	8.61E-06		
187	Secondary School I	671291.7	4863581.3	2.17E-05	6.87E-03	1.86E-03	0.02	1.02E-03	0.02	0.18	1.06E-03	7.38E-03	2.65E-03	8.54E-03	3.85E-03	0.12	0.55	0.03	3.50E-06	0.11	1.18E-05	3.56E-06	7.00E-06	2.15E-03	1.56E-04	9.19E-06		
188	Secondary School J	671443.2	4861664.9	1.97E-05	6.85E-03	1.83E-03	0.02	9.21E-04	0.02	0.18	1.04E-03	7.38E-03	2.40E-03	8.43E-03	3.84E-03	0.12	0.54	0.03	3.16E-06	0.11	1.07E-05	3.21E-06	6.33E-06	2.15E-03	1.55E-04	8.31E-06		
189	Secondary School K	673235.3	4860885.0	2.09E-05	6.86E-03	1.85E-03	0.02	9.82E-04	0.02	0.18	1.05E-03	7.38E-03	2.55E-03	8.50E-03	3.85E-03	0.12	0.55	0.03	3.37E-06	0.11	1.14E-05	3.42E-06	6.74E-06	2.15E-03	1.55E-04	8.85E-06		
190	Secondary School L	684252.7	4866500.5	3.07E-05	6.93E-03	2.03E-03	0.02	1.44E-03	0.02	0.18	1.15E-03	7.39E-03	3.74E-03	9.04E-03	3.88E-03	0.12	0.56	0.03	4.94E-06	0.11	1.67E-05	5.02E-06	9.89E-06	2.15E-03	1.57E-04	1.30E-05		
191	Secondary School M	673914.1	4859551.7	3.02E-05	6.93E-03	2.02E-03	0.02	1.42E-03	0.02	0.18	1.15E-03	7.39E-03	3.69E-03	9.01E-03	3.88E-03	0.12	0.56	0.03	4.87E-06	0.11	1.64E-05	4.94E-06	9.73E-06	2.15E-03	1.57E-04	1.28E-05		
192	Secondary School N	675051.5	4864177.2	2.55E-05	6.89E-03	1.93E-03	0.02	1.19E-03	0.02	0.18	1.10E-03	7.38E-03	3.11E-03	8.75E-03	3.87E-03	0.12	0.55	0.03	4.10E-06	0.11	1.38E-05	4.17E-06						

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
		(m)	(m)	2.99E-05	6.72E-03	1.47E-03	0.01	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		1.91E-04	4.82E-06	4.82E-06	0.11	1.63E-05	4.90E-06	9.64E-06	1.93E-05	4.82E-06	
213	Port Darlington 5	686406.8	4861448.7	3.02E-05	6.93E-03	2.02E-03	0.02	1.42E-03	0.02	0.18	1.15E-03	7.39E-03	3.68E-03	9.01E-03	3.88E-03	0.12	0.56	0.03	4.87E-06	0.11	1.64E-05	4.94E-06	9.73E-06	2.15E-03	1.57E-04	1.28E-05		
214	Port Darlington 6	686504.5	4861604.0	3.30E-05	6.95E-03	2.07E-03	0.02	1.55E-03	0.02	0.18	1.18E-03	7.40E-03	4.03E-03	9.16E-03	3.89E-03	0.12	0.56	0.03	5.32E-06	0.11	1.79E-05	5.40E-06	1.06E-05	2.15E-03	1.57E-04	1.40E-05		
215	Port Darlington 7	686703.0	4861789.3	3.97E-05	6.99E-03	2.19E-03	0.02	1.86E-03	0.02	0.18	1.25E-03	7.41E-03	4.84E-03	9.53E-03	3.92E-03	0.13	0.57	0.03	6.39E-06	0.11	2.16E-05	6.49E-06	1.28E-05	2.16E-03	1.59E-04	1.68E-05		
216	Port Darlington 8	686895.8	4861960.2	3.42E-05	6.96E-03	2.09E-03	0.02	1.60E-03	0.02	0.18	1.19E-03	7.40E-03	4.17E-03	9.23E-03	3.90E-03	0.12	0.56	0.03	5.50E-06	0.11	1.86E-05	5.59E-06	1.10E-05	2.16E-03	1.58E-04	1.45E-05		
217	Port Darlington 9	686867.4	4862119.7	2.57E-05	6.90E-03	1.94E-03	0.02	1.20E-03	0.02	0.18	1.10E-03	7.38E-03	3.13E-03	8.76E-03	3.87E-03	0.12	0.55	0.03	4.13E-06	0.11	1.39E-05	4.20E-06	8.26E-06	2.15E-03	1.56E-04	1.09E-05		
218	Port Darlington 10	687190.7	4862048.8	3.10E-05	6.93E-03	2.03E-03	0.02	1.45E-03	0.02	0.18	1.16E-03	7.39E-03	3.77E-03	9.05E-03	3.89E-03	0.12	0.56	0.03	4.98E-06	0.11	1.68E-05	5.06E-06	9.97E-06	2.15E-03	1.57E-04	1.31E-05		
219	Port Darlington 11	687524.4	4862126.8	2.96E-05	6.92E-03	2.01E-03	0.02	1.39E-03	0.02	0.18	1.14E-03	7.39E-03	3.61E-03	8.97E-03	3.88E-03	0.12	0.56	0.03	4.77E-06	0.11	1.61E-05	4.84E-06	9.53E-06	2.15E-03	1.57E-04	1.25E-05		
220	Campground 1	678646.3	4860337.7	8.85E-05	7.34E-03	3.07E-03	0.03	4.15E-03	0.04	0.19	1.76E-03	7.48E-03	0.01	0.01	4.09E-03	0.16	0.64	0.03	1.42E-05	0.11	4.81E-05	1.45E-05	2.85E-05	2.19E-03	1.66E-04	3.74E-05		
221	Campground 2	678410.2	4860148.6	8.50E-05	7.31E-03	3.01E-03	0.03	3.99E-03	0.03	0.19	1.72E-03	7.47E-03	0.01	0.01	4.08E-03	0.16	0.64	0.03	1.37E-05	0.11	4.62E-05	1.39E-05	2.74E-05	2.19E-03	1.66E-04	3.59E-05		
222	Campground 3	678651.0	4860054.4	1.03E-04	7.44E-03	3.33E-03	0.03	4.82E-03	0.04	0.19	1.91E-03	7.50E-03	0.01	0.01	4.15E-03	0.17	0.66	0.03	1.65E-05	0.11	5.58E-05	1.68E-05	3.31E-05	2.20E-03	1.69E-04	4.35E-05		
223	Campground 4	678725.9	4859860.7	9.72E-05	7.40E-03	3.23E-03	0.03	4.56E-03	0.04	0.19	1.85E-03	7.49E-03	0.01	0.01	4.13E-03	0.16	0.66	0.03	1.56E-05	0.11	5.28E-05	1.59E-05	3.13E-05	2.20E-03	1.68E-04	4.11E-05		
224	Campground 5	678511.1	4859808.6	9.44E-05	7.38E-03	3.18E-03	0.03	4.43E-03	0.04	0.19	1.82E-03	7.49E-03	0.01	0.01	4.12E-03	0.16	0.65	0.03	1.52E-05	0.11	5.13E-05	1.54E-05	3.04E-05	2.19E-03	1.67E-04	3.99E-05		
225	Campground 6	678869.5	4859696.0	7.51E-05	7.24E-03	2.83E-03	0.02	3.52E-03	0.03	0.19	1.62E-03	7.46E-03	9.15E-03	0.01	4.05E-03	0.15	0.62	0.03	1.21E-05	0.11	4.08E-05	1.23E-05	2.42E-05	2.18E-03	1.64E-04	3.18E-05		
226	Campground 7	678723.9	4860201.8	9.64E-05	7.39E-03	3.22E-03	0.03	4.52E-03	0.04	0.19	1.84E-03	7.49E-03	0.01	0.01	4.12E-03	0.16	0.65	0.03	1.55E-05	0.11	5.23E-05	1.58E-05	3.10E-05	2.20E-03	1.68E-04	4.07E-05		
227	Campground 8	678796.0	4860011.4	1.08E-04	7.47E-03	3.42E-03	0.03	5.04E-03	0.04	0.19	1.96E-03	7.51E-03	0.01	0.01	4.16E-03	0.17	0.67	0.03	1.73E-05	0.11	5.84E-05	1.76E-05	3.46E-05	2.20E-03	1.69E-04	4.55E-05		
228	Campground 9	678852.7	4859854.2	8.43E-05	7.31E-03	3.00E-03	0.03	3.95E-03	0.03	0.19	1.72E-03	7.47E-03	0.01	0.01	4.08E-03	0.16	0.64	0.03	1.36E-05	0.11	4.58E-05	1.38E-05	2.71E-05	2.19E-03	1.66E-04	3.26E-05		
229	Solina 1	681099.6	4861677.2	1.24E-04	7.59E-03	3.72E-03	0.03	5.83E-03	0.04	0.19	2.13E-03	7.53E-03	0.02	0.01	4.22E-03	0.18	0.69	0.03	2.00E-05	0.11	6.75E-05	2.03E-05	4.00E-05	2.19E-03	1.72E-04	5.62E-05		
230	Solina 2	681115.7	4861857.7	9.56E-05	7.39E-03	3.20E-03	0.03	4.48E-03	0.04	0.19	1.83E-03	7.49E-03	0.01	0.01	4.12E-03	0.16	0.65	0.03	1.54E-05	0.11	5.19E-05	1.56E-05	3.08E-05	2.20E-03	1.68E-04	4.04E-05		
231	Solina 3	680987.4	4861983.5	8.30E-05	7.30E-03	2.97E-03	0.03	3.89E-03	0.03	0.19	1.70E-03	7.47E-03	0.01	0.01	4.07E-03	0.16	0.63	0.03	1.34E-05	0.11	4.51E-05	1.36E-05	2.67E-05	2.19E-03	1.65E-04	3.51E-05		
232	Solina 4	680965.0	4862068.1	7.78E-05	7.26E-03	2.88E-03	0.02	3.65E-03	0.03	0.19	1.65E-03	7.46E-03	9.48E-03	0.01	4.06E-03	0.15	0.63	0.03	1.25E-05	0.11	4.23E-05	1.27E-05	2.50E-05	2.18E-03	1.65E-04	3.29E-05		
233	Solina 5	681021.5	4862086.7	8.13E-05	7.29E-03	2.94E-03	0.02	3.81E-03	0.03	0.19	1.68E-03	7.47E-03	9.90E-03	0.01	4.07E-03	0.15	0.63	0.03	1.31E-05	0.11	4.41E-05	1.33E-05	2.62E-05	2.19E-03	1.65E-04	3.44E-05		
234	Solina 6	680939.8	4862124.3	8.23E-05	7.29E-03	2.96E-03	0.02	3.86E-03	0.03	0.19	1.69E-03	7.47E-03	0.01	0.01	4.07E-03	0.15	0.63	0.03	1.32E-05	0.11	4.47E-05	1.35E-05	2.65E-05	2.19E-03	1.65E-04	3.48E-05		
235	Solina 7	680988.2	4862183.6	7.75E-05	7.26E-03	2.87E-03	0.02	3.63E-03	0.03	0.19	1.64E-03	7.46E-03	9.44E-03	0.01	4.05E-03	0.15	0.63	0.03	1.25E-05	0.11	4.21E-05	1.27E-05	2.49E-05	2.18E-03	1.65E-04	3.28E-05		
236	Solina 8	680984.6	4862209.8	7.81E-05	7.26E-03	2.88E-03	0.02	3.66E-03	0.03	0.19	1.65E-03	7.46E-03	9.52E-03	0.01	4.06E-03	0.15	0.63	0.03	1.26E-05	0.11	4.24E-05	1.28E-05	2.51E-05	2.18E-03	1.65E-04	3.30E-05		
237	Solina 9	680958.6	4862294.9	7.80E-05	7.26E-03	2.88E-03	0.02	3.66E-03	0.03	0.19	1.65E-03	7.46E-03	9.51E-03	0.01	4.06E-03	0.15	0.63	0.03	1.26E-05	0.11	4.24E-05	1.28E-05	2.51E-05	2.18E-03	1.65E-04	3.30E-05		
238	Solina 10	680858.0	4862324.3	7.29E-05	7.23E-03	2.79E-03	0.02	3.42E-03	0.03	0.19	1.60E-03	7.46E-03	8.88E-03	0.01	4.04E-03	0.15	0.62	0.03	1.17E-05	0.11	3.96E-05	1.19E-05	2.35E-05	2.18E-03	1.64E-04	3.08E-05		
239	Solina 11	680990.3	4862403.5	7.79E-05	7.26E-03	2.88E-03	0.02	3.65E-03	0.03	0.19	1.65E-03	7.46E-03	9.49E-03	0.01	4.06E-03	0.15	0.63	0.03	1.25E-05	0.11	4.23E-05	1.27E-05	2.51E-05	2.18E-03	1.65E-04	3.29E-05		
240	Recreational 1	681545.0	4860865.0	1.18E-04	7.54E-03	3.60E-03	0.03	5.52E-03	0.04	0.19	2.07E-03	7.52E-03	0.01	0.01	4.20E-03	0.18	0.68	0.03	1.89E-05	0.11	6.39E-05	1.93E-05	3.79E-05	2.21E-03	1.71E-04	4.98E-05		
241	Recreational 2	681563.7	4860687.4	2.05E-04	8.16E-03	5.18E-03	0.04	9.61E-03	0.07	0.20	2.98E-03	7.65E-03	0.02	0.02	4.52E-03	0.23	0.81	0.03	3.30E-05	0.11	1.11E-04	3.35E-05	6.60E-05	2.27E-03	1.85E-04	8.66E-05		
242	Recreational 3	681579.7	4860610.0	1.33E-04	8.35E-03	5.69E-03	0.05	0.01	0.07	0.21	3.27E-03	7.70E-03	0.03	0.02	4.62E-03	0.25	0.85	0.03	3.75E-05	0.11	1.27E-04	3.81E-05	7.50E-05	2.28E-03	1.90E-04	9.85E-05		
243	Recreational 6	681876.6	4860254.4	2.54E-04	8.70E-03	4.25E-03	0.04	7.21E-03	0.05	0.20	2.44E-03	7.58E-03	0.02	0.02	4.33E-03	0.20	0.74	0.03	2.47E-05	0.11	8.35E-05	2.51E-05	4.95E-05	2.23E-03	1.77E-04	6.50E-05		
244	Recreational 7	682166.9	4860324.4	1.17E-04	7.54E-03	3.59E-03	0.03	5.48E-03	0.04	0.19	2.06E-03	7.52E-03	0.01	0.01	4.20E-03	0.18	0.68	0.03	1.88E-05	0.11	6.35E-05	1.91E-05	3.76E-05	2.21E-03	1.71E-04	4.94E-05		
245	Darlington 1	679565.4	4861052.9	1.87E-04	8.03E-03	4.86E-03	0.04	8.77E-03	0.06	0.20	2.79E-03	7.63E-03	0.02	0.02	4.45E-03	0.22	0.78	0.03	3.01E-05	0.11	1.02E-04	3.06E-05	6.02E-05	2.25E-03	1.82E-04	7.91E-05		
246	Darlington 2	679452.9	4861051.4	1.59E-04	7.83E-03	4.35E-03	0.04	7.45E-03	0.05	0.20	2.50E-03	7.58E-03	0.02	0.02	4.35E-03	0.20	0.74	0.03	2.56E-05	0.11	8.63E-05	2.60E-05	5.12E-05	2.24E-03	1.78E-04	6.72E-05		
247	Darlington 3	679130.5	4860948.8	1.22E-04	7.57E-03	3.67E-03	0.03	5.70E-03	0.04	0.19	2.11E-03	7.53E-03	0.01	0.01	4.21E-03	0.18	0.69	0.03	1.96E-05	0.11	6.61E-05	1.99E-05	3.92E-05	2.21E-03	1.72E-04	5.14E-05		
248	Darlington 4	679112.6	4860941.9	1.24E-04	7.58E-03	3.71E-03	0.03	5.79E-03	0.04	0.19	2.13E-03	7.53E-03	0.02	0.01	4.22E-03	0.18	0.69	0.03	1.99E-05	0.11	6.72E-05	2.02E-05	3.98E-05	2.21E-03	1.72E-04	5.23E-05		
249	Darlington 5	679057.6	4860994.1	1.16E-04	7.53E-03	3.58E-03	0.03	5.46E-																				



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
		(m)	(m)	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		1.91E-04	4.82E-06	4.82E-06	1.63E-05	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05	
266	Future Industrial 8	680398.0	4860731.8	2.41E-04	8.41E-03	5.84E-03	0.05	0.01	0.08	0.21	3.36E-03	7.71E-03	0.03	0.02	4.65E-03	0.25	0.86	0.03	3.89E-05	0.11	1.31E-04	3.95E-05	7.77E-05	2.29E-03	1.91E-04	1.02E-04		
267	Future Industrial 1	680359.6	4859959.2	1.60E-04	7.84E-03	4.37E-03	0.04	7.51E-03	0.05	0.20	2.51E-03	7.59E-03	0.02	0.02	4.36E-03	0.20	0.75	0.03	2.58E-05	0.11	8.71E-05	2.62E-05	5.16E-05	2.24E-03	1.78E-04	6.78E-05		
268	Future Industrial 2	680083.7	4859985.7	1.65E-04	7.87E-03	4.45E-03	0.04	7.71E-03	0.06	0.20	2.56E-03	7.59E-03	0.02	0.02	4.37E-03	0.21	0.75	0.03	2.65E-05	0.11	8.94E-05	2.69E-05	5.30E-05	2.24E-03	1.79E-04	6.95E-05		
269	Future Industrial 3	680819.9	4860705.3	2.11E-04	8.20E-03	5.29E-03	0.05	9.90E-03	0.07	0.21	3.04E-03	7.66E-03	0.03	0.02	4.54E-03	0.23	0.82	0.03	3.40E-05	0.11	1.15E-04	3.45E-05	6.79E-05	2.27E-03	1.86E-04	8.92E-05		
270	Future Industrial 4	681070.0	4859937.2	1.23E-04	7.58E-03	3.70E-03	0.03	5.78E-03	0.04	0.19	2.12E-03	7.53E-03	0.02	0.01	4.22E-03	0.18	0.69	0.03	1.99E-05	0.11	6.70E-05	2.02E-05	3.97E-05	2.21E-03	1.72E-04	5.22E-05		
271	Future Industrial 5	679898.8	4860067.4	1.72E-04	7.93E-03	4.59E-03	0.04	8.07E-03	0.06	0.20	2.64E-03	7.60E-03	0.02	0.02	4.40E-03	0.21	0.76	0.03	2.77E-05	0.11	9.35E-05	2.81E-05	5.54E-05	2.24E-03	1.80E-04	7.28E-05		
272	Future Industrial 6	680134.8	4860694.1	1.99E-04	8.12E-03	5.08E-03	0.04	9.34E-03	0.07	0.20	2.92E-03	7.64E-03	0.02	0.02	4.50E-03	0.23	0.80	0.03	3.21E-05	0.11	1.08E-04	3.26E-05	6.41E-05	2.26E-03	1.84E-04	8.42E-05		
273	Future Industrial 11	680253.7	4860255.2	2.75E-04	8.65E-03	6.45E-03	0.06	0.01	0.09	0.21	3.71E-03	7.76E-03	0.03	0.02	4.77E-03	0.27	0.91	0.03	4.42E-05	0.11	1.49E-04	4.49E-05	8.85E-05	2.31E-03	1.96E-04	1.16E-04		
274	Future Industrial 12	679901.2	4860511.8	1.64E-04	7.87E-03	4.43E-03	0.04	7.66E-03	0.06	0.20	2.54E-03	7.59E-03	0.02	0.02	4.37E-03	0.21	0.75	0.03	2.63E-05	0.11	8.88E-05	2.67E-05	5.26E-05	2.24E-03	1.78E-04	6.91E-05		
275	Commercial Farmer	679867.8	4860445.4	2.02E-04	8.13E-03	5.12E-03	0.04	9.46E-03	0.07	0.20	2.95E-03	7.65E-03	0.02	0.02	4.51E-03	0.23	0.81	0.03	3.25E-05	0.11	1.10E-04	3.30E-05	6.49E-05	2.26E-03	1.85E-04	8.53E-05		
276	Farmer	679277.0	4859981.5	1.05E-04	7.45E-03	3.37E-03	0.03	4.92E-03	0.04	0.19	1.93E-03	7.50E-03	0.01	0.01	4.15E-03	0.17	0.67	0.03	1.69E-05	0.11	5.70E-05	1.72E-05	3.38E-05	2.20E-03	1.69E-04	4.44E-05		
277	Residence	679387.2	4860648.9	1.07E-04	7.47E-03	3.41E-03	0.03	5.02E-03	0.04	0.19	1.95E-03	7.51E-03	0.01	0.01	4.16E-03	0.17	0.67	0.03	1.72E-05	0.11	5.82E-05	1.75E-05	3.45E-05	2.20E-03	1.69E-04	4.53E-05		
278	Barn	679261.9	4860574.2	8.87E-05	7.34E-03	3.08E-03	0.03	4.16E-03	0.04	0.19	1.76E-03	7.48E-03	0.01	0.01	4.10E-03	0.16	0.64	0.03	1.43E-05	0.11	4.82E-05	1.45E-05	2.86E-05	2.19E-03	1.66E-04	3.75E-05		
279	Residence	680150.7	4861295.7	1.42E-04	7.72E-03	4.05E-03	0.03	6.67E-03	0.05	0.20	2.32E-03	7.56E-03	0.02	0.02	4.29E-03	0.19	0.72	0.03	2.29E-05	0.11	7.73E-05	2.33E-05	4.58E-05	2.23E-03	1.75E-04	6.02E-05		
280	Residence	679939.8	4861213.4	1.18E-04	7.54E-03	3.60E-03	0.03	5.52E-03	0.04	0.19	2.07E-03	7.52E-03	0.01	0.01	4.20E-03	0.18	0.68	0.03	1.90E-05	0.11	6.40E-05	1.93E-05	3.79E-05	2.21E-03	1.71E-04	4.98E-05		
281	Farmer	680855.7	4861456.9	1.57E-04	7.82E-03	4.31E-03	0.04	7.36E-03	0.05	0.20	2.48E-03	7.58E-03	0.02	0.02	4.34E-03	0.20	0.74	0.03	2.53E-05	0.11	8.53E-05	2.57E-05	5.05E-05	2.23E-03	1.77E-04	6.64E-05		
282	Farmer	681386.2	4861673.3	1.26E-04	7.60E-03	3.75E-03	0.03	5.90E-03	0.05	0.19	2.15E-03	7.53E-03	0.02	0.01	4.23E-03	0.18	0.70	0.03	2.02E-05	0.11	6.83E-05	2.06E-05	4.05E-05	2.21E-03	1.72E-04	5.32E-05		
283	Residence	680683.5	4861597.9	1.13E-04	7.51E-03	3.51E-03	0.03	5.28E-03	0.04	0.19	2.01E-03	7.51E-03	0.01	0.01	4.18E-03	0.17	0.68	0.03	1.81E-05	0.11	6.12E-05	1.84E-05	3.63E-05	2.21E-03	1.70E-04	4.77E-05		
284	Business	680064.3	4861343.7	1.26E-04	7.60E-03	3.75E-03	0.03	5.91E-03	0.05	0.19	2.15E-03	7.53E-03	0.02	0.01	4.23E-03	0.18	0.70	0.03	2.03E-05	0.11	6.84E-05	2.06E-05	4.06E-05	2.21E-03	1.72E-04	5.33E-05		
285	Farmer	679680.1	4861213.5	1.35E-04	7.66E-03	3.91E-03	0.03	6.32E-03	0.05	0.19	2.24E-03	7.55E-03	0.02	0.01	4.26E-03	0.19	0.71	0.03	2.17E-05	0.11	7.33E-05	2.21E-05	4.34E-05	2.22E-03	1.74E-04	5.70E-05		
286	Farmer	681344.8	4861792.9	8.79E-05	7.33E-03	3.06E-03	0.03	4.12E-03	0.03	0.19	1.75E-03	7.48E-03	0.01	0.01	4.09E-03	0.16	0.64	0.03	1.41E-05	0.11	4.77E-05	1.44E-05	2.83E-05	2.19E-03	1.66E-04	3.71E-05		
287	Youth Centre	685644.2	4864814.8	2.63E-05	6.90E-03	1.95E-03	0.02	1.23E-03	0.02	0.18	1.11E-03	7.39E-03	3.20E-03	8.79E-03	3.87E-03	0.12	0.55	0.03	4.23E-06	0.11	1.43E-05	4.30E-06	8.46E-06	2.15E-03	1.56E-04	1.11E-05		
288	Bowmanville Arena	685462.9	4864615.2	3.02E-05	6.93E-03	2.02E-03	0.02	1.42E-03	0.02	0.18	1.15E-03	7.39E-03	3.68E-03	9.01E-03	3.88E-03	0.12	0.56	0.03	4.86E-06	0.11	1.64E-05	4.94E-06	9.72E-06	2.15E-03	1.57E-04	1.28E-05		
289	Bowmanville Rec Complex	684160.3	4864604.5	3.32E-05	6.95E-03	2.07E-03	0.02	1.56E-03	0.02	0.18	1.18E-03	7.40E-03	4.05E-03	9.17E-03	3.89E-03	0.12	0.56	0.03	5.35E-06	0.11	1.80E-05	5.43E-06	1.07E-05	2.15E-03	1.57E-04	1.40E-05		
290	Recreation Complex	684586.6	4862406.3	3.77E-05	6.98E-03	2.15E-03	0.02	1.77E-03	0.02	0.18	1.23E-03	7.40E-03	4.59E-03	9.42E-03	3.91E-03	0.13	0.57	0.03	6.06E-06	0.11	2.05E-05	6.16E-06	1.21E-05	2.16E-03	1.58E-04	1.59E-05		
291	Superdog Central	681487.7	4865723.3	2.65E-05	6.90E-03	1.95E-03	0.02	1.24E-03	0.02	0.18	1.11E-03	7.39E-03	3.23E-03	8.80E-03	3.87E-03	0.12	0.55	0.03	4.26E-06	0.11	1.44E-05	4.33E-06	8.53E-06	2.15E-03	1.56E-04	1.12E-05		
292	Equestrian Centre	681567.1	4863670.7	7.93E-05	7.27E-03	2.91E-03	0.02	3.72E-03	0.03	0.19	1.66E-03	7.46E-03	9.67E-03	0.01	4.06E-03	0.15	0.63	0.03	1.28E-05	0.11	4.31E-05	1.30E-05	2.55E-05	2.18E-03	1.65E-04	3.35E-05		
293	Flea Market	678574.6	4862819.4	6.26E-05	7.16E-03	2.60E-03	0.02	2.94E-03	0.03	0.18	1.49E-03	7.44E-03	7.63E-03	0.01	4.00E-03	0.14	0.61	0.03	1.01E-05	0.11	3.40E-05	1.02E-05	2.02E-05	2.17E-03	1.62E-04	2.65E-05		
294	Equestrian Centre	680030.8	4867320.2	2.02E-05	6.86E-03	1.84E-03	0.02	9.49E-04	0.02	0.18	1.04E-03	7.38E-03	2.47E-03	8.46E-03	3.85E-03	0.12	0.54	0.03	3.26E-06	0.11	1.10E-05	3.31E-06	6.51E-06	2.15E-03	1.55E-04	8.55E-06		
295	Courtice Community Complex	678099.3	4864629.8	3.78E-05	6.98E-03	2.16E-03	0.02	1.77E-03	0.02	0.18	1.23E-03	7.40E-03	4.61E-03	9.43E-03	3.91E-03	0.13	0.57	0.03	6.09E-06	0.11	2.06E-05	6.19E-06	1.22E-05	2.16E-03	1.58E-04	1.60E-05		
296	Former Restaurant	679830.2	4860702.2	1.11E-04	7.49E-03	3.47E-03	0.03	5.19E-03	0.04	0.19	1.99E-03	7.51E-03	0.01	0.01	4.17E-03	0.17	0.67	0.03	1.78E-05	0.11	6.01E-05	1.81E-05	3.56E-05	2.20E-03	1.70E-04	4.68E-05		
297	Commercial	679364.8	4861016.0	1.27E-04	7.61E-03	3.77E-03	0.03	5.95E-03	0.05	0.19	2.16E-03	7.54E-03	0.02	0.01	4.23E-03	0.18	0.70	0.03	2.04E-05	0.11	6.89E-05	2.08E-05	4.08E-05	2.22E-03	1.73E-04	5.36E-05		
298	GM Oshawa Headquarters	676418.3	4860463.7	5.96E-05	7.13E-03	2.55E-03	0.02	2.80E-03	0.03	0.18	1.46E-03	7.44E-03	7.27E-03	0.01	3.99E-03	0.14	0.60	0.03	9.60E-06	0.11	3.24E-05	9.75E-06	1.92E-05	2.17E-03	1.62E-04	2.52E-05		
299	Farm A?	682972.3	4862201.9	6.62E-05	7.18E-03	2.67E-03	0.02	3.10E-03	0.03	0.1																		

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
																			(m)	(m)	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	
319	Soper 7	685683.2	4867148.1	3.21E-05	6.94E-03	2.05E-03	0.02	1.51E-03	0.02	0.18	1.17E-03	7.39E-03	3.92E-03	9.11E-03	3.89E-03	0.12	0.56	0.03	5.17E-06	0.11	1.75E-05	5.25E-06	1.03E-05	2.15E-03	1.57E-04	1.36E-05		
320	Soper 8	686748.7	4865874.7	1.63E-05	6.83E-03	1.77E-03	0.01	7.66E-04	0.02	0.18	1.00E-03	7.37E-03	1.99E-03	8.24E-03	3.83E-03	0.11	0.54	0.03	2.63E-06	0.11	8.88E-06	2.67E-06	5.26E-06	2.14E-03	1.55E-04	6.91E-06		
321	Bowmanville 1	687026.3	4862368.4	2.54E-05	6.89E-03	1.93E-03	0.02	1.19E-03	0.02	0.18	1.10E-03	7.38E-03	3.09E-03	8.74E-03	3.86E-03	0.12	0.55	0.03	4.08E-06	0.11	1.38E-05	4.15E-06	8.16E-06	2.15E-03	1.56E-04	1.07E-05		
322	Bowmanville 2	686625.7	4863020.3	3.78E-05	6.98E-03	2.16E-03	0.02	1.77E-03	0.02	0.18	1.23E-03	7.40E-03	4.61E-03	9.43E-03	3.91E-03	0.13	0.57	0.03	6.09E-06	0.11	2.06E-05	6.19E-06	1.22E-05	2.16E-03	1.58E-04	1.60E-05		
323	Bowmanville 3	683380.3	4865365.9	4.48E-05	7.03E-03	2.28E-03	0.02	2.10E-03	0.02	0.18	1.30E-03	7.41E-03	5.46E-03	9.81E-03	3.94E-03	0.13	0.58	0.03	7.22E-06	0.11	2.44E-05	7.33E-06	1.44E-05	2.16E-03	1.59E-04	1.90E-05		
324	Bowmanville 4	683111.4	4867150.3	2.68E-05	6.90E-03	1.96E-03	0.02	1.26E-03	0.02	0.18	1.11E-03	7.39E-03	3.27E-03	8.82E-03	3.87E-03	0.12	0.55	0.03	4.31E-06	0.11	1.46E-05	4.38E-06	8.63E-06	2.15E-03	1.56E-04	1.13E-05		
325	Bowmanville 5	682452.2	4869417.5	1.75E-05	6.84E-03	1.79E-03	0.01	8.21E-04	0.02	0.18	1.02E-03	7.37E-03	2.14E-03	8.31E-03	3.84E-03	0.11	0.54	0.03	2.82E-06	0.11	9.52E-06	2.86E-06	5.64E-06	2.14E-03	1.55E-04	7.41E-06		
326	Bowmanville 6	684778.5	4864888.2	3.00E-05	6.93E-03	2.01E-03	0.02	1.40E-03	0.02	0.18	1.15E-03	7.39E-03	3.65E-03	8.99E-03	3.88E-03	0.12	0.56	0.03	4.82E-06	0.11	1.63E-05	4.90E-06	9.64E-06	2.15E-03	1.57E-04	1.27E-05		
327	Bowmanville 7	684549.5	4866404.4	2.71E-05	6.91E-03	1.96E-03	0.02	1.27E-03	0.02	0.18	1.12E-03	7.39E-03	3.31E-03	8.84E-03	3.87E-03	0.12	0.55	0.03	4.37E-06	0.11	1.47E-05	4.44E-06	8.73E-06	2.15E-03	1.56E-04	1.15E-05		
328	Upper Tooley 1	679944.8	4864883.1	3.07E-05	6.93E-03	2.03E-03	0.02	1.44E-03	0.02	0.18	1.15E-03	7.39E-03	3.74E-03	9.03E-03	3.88E-03	0.12	0.56	0.03	4.93E-06	0.11	1.67E-05	5.01E-06	9.87E-06	2.15E-03	1.57E-04	1.30E-05		
329	Upper Tooley 2	679055.1	4863885.8	9.90E-05	7.41E-03	3.26E-03	0.03	4.64E-03	0.04	0.19	1.87E-03	7.49E-03	0.01	0.01	4.13E-03	0.17	0.66	0.03	1.59E-05	0.11	5.38E-05	1.62E-05	3.19E-05	2.20E-03	1.68E-04	4.18E-05		
330	Upper Tooley 3	679714.0	4862767.4	4.88E-05	7.06E-03	2.35E-03	0.02	2.29E-03	0.02	0.18	1.34E-03	7.42E-03	5.95E-03	0.01	3.95E-03	0.13	0.59	0.03	7.86E-06	0.11	2.65E-05	7.98E-06	1.57E-05	2.16E-03	1.60E-04	2.06E-05		
331	Upper Tooley 4	678898.8	4861800.6	9.74E-05	7.40E-03	3.23E-03	0.03	4.57E-03	0.04	0.19	1.85E-03	7.49E-03	0.01	0.01	4.13E-03	0.16	0.66	0.03	1.57E-05	0.11	5.29E-05	1.59E-05	3.13E-05	2.20E-03	1.68E-04	4.12E-05		
332	Upper Tooley 5	680353.5	4862156.5	1.19E-04	7.55E-03	3.62E-03	0.03	5.58E-03	0.04	0.19	2.08E-03	7.52E-03	0.01	0.01	4.20E-03	0.18	0.69	0.03	1.91E-05	0.11	6.46E-05	1.94E-05	3.83E-05	2.21E-03	1.71E-04	5.03E-05		
333	Upper Tooley 6	679818.1	4861625.7	9.41E-05	7.38E-03	3.17E-03	0.03	4.41E-03	0.04	0.19	1.82E-03	7.49E-03	0.01	0.01	4.11E-03	0.16	0.65	0.03	1.51E-05	0.11	5.11E-05	1.54E-05	3.03E-05	2.19E-03	1.67E-04	3.98E-05		
334	Robinson 1	678434.8	4860943.1	1.04E-04	7.45E-03	3.36E-03	0.03	4.89E-03	0.04	0.19	1.93E-03	7.50E-03	0.01	0.01	4.15E-03	0.17	0.67	0.03	1.68E-05	0.11	5.67E-05	1.71E-05	3.36E-05	2.20E-03	1.69E-04	4.41E-05		
335	Robinson 2	677752.6	4861240.6	8.91E-05	7.34E-03	3.08E-03	0.03	4.17E-03	0.04	0.19	1.77E-03	7.48E-03	0.01	0.01	4.10E-03	0.16	0.64	0.03	1.43E-05	0.11	4.84E-05	1.46E-05	2.87E-05	2.19E-03	1.66E-04	3.77E-05		
336	Robinson 3	677642.2	4861787.2	6.15E-05	7.15E-03	2.58E-03	0.02	2.88E-03	0.03	0.18	1.48E-03	7.44E-03	7.49E-03	0.01	4.00E-03	0.14	0.60	0.03	9.89E-06	0.11	3.34E-05	1.01E-05	1.98E-05	2.17E-03	1.62E-04	2.60E-05		
337	Robinson 4	678532.7	4862143.6	9.00E-05	7.35E-03	3.10E-03	0.03	4.22E-03	0.04	0.19	1.78E-03	7.48E-03	0.01	0.01	4.10E-03	0.16	0.64	0.03	1.45E-05	0.11	4.89E-05	1.47E-05	2.90E-05	2.19E-03	1.67E-04	3.81E-05		
338	Robinson 5	678005.1	4862784.9	5.44E-05	7.10E-03	2.46E-03	0.02	2.55E-03	0.03	0.18	1.40E-03	7.43E-03	6.63E-03	0.01	3.97E-03	0.14	0.59	0.03	8.75E-06	0.11	2.95E-05	8.89E-06	1.75E-05	2.17E-03	1.61E-04	2.30E-05		
339	Robinson 6	677882.7	4860587.7	7.94E-05	7.27E-03	2.91E-03	0.02	3.72E-03	0.03	0.19	1.66E-03	7.46E-03	9.68E-03	0.01	4.06E-03	0.15	0.63	0.03	1.28E-05	0.11	4.32E-05	1.30E-05	2.56E-05	2.18E-03	1.65E-04	3.36E-05		
340	F/B 1	677443.1	4867862.1	2.83E-05	6.91E-03	1.98E-03	0.02	1.33E-03	0.02	0.18	1.13E-03	7.39E-03	3.45E-03	8.90E-03	3.88E-03	0.12	0.56	0.03	4.56E-06	0.11	1.54E-05	4.63E-06	9.11E-06	2.15E-03	1.57E-04	1.20E-05		
341	F/B 2	679667.4	4866611.4	2.86E-05	6.92E-03	1.99E-03	0.02	1.34E-03	0.02	0.18	1.13E-03	7.39E-03	3.48E-03	8.92E-03	3.88E-03	0.12	0.56	0.03	4.60E-06	0.11	1.55E-05	4.67E-06	9.19E-06	2.15E-03	1.57E-04	1.21E-05		
342	F/B 3	678655.0	4867470.1	1.97E-05	6.85E-03	1.83E-03	0.02	9.22E-04	0.02	0.18	1.04E-03	7.38E-03	2.40E-03	8.43E-03	3.84E-03	0.12	0.54	0.03	3.17E-06	0.11	1.07E-05	3.22E-06	6.33E-06	2.15E-03	1.55E-04	8.32E-06		
343	F/B 4	676191.2	4866844.7	1.80E-05	6.84E-03	1.80E-03	0.01	8.46E-04	0.02	0.18	1.02E-03	7.37E-03	2.20E-03	8.34E-03	3.84E-03	0.11	0.54	0.03	2.90E-06	0.11	9.80E-06	2.95E-06	5.81E-06	2.15E-03	1.55E-04	7.63E-06		
344	F/B 5	678273.3	4866093.0	3.40E-05	6.95E-03	2.09E-03	0.02	1.59E-03	0.02	0.18	1.19E-03	7.40E-03	4.14E-03	9.22E-03	3.90E-03	0.12	0.56	0.03	5.47E-06	0.11	1.85E-05	5.56E-06	1.09E-05	2.16E-03	1.58E-04	1.44E-05		
345	F/B 6	681241.2	4867098.8	2.46E-05	6.89E-03	1.92E-03	0.02	1.15E-03	0.02	0.18	1.09E-03	7.38E-03	3.00E-03	8.70E-03	3.86E-03	0.12	0.55	0.03	3.96E-06	0.11	1.34E-05	4.02E-06	7.91E-06	2.15E-03	1.56E-04	1.04E-05		
346	F/B 7	682165.3	4868082.3	1.97E-05	6.85E-03	1.83E-03	0.02	9.21E-04	0.02	0.18	1.04E-03	7.38E-03	2.40E-03	8.43E-03	3.84E-03	0.12	0.54	0.03	3.16E-06	0.11	1.07E-05	3.21E-06	6.33E-06	2.15E-03	1.55E-04	8.31E-06		
347	F/B 8	679366.6	4868628.3	2.26E-05	6.87E-03	1.88E-03	0.02	1.06E-03	0.02	0.18	1.07E-03	7.38E-03	2.75E-03	8.59E-03	3.85E-03	0.12	0.55	0.03	3.63E-06	0.11	1.23E-05	3.69E-06	7.26E-06	2.15E-03	1.56E-04	9.54E-06		
348	F/B 9	680310.1	4869967.1	1.91E-05	6.85E-03	1.82E-03	0.02	8.93E-04	0.02	0.18	1.03E-03	7.37E-03	2.32E-03	8.39E-03	3.84E-03	0.12	0.54	0.03	3.07E-06	0.11	1.04E-05	3.12E-06	6.13E-06	2.15E-03	1.55E-04	8.06E-06		
349	F/B 10	676487.3	4869291.6	1.88E-05	6.85E-03	1.81E-03	0.02	8.79E-04	0.02	0.18	1.03E-03	7.37E-03	2.29E-03	8.38E-03	3.84E-03	0.11	0.54	0.03	3.02E-06	0.11	1.02E-05	3.07E-06	6.04E-06	2.15E-03	1.55E-04	7.93E-06		
350	F/B 11	676851.4	4865409.3	2.47E-05	6.89E-03	1.92E-03	0.02	1.16E-03	0.02	0.18	1.09E-03	7.38E-03	3.01E-03	8.70E-03	3.86E-03	0.12	0.55	0.03	3.97E-06	0.11	1.34E-05	4.03E-06	7.94E-06	2.15E-03	1.56E-04	1.04E-05		
351	F/B 12	681153.3	4868682.2	1.93E-05	6.85E-03	1.82E-03	0.02	9.06E-04	0.02	0.18	1.03E-03	7.37E-03	2.35E-03	8.41E-03	3.84E-03	0.12	0.54	0.03	3.11E-06	0.11								

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter
		(m)	(m)	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		1.91E-04	4.82E-06	4.82E-06	1.63E-05	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05	
372	Westside 1	686082.6	4862776.6	4.64E-05	7.04E-03	2.31E-03	0.02	2.17E-03	0.02	0.18	1.32E-03	7.42E-03	5.65E-03	9.90E-03	3.94E-03	0.13	0.58	0.03	7.47E-06	0.11	2.52E-05	7.59E-06	1.49E-05	2.16E-03	1.60E-04	1.96E-05		
373	Westside 2	685778.7	4862137.9	3.85E-05	6.99E-03	2.17E-03	0.02	1.80E-03	0.02	0.18	1.24E-03	7.40E-03	4.69E-03	9.46E-03	3.91E-03	0.13	0.57	0.03	6.19E-06	0.11	2.09E-05	6.29E-06	1.24E-05	2.16E-03	1.58E-04	1.63E-05		
374	Westside 3	685084.2	4862827.4	4.08E-05	7.00E-03	2.21E-03	0.02	1.91E-03	0.02	0.18	1.26E-03	7.41E-03	4.97E-03	9.59E-03	3.92E-03	0.13	0.57	0.03	6.56E-06	0.11	2.22E-05	6.67E-06	1.31E-05	2.16E-03	1.59E-04	1.72E-05		
375	Darlington 1	680977.5	4865674.4	3.49E-05	6.96E-03	2.10E-03	0.02	1.64E-03	0.02	0.18	1.20E-03	7.40E-03	4.25E-03	9.26E-03	3.90E-03	0.13	0.57	0.03	5.61E-06	0.11	1.89E-05	5.70E-06	1.12E-05	2.16E-03	1.58E-04	1.47E-05		
376	Darlington 2	680913.9	4863967.1	5.70E-05	7.12E-03	2.50E-03	0.02	2.67E-03	0.03	0.18	1.43E-03	7.43E-03	6.95E-03	0.01	3.98E-03	0.14	0.60	0.03	9.18E-06	0.11	3.10E-05	9.33E-06	1.84E-05	2.17E-03	1.61E-04	2.41E-05		
377	Darlington 3	682602.8	4863659.6	6.00E-05	7.14E-03	2.56E-03	0.02	2.81E-03	0.03	0.18	1.46E-03	7.44E-03	7.31E-03	0.01	3.99E-03	0.14	0.60	0.03	9.65E-06	0.11	3.26E-05	9.80E-06	1.93E-05	2.17E-03	1.62E-04	2.53E-05		
378	Darlington 4	682206.4	4862910.4	6.15E-05	7.15E-03	2.58E-03	0.02	2.88E-03	0.03	0.18	1.48E-03	7.44E-03	7.49E-03	0.01	4.00E-03	0.14	0.60	0.03	9.89E-06	0.11	3.34E-05	1.01E-05	1.98E-05	2.17E-03	1.62E-04	2.60E-05		
379	Darlington 5	683223.2	4861114.0	4.79E-05	7.05E-03	2.34E-03	0.02	2.25E-03	0.02	0.18	1.33E-03	7.42E-03	5.84E-03	9.98E-03	3.95E-03	0.13	0.58	0.03	7.71E-06	0.11	2.60E-05	7.84E-06	1.54E-05	2.16E-03	1.60E-04	2.03E-05		
380	Darlington 6	683947.7	4862362.0	4.52E-05	7.03E-03	2.29E-03	0.02	2.12E-03	0.02	0.18	1.31E-03	7.41E-03	5.51E-03	9.83E-03	3.94E-03	0.13	0.58	0.03	7.27E-06	0.11	2.45E-05	7.39E-06	1.45E-05	2.16E-03	1.59E-04	1.91E-05		
381	Darlington 7	685361.9	4861143.4	4.11E-05	7.00E-03	2.22E-03	0.02	1.93E-03	0.02	0.18	1.26E-03	7.41E-03	5.01E-03	9.61E-03	3.92E-03	0.13	0.57	0.03	6.62E-06	0.11	2.23E-05	6.73E-06	1.32E-05	2.16E-03	1.59E-04	1.74E-05		
382	Bennett ECO/HH	688606.4	4862634.8	2.29E-05	6.88E-03	1.89E-03	0.02	1.07E-03	0.02	0.18	1.07E-03	7.38E-03	2.79E-03	8.61E-03	3.86E-03	0.12	0.55	0.03	3.69E-06	0.11	1.25E-05	3.75E-06	7.38E-06	2.15E-03	1.56E-04	9.69E-06		
383	Oshawa ECO/HH	673884.9	4859128.9	3.74E-05	6.98E-03	2.15E-03	0.02	1.75E-03	0.02	0.18	1.22E-03	7.40E-03	4.55E-03	9.40E-03	3.91E-03	0.13	0.57	0.03	6.01E-06	0.11	2.03E-05	6.11E-06	1.20E-05	2.16E-03	1.58E-04	1.58E-05		
384	Oshawa Creek 1	671671.2	4862793.7	2.18E-05	6.87E-03	1.87E-03	0.02	1.02E-03	0.02	0.18	1.06E-03	7.38E-03	2.66E-03	8.55E-03	3.85E-03	0.12	0.55	0.03	3.52E-06	0.11	1.19E-05	3.57E-06	7.03E-06	2.15E-03	1.56E-04	9.23E-06		
385	Oshawa Creek 2	671668.5	4861589.5	1.93E-05	6.85E-03	1.82E-03	0.02	9.04E-04	0.02	0.18	1.03E-03	7.37E-03	2.35E-03	8.41E-03	3.84E-03	0.12	0.54	0.03	3.10E-06	0.11	1.05E-05	3.15E-06	6.21E-06	2.15E-03	1.55E-04	8.15E-06		
386	Oshawa Creek 3	672820.2	4861287.2	2.04E-05	6.86E-03	1.84E-03	0.02	9.59E-04	0.02	0.18	1.05E-03	7.38E-03	2.49E-03	8.47E-03	3.85E-03	0.12	0.54	0.03	3.29E-06	0.11	1.11E-05	3.34E-06	6.58E-06	2.15E-03	1.55E-04	8.64E-06		
387	Oshawa Creek 4	672360.3	4860262.6	2.16E-05	6.87E-03	1.86E-03	0.02	1.01E-03	0.02	0.18	1.06E-03	7.38E-03	2.63E-03	8.53E-03	3.85E-03	0.12	0.55	0.03	3.48E-06	0.11	1.17E-05	3.53E-06	6.95E-06	2.15E-03	1.56E-04	9.13E-06		
388	Oshawa Creek 5	673921.2	4860115.0	2.75E-05	6.91E-03	1.97E-03	0.02	1.29E-03	0.02	0.18	1.12E-03	7.39E-03	3.35E-03	8.86E-03	3.87E-03	0.12	0.55	0.03	4.42E-06	0.11	1.49E-05	4.49E-06	8.84E-06	2.15E-03	1.57E-04	1.16E-05		
389	Oshawa Creek 6	673154.0	4859421.9	2.37E-05	6.88E-03	1.90E-03	0.02	1.11E-03	0.02	0.18	1.08E-03	7.38E-03	2.89E-03	8.65E-03	3.86E-03	0.12	0.55	0.03	3.81E-06	0.11	1.29E-05	3.87E-06	7.62E-06	2.15E-03	1.56E-04	1.00E-05		
390	Farmer	677409.8	4861051.4	8.37E-05	7.30E-03	2.99E-03	0.03	3.92E-03	0.03	0.19	1.71E-03	7.47E-03	0.01	0.01	4.08E-03	0.16	0.64	0.03	1.35E-05	0.11	4.55E-05	1.37E-05	2.69E-05	2.19E-03	1.66E-04	3.54E-05		
391	Commercial Market	688276.3	4864698.5	2.11E-05	6.86E-03	1.85E-03	0.02	9.87E-04	0.02	0.18	1.05E-03	7.38E-03	2.57E-03	8.50E-03	3.85E-03	0.12	0.55	0.03	3.39E-06	0.11	1.14E-05	3.44E-06	6.78E-06	2.15E-03	1.56E-04	8.90E-06		



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,h)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene
1	Campground 10	678526.8	4859996.8	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.28E-03	3.30E-04	2.36E-04	3.30E-04	8.65E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.01E-05	1.67E-04	3.30E-04	6.60E-03	3.20E-03
2	ECO 2	675490.4	4860360.1	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.82E-03	3.30E-04	2.35E-04	3.30E-04	4.51E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.26E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
3	Recreational 5	681642.0	4860349.3	7.62E-04	3.06E-03	3.99E-04	1.66E-04	3.47E-04	1.66E-04	3.48E-04	3.42E-04	1.99E-04	1.67E-04	3.35E-04	5.24E-03	3.30E-04	2.37E-04	3.30E-04	1.72E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	2.01E-05	1.70E-04	3.30E-04	6.60E-03	3.24E-03
4	ECO 4	676831.5	4859840.9	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.91E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.56E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
5	Bow. Valley Cons. 3	685767.2	4863879.0	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.47E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.88E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
6	ECO 6	679647.8	4859989.3	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.40E-04	3.37E-04	1.88E-04	1.66E-04	3.33E-04	4.45E-03	3.30E-04	2.36E-04	3.30E-04	1.02E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.19E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
7	ECO 7	681578.8	4862070.1	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.08E-03	3.30E-04	2.36E-04	3.30E-04	6.86E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.02E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
8	ECO 8	679735.5	4861048.6	7.61E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.46E-04	3.41E-04	1.96E-04	1.67E-04	3.35E-04	5.05E-03	3.30E-04	2.37E-04	3.30E-04	1.56E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.82E-05	1.69E-04	3.30E-04	6.60E-03	3.23E-03
9	ECO 9	687219.7	4864249.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.90E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.22E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
10	ECO 10	686519.0	4861987.6	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	2.84E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.32E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
11	ECO 11	679870.4	4859737.9	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.19E-03	3.30E-04	2.36E-04	3.30E-04	7.81E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.12E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
12	Recreational 4	681575.5	4860557.7	7.64E-04	3.06E-03	4.00E-04	1.66E-04	3.47E-04	1.66E-04	3.51E-04	3.44E-04	2.04E-04	1.68E-04	3.36E-04	5.59E-03	3.30E-04	2.38E-04	3.30E-04	2.04E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.50E-03	2.38E-05	1.71E-04	3.30E-04	6.60E-03	3.25E-03
13	Future Industrial 9	680704.5	4859857.8	7.61E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.46E-04	3.41E-04	1.96E-04	1.67E-04	3.35E-04	5.02E-03	3.30E-04	2.37E-04	3.30E-04	1.52E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.78E-05	1.69E-04	3.30E-04	6.60E-03	3.23E-03
14	Future Industrial 10	680608.0	4860719.6	7.63E-04	3.06E-03	4.00E-04	1.66E-04	3.47E-04	1.66E-04	3.50E-04	3.44E-04	2.03E-04	1.67E-04	3.36E-04	5.52E-03	3.30E-04	2.38E-04	3.30E-04	1.97E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	2.31E-05	1.70E-04	3.30E-04	6.60E-03	3.25E-03
15	Harmony Creek	673992.4	4865641.4	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.56E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.82E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
16	Farewell Creek	678079.2	4868822.7	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.67E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.95E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
17	Farmer	681378.6	4860335.0	7.61E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.45E-04	3.40E-04	1.96E-04	1.67E-04	3.35E-04	5.00E-03	3.30E-04	2.37E-04	3.30E-04	1.51E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.77E-05	1.69E-04	3.30E-04	6.60E-03	3.23E-03
18	Watson Farm	682883.4	4864219.7	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.77E-03	3.30E-04	2.35E-04	3.30E-04	4.05E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.73E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
19	Racanski Farm	678929.2	4865530.2	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	2.49E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.90E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
20	Zoo	687216.8	4864835.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.94E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.26E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
21	Cedar Crest Beach	686652.1	4861660.9	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	3.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.01E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
22	Darlington Prov Park Beach	677844.6	4859718.2	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.89E-03	3.30E-04	2.35E-04	3.30E-04	5.12E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.98E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
23	OPG 1	682258.1	4860045.0	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.17E-03	3.30E-04	2.36E-04	3.30E-04	7.68E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.97E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
24	OPG 2	682551.4	4859889.1	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.04E-03	3.30E-04	2.36E-04	3.30E-04	6.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.51E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
25	OPG 3	682824.6	4859759.3	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.79E-03	3.30E-04	2.35E-04	3.30E-04	4.25E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.97E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
26	OPG 4	683021.6	4859937.3	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.86E-03	3.30E-04	2.35E-04	3.30E-04	4.88E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.71E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
27	OPG 5	683318.2	4859677.8	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.81E-03	3.30E-04	2.35E-04	3.30E-04	4.41E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.15E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
28	OPG 6	683306.9	4860023.0	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.00E-03	3.30E-04													



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,h)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene
		(m)	(m)	1.36E-06	1.74E-06	3.81E-07	1.40E-07	3.58E-07	9.45E-08	2.59E-06	1.77E-06	3.86E-06	3.22E-07	8.15E-07	2.79E-04		3.53E-07			2.51E-06	1.13E-07				3.89E-06	2.93E-06	7.05E-07		
54	Bow. Subdivision 9	684777.3	4863330.5	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.17E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.70E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
55	Bow. Subdivision 10	685266.0	4863243.1	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.69E-03	3.30E-04	2.35E-04	3.30E-04	3.31E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.86E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
56	Osh/Court Subdivision 1	677396.8	4860977.3	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.09E-03	3.30E-04	2.36E-04	3.30E-04	6.92E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.09E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
57	Osh/Court Subdivision 2	676633.5	4860816.8	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.85E-03	3.30E-04	2.35E-04	3.30E-04	4.80E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.61E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
58	Osh/Court Subdivision 3	676916.0	4861925.0	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.79E-03	3.30E-04	2.35E-04	3.30E-04	4.21E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.92E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
59	Osh/Court Subdivision 4	676730.5	4861317.1	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.88E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.53E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
60	Osh/Court Subdivision 5	676087.2	4861392.3	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.81E-03	3.30E-04	2.35E-04	3.30E-04	4.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.17E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
61	Osh/Court Subdivision 6	676177.1	4861722.2	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.87E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.52E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
62	Osh/Court Subdivision 7	675670.7	4861783.2	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.88E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.53E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
63	Osh/Court Subdivision 8	676050.8	4862055.7	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.81E-03	3.30E-04	2.35E-04	3.30E-04	4.36E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.10E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
64	Osh/Court Subdivision 9	676636.9	4862134.3	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.81E-03	3.30E-04	2.35E-04	3.30E-04	4.38E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.12E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
65	Osh/Court Subdivision 10	676571.3	4861634.8	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.86E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.51E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
66	Bow. Subdivision 11	684649.2	4863182.7	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.69E-03	3.30E-04	2.35E-04	3.30E-04	3.35E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.91E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
67	Daycare B	685172.4	4863933.1	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.26E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.64E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
68	Daycare C	685452.0	4863104.4	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.71E-03	3.30E-04	2.35E-04	3.30E-04	3.47E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.05E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
69	Daycare D	685527.7	4864693.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.42E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.83E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
70	Daycare E	685735.4	4864790.8	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.34E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.74E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
71	Daycare F	685520.3	4864854.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.91E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.23E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
72	Daycare G	685441.9	4864878.0	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.10E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.46E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
73	Daycare H	686364.8	4864707.8	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	2.00E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.33E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
74	Daycare I	685721.6	4865127.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.91E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.23E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
75	Daycare J	678256.3	4863565.4	7.58E-04	3.05E-03	3.98E-04	1.66E-04	3.46E-04	1.65E-04	3.41E-04	3.37E-04	1.89E-04	1.66E-04	3.33E-04	4.52E-03	3.30E-04	2.36E-04	3.30E-04	1.08E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.26E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
76	Daycare K	677694.1	4864043.7	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.78E-03	3.30E-04	2.35E-04	3.30E-04	4.16E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.86E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
77	Daycare L	676479.5	4862526.2	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.92E-03	3.30E-04	2.36E-04	3.30E-04	5.40E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.30E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
78	Daycare M	678320.9	4864763.5	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.46E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.88E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
79	Daycare N	678513.4	4865058.0	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.47E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.89E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
80	Daycare O	672788.7	4863936.6	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.62E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.07E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
81	Daycare P	673952.8	4863592.5	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.72E-03	3.30E-04	2.35E-04	3.30E-04	3.56E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.16E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
82	Daycare Q	671751.8	4864887.7	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.19E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.55E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
83	Daycare R	685714.4	4864667.4	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	2.51E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.93E-06	1.66E-04	3.30E-		

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,h)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene
		(m)	(m)	1.36E-06	1.74E-06	3.81E-07	1.40E-07	3.58E-07	9.45E-08	2.59E-06	1.77E-06	3.86E-06	3.22E-07	8.15E-07	2.79E-04		3.53E-07			2.51E-06	1.13E-07				3.89E-06	2.93E-06	7.05E-07		
107	Daycare PP	674794.5	4864915.4	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.87E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.19E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
108	Hospital	686324.2	4864395.8	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.22E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.59E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
109	Hospital (Children's)	676057.8	4862180.9	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	4.60E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.37E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
110	Hospital	671233.2	4863615.9	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.85E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.16E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
111	Comm. Resp. Services	676045.4	4863902.5	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	3.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.01E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
112	Hospital	671712.7	4862364.1	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.55E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.82E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
113	Retirement Residence A	684199.9	4864120.3	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	4.55E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.31E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
114	Retirement Residence B	685483.9	4865150.9	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.84E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
115	Retirement Residence C	686844.0	4864732.1	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.08E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.43E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
116	Retirement Residence D	673481.7	4863343.4	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.61E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.05E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
117	Retirement Residence E	671825.2	4864399.0	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.38E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.78E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
118	Retirement Residence F	671606.3	4864536.0	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.30E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.69E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
119	Retirement Residence G	671357.1	4862958.7	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.74E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.04E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
120	Retirement Residence H	671514.0	4862262.9	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	1.49E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.74E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
121	Retirement Residence I	672602.2	4863075.9	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.82E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.13E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
122	Retirement Residence J	671719.1	4862893.1	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.83E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.13E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
123	Retirement Residence K	686718.0	4865648.7	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.53E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.79E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
124	Retirement Residence L	676168.7	4865669.9	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.57E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.00E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
125	Retirement Residence M	676118.5	4863980.7	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.73E-03	3.30E-04	2.35E-04	3.30E-04	3.69E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.30E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
126	Bow. Subdivision 12	684649.2	4863182.7	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.69E-03	3.30E-04	2.35E-04	3.30E-04	3.35E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.91E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
127	Primary School B	685384.8	4863575.3	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.68E-03	3.30E-04	2.35E-04	3.30E-04	3.23E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.77E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
128	Primary School C	685021.6	4863952.9	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.63E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.08E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
129	Primary School D	686237.0	4864085.5	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.35E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.75E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
130	Primary School E	686719.0	4863734.7	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.24E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.62E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
131	Primary School F	686357.0	4864754.9	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.96E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.29E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
132	Primary School G	685502.0	4865013.4	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.11E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.47E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
133	Primary School H	686726.7	4866061.5	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.59E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.85E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
134	Primary School I	685186.2	4866568.2	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	4.55E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.31E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
135	Primary School J	685965.3	4866979.0	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.82E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.12E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
136	Primary School K	677709.9	4864726.5	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.73E-03	3.30E-04	2.35E-04	3.30E-04	3.73E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.36E-06	1.66E-04	3.30E-04	6	

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,h)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene
		(m)	(m)	1.36E-06	1.74E-06	3.81E-07	1.40E-07	3.58E-07	9.45E-08	2.59E-06	1.77E-06	3.86E-06	3.22E-07	8.15E-07	2.79E-04		3.53E-07			2.51E-06	1.13E-07				3.89E-06	2.93E-06	7.05E-07		
160	Primary School II	672616.7	4862114.9	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.32E-03	3.30E-04	2.35E-04	3.30E-04	2.06E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.41E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
161	Primary School JJ	673567.2	4861899.5	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	3.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.00E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
162	Primary School KK	671791.0	4861954.2	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	1.49E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.74E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
163	Primary School LL	673762.3	4864210.6	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	2.55E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.98E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
164	Primary School MM	672238.8	4864621.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.84E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
165	Primary School NN	673213.6	4858677.0	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.61E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.88E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
166	Primary School OO	675474.8	4863221.7	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.81E-04	1.66E-04	3.32E-04	3.92E-03	3.30E-04	2.36E-04	3.30E-04	5.39E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.30E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
167	Primary School PP	672441.8	4858748.6	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.74E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.03E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
168	Primary School QQ	672796.8	4864438.2	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.57E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.00E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
169	Primary School RR	671351.4	4863284.0	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	1.47E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.71E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
170	Primary School SS	673213.9	4862125.5	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	2.82E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.29E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
171	Primary School TT	671017.9	4860953.7	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.11E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.30E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
172	Primary School UU	670991.0	4861089.8	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.44E-03	3.30E-04	2.35E-04	3.30E-04	1.10E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.28E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
173	Primary School VV	674150.1	4862294.8	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.11E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.64E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
174	Primary School WW	672005.2	4861707.9	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.57E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.83E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
175	Primary School XX	684172.1	4863615.6	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.74E-03	3.30E-04	2.35E-04	3.30E-04	3.76E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.39E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
176	Primary School YY	683923.3	4866636.4	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.97E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.30E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
177	Primary School ZZ	680446.0	4865770.5	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.44E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.86E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
178	Vacant School	685612.9	4864520.0	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.62E-03	3.30E-04	2.35E-04	3.30E-04	2.67E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.12E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
179	Secondary School A	686291.4	4865064.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.96E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.29E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
180	Secondary School B	683875.0	4864741.7	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.72E-03	3.30E-04	2.35E-04	3.30E-04	3.60E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.20E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
181	Secondary School C	684650.3	4864603.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.29E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.67E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
182	Secondary School D	678099.5	4864838.2	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.65E-03	3.30E-04	2.35E-04	3.30E-04	2.97E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.46E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
183	Secondary School E	678467.0	4863431.2	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.16E-03	3.30E-04	2.36E-04	3.30E-04	7.56E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.83E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
184	Secondary School F	674144.9	4862762.7	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.69E-03	3.30E-04	2.35E-04	3.30E-04	3.30E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.85E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
185	Secondary School G	673816.0	4864357.1	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.98E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.32E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
186	Secondary School H	673145.4	4858569.0	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.70E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.99E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
187	Secondary School I	671291.7	4863581.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.82E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.13E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
188	Secondary School J	671443.2	4861664.9	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.65E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.92E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
189	Secondary School K	673235.3	4860885.0	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.75E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.05E-06	1.65E-04	3.30E-04	6.60E-03	3



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,h)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene
		(m)	(m)	1.36E-06	1.74E-06	3.81E-07	1.40E-07	3.58E-07	9.45E-08	2.59E-06	1.77E-06	3.86E-06	3.22E-07	8.15E-07	2.79E-04		3.53E-07			2.51E-06	1.13E-07				3.89E-06	2.93E-06	7.05E-07		
213	Port Darlington 5	686406.8	4861448.7	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	2.53E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.96E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
214	Port Darlington 6	686504.5	4861604.0	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	2.77E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.23E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
215	Port Darlington 7	686703.0	4861789.3	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.69E-03	3.30E-04	2.35E-04	3.30E-04	3.32E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.88E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
216	Port Darlington 8	686895.8	4861960.2	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	2.86E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.34E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
217	Port Darlington 9	686867.4	4862119.7	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.15E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.51E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
218	Port Darlington 10	687190.7	4862048.8	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.59E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.03E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
219	Port Darlington 11	687524.4	4862126.8	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	2.48E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.90E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
220	Campground 1	678646.3	4860337.7	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.14E-03	3.30E-04	2.36E-04	3.30E-04	7.41E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.66E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
221	Campground 2	678410.2	4860148.6	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.11E-03	3.30E-04	2.36E-04	3.30E-04	7.12E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.32E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
222	Campground 3	678651.0	4860054.7	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.85E-04	1.66E-04	3.33E-04	4.28E-03	3.30E-04	2.36E-04	3.30E-04	8.61E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.01E-05	1.67E-04	3.30E-04	6.60E-03	3.20E-03
223	Campground 4	678725.9	4859860.7	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.36E-04	1.85E-04	1.66E-04	3.32E-04	4.23E-03	3.30E-04	2.36E-04	3.30E-04	8.14E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.51E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
224	Campground 5	678511.1	4859808.6	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.20E-03	3.30E-04	2.36E-04	3.30E-04	7.91E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.24E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
225	Campground 6	678869.5	4859696.0	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.02E-03	3.30E-04	2.36E-04	3.30E-04	6.29E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.35E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
226	Campground 7	678723.9	4860201.8	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.85E-04	1.66E-04	3.32E-04	4.22E-03	3.30E-04	2.36E-04	3.30E-04	8.07E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.43E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
227	Campground 8	678796.0	4860011.4	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.32E-04	4.32E-03	3.30E-04	2.36E-04	3.30E-04	9.01E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.05E-05	1.67E-04	3.30E-04	6.60E-03	3.21E-03
228	Campground 9	678852.7	4859854.2	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.11E-03	3.30E-04	2.36E-04	3.30E-04	7.06E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.25E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
229	Solina 1	681099.6	4861677.2	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.41E-04	3.37E-04	1.88E-04	1.66E-04	3.33E-04	4.48E-03	3.30E-04	2.36E-04	3.30E-04	1.04E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.22E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
230	Solina 2	681115.7	4861857.7	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.85E-04	1.66E-04	3.32E-04	4.21E-03	3.30E-04	2.36E-04	3.30E-04	8.00E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.35E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
231	Solina 3	680987.4	4861983.5	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.09E-03	3.30E-04	2.36E-04	3.30E-04	6.95E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.12E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
232	Solina 4	680965.0	4862068.1	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.04E-03	3.30E-04	2.36E-04	3.30E-04	6.51E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.61E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
233	Solina 5	681021.5	4862086.7	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.08E-03	3.30E-04	2.36E-04	3.30E-04	6.81E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.95E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
234	Solina 6	680939.8	4862124.3	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.09E-03	3.30E-04	2.36E-04	3.30E-04	6.89E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.05E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
235	Solina 7	680988.2	4862183.6	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.04E-03	3.30E-04	2.36E-04	3.30E-04	6.49E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.58E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
236	Solina 8	680984.6	4862209.8	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.05E-03	3.30E-04	2.36E-04	3.30E-04	6.54E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.64E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
237	Solina 9	680958.6	4862294.9	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.05E-03	3.30E-04	2.36E-04	3.30E-04	6.54E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.63E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
238	Solina 10	680858.0	4862324.3	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.36E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.00E-03	3.30E-04	2.36E-04	3.30E-04	6.10E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.13E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
239	Solina 11	680990.3	4862403.5	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.05E-03	3.30E-04	2.36E-04	3.30E-04	6.52E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.62E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
240	Recreational 1	681545.0	4860865.0	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.40E-04	3.37E-04	1.87E-04	1.66E-04	3.33E-04	4.42E-03	3.30E-04	2.36E-04	3.30E-04	9.86E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.15E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
241	Recreational 2	681563.7	4860687.4	7.62E-04	3.06E-03	3.99E-04	1.66E-04	3.47E-04	1.66E-04	3.48E-04	3.42E-04	1.99E-04	1.67E-04	3.35E-04	5.23E-03	3.30E-04	2.37E-04	3.30E-04	1.72E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	2.00E-05	1.70E-04	3.30E-04	6.60E-03	3.24E-03
242	Recreational 3	681579.7	4860610.0	7.63E-04	3.06E-03	4.00E-04	1.66E-04	3.47E-04	1.66E-04	3.50E-04	3.44E-04	2.02E-04	1.67E-04	3.36E-04	5.49E-03	3.30E-04	2.38E-04	3.30E-04	1.95E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	2.28E-05	1.70E-04			



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,h)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene
266	Future Industrial 8	680398.0	4860731.8	7.64E-04	3.06E-03	4.00E-04	1.66E-04	3.47E-04	1.66E-04	3.51E-04	3.44E-04	2.03E-04	1.67E-04	3.36E-04	5.57E-03	3.30E-04	2.38E-04	3.30E-04	2.02E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.50E-03	2.36E-05	1.71E-04	3.30E-04	6.60E-03	3.25E-03
267	Future Industrial 1	680359.6	4859959.2	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.44E-04	3.39E-04	1.93E-04	1.67E-04	3.34E-04	4.81E-03	3.30E-04	2.37E-04	3.30E-04	1.34E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.57E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03
268	Future Industrial 2	680083.7	4859985.7	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.44E-04	3.40E-04	1.93E-04	1.67E-04	3.34E-04	4.85E-03	3.30E-04	2.37E-04	3.30E-04	1.38E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.61E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03
269	Future Industrial 3	680819.9	4860705.3	7.62E-04	3.06E-03	4.00E-04	1.66E-04	3.47E-04	1.66E-04	3.48E-04	3.42E-04	1.99E-04	1.67E-04	3.36E-04	5.29E-03	3.30E-04	2.37E-04	3.30E-04	1.77E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	2.06E-05	1.70E-04	3.30E-04	6.60E-03	3.24E-03
270	Future Industrial 4	681070.0	4859937.2	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.40E-04	3.37E-04	1.88E-04	1.66E-04	3.33E-04	4.47E-03	3.30E-04	2.36E-04	3.30E-04	1.03E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.21E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
271	Future Industrial 5	679898.8	4860067.4	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.45E-04	3.40E-04	1.94E-04	1.67E-04	3.34E-04	4.92E-03	3.30E-04	2.37E-04	3.30E-04	1.44E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.68E-05	1.69E-04	3.30E-04	6.60E-03	3.23E-03
272	Future Industrial 6	680134.8	4860694.1	7.62E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.66E-04	3.47E-04	3.42E-04	1.98E-04	1.67E-04	3.35E-04	5.18E-03	3.30E-04	2.37E-04	3.30E-04	1.67E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.95E-05	1.70E-04	3.30E-04	6.60E-03	3.23E-03
273	Future Industrial 11	680253.7	4860255.2	7.65E-04	3.06E-03	4.00E-04	1.66E-04	3.48E-04	1.66E-04	3.54E-04	3.46E-04	2.08E-04	1.68E-04	3.37E-04	5.88E-03	3.30E-04	2.38E-04	3.30E-04	2.30E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.50E-03	2.69E-05	1.71E-04	3.30E-04	6.60E-03	3.26E-03
274	Future Industrial 12	679901.2	4860511.8	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.65E-04	3.44E-04	3.39E-04	1.93E-04	1.67E-04	3.34E-04	4.84E-03	3.30E-04	2.37E-04	3.30E-04	1.37E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.60E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03
275	Commercial Farmer	679867.8	4860445.4	7.62E-04	3.05E-03	3.99E-04	1.66E-04	3.47E-04	1.66E-04	3.47E-04	3.42E-04	1.98E-04	1.67E-04	3.35E-04	5.20E-03	3.30E-04	2.37E-04	3.30E-04	1.69E-05	1.66E-04	6.60E-04	1.32E-03	3.30E-04	1.49E-03	1.97E-05	1.70E-04	3.30E-04	6.60E-03	3.24E-03
276	Farmer	679277.0	4859981.5	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.30E-03	3.30E-04	2.36E-04	3.30E-04	8.79E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.03E-05	1.67E-04	3.30E-04	6.60E-03	3.21E-03
277	Residence	679387.2	4860648.9	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.32E-03	3.30E-04	2.36E-04	3.30E-04	8.97E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.05E-05	1.67E-04	3.30E-04	6.60E-03	3.21E-03
278	Barn	679261.9	4860574.2	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.15E-03	3.30E-04	2.36E-04	3.30E-04	7.43E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.68E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
279	Residence	680150.7	4861295.7	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.42E-04	3.38E-04	1.91E-04	1.66E-04	3.34E-04	4.65E-03	3.30E-04	2.36E-04	3.30E-04	1.19E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.39E-05	1.68E-04	3.30E-04	6.60E-03	3.22E-03
280	Residence	679939.8	4861213.4	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.40E-04	3.37E-04	1.87E-04	1.66E-04	3.33E-04	4.42E-03	3.30E-04	2.36E-04	3.30E-04	9.87E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.15E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
281	Farmer	680855.7	4861456.9	7.60E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.43E-04	3.39E-04	1.92E-04	1.67E-04	3.34E-04	4.78E-03	3.30E-04	2.37E-04	3.30E-04	1.31E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.54E-05	1.69E-04	3.30E-04	6.60E-03	3.22E-03
282	Farmer	681386.2	4861673.3	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.41E-04	3.37E-04	1.88E-04	1.66E-04	3.33E-04	4.49E-03	3.30E-04	2.36E-04	3.30E-04	1.05E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.23E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
283	Residence	680683.5	4861597.9	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.40E-04	3.36E-04	1.87E-04	1.66E-04	3.33E-04	4.37E-03	3.30E-04	2.36E-04	3.30E-04	9.44E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.10E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
284	Business	680064.3	4861343.7	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.41E-04	3.37E-04	1.88E-04	1.66E-04	3.33E-04	4.49E-03	3.30E-04	2.36E-04	3.30E-04	1.06E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.23E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
285	Farmer	679680.1	4861213.5	7.59E-04	3.05E-03	3.99E-04	1.66E-04	3.46E-04	1.65E-04	3.41E-04	3.38E-04	1.90E-04	1.66E-04	3.33E-04	4.58E-03	3.30E-04	2.36E-04	3.30E-04	1.13E-05	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.32E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
286	Farmer	681344.8	4861792.9	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.14E-03	3.30E-04	2.36E-04	3.30E-04	7.36E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.60E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
287	Youth Centre	685644.2	4864814.8	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.20E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.57E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
288	Bowmanville Arena	685462.9	4864615.2	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	2.53E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.95E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
289	Bowmanville Rec Complex	684160.3	4864604.5	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.63E-03	3.30E-04	2.35E-04	3.30E-04	2.78E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.25E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
290	Recreation Complex	684586.6	4862406.3	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.16E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.69E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
291	Superdog Central	681487.7	4865723.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.22E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.59E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
292	Equestrian Centre	681567.1	4863670.7	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.06E-03	3.30E-04	2.36E-04	3.30E-04	6.64E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.76E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
293	Flea Market	678574.6	4862819.4	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.34E-04	1.80E-04	1.66E-04	3.32E-04	3.90E-03	3.30E-04	2.35E-04	3.30E-04	5.24E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.12E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
294	Equestrian Centre	680030.8	4867320.2	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.69E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.98E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
295	Courtice Community Complex	678099.3	4864629.8	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.17E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04						

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,h)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene
		(m)	(m)	1.36E-06	1.74E-06	3.81E-07	1.40E-07	3.58E-07	9.45E-08	2.59E-06	1.77E-06	3.86E-06	3.22E-07	8.15E-07	2.79E-04		3.53E-07			2.51E-06	1.13E-07				3.89E-06	2.93E-06	7.05E-07		
319	Soper 7	685683.2	4867148.1	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.62E-03	3.30E-04	2.35E-04	3.30E-04	2.69E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.14E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
320	Soper 8	686748.7	4865874.7	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.47E-03	3.30E-04	2.35E-04	3.30E-04	1.37E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.60E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
321	Bowmanville 1	687026.3	4862368.4	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.30E-04	3.56E-03	3.30E-04	2.35E-04	3.30E-04	2.12E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.48E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
322	Bowmanville 2	686625.7	4863020.3	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.17E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.70E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
323	Bowmanville 3	683380.3	4865365.9	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.74E-03	3.30E-04	2.35E-04	3.30E-04	3.76E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.39E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
324	Bowmanville 4	683111.4	4867150.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.24E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.62E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
325	Bowmanville 5	682452.2	4869417.5	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.74E-04	1.65E-04	3.30E-04	3.48E-03	3.30E-04	2.35E-04	3.30E-04	1.47E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.71E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
326	Bowmanville 6	684778.5	4864888.2	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.60E-03	3.30E-04	2.35E-04	3.30E-04	2.51E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.93E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
327	Bowmanville 7	684549.5	4866404.4	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.57E-03	3.30E-04	2.35E-04	3.30E-04	2.27E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.65E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
328	Upper Tooley 1	679944.8	4864883.1	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.32E-04	1.76E-04	1.65E-04	3.31E-04	3.61E-03	3.30E-04	2.35E-04	3.30E-04	2.57E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.00E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
329	Upper Tooley 2	679055.1	4863885.8	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.36E-04	1.85E-04	1.66E-04	3.32E-04	4.24E-03	3.30E-04	2.36E-04	3.30E-04	8.29E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.68E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
330	Upper Tooley 3	679714.0	4862767.4	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.77E-03	3.30E-04	2.35E-04	3.30E-04	4.09E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.78E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
331	Upper Tooley 4	678898.8	4861800.6	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.36E-04	1.85E-04	1.66E-04	3.32E-04	4.23E-03	3.30E-04	2.36E-04	3.30E-04	8.16E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.53E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
332	Upper Tooley 5	680353.5	4862156.5	7.58E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.40E-04	3.37E-04	1.88E-04	1.66E-04	3.33E-04	4.43E-03	3.30E-04	2.36E-04	3.30E-04	9.96E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.16E-05	1.68E-04	3.30E-04	6.60E-03	3.21E-03
333	Upper Tooley 6	679818.1	4861625.7	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.20E-03	3.30E-04	2.36E-04	3.30E-04	7.88E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	9.20E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
334	Robinson 1	678434.8	4860943.1	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.39E-04	3.36E-04	1.86E-04	1.66E-04	3.33E-04	4.29E-03	3.30E-04	2.36E-04	3.30E-04	8.74E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	1.02E-05	1.67E-04	3.30E-04	6.60E-03	3.21E-03
335	Robinson 2	677752.6	4861240.6	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.15E-03	3.30E-04	2.36E-04	3.30E-04	7.46E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.71E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
336	Robinson 3	677642.2	4861787.2	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.89E-03	3.30E-04	2.35E-04	3.30E-04	5.15E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.01E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
337	Robinson 4	678532.7	4862143.6	7.57E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.38E-04	3.35E-04	1.84E-04	1.66E-04	3.32E-04	4.16E-03	3.30E-04	2.36E-04	3.30E-04	7.54E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.48E-03	8.80E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
338	Robinson 5	678005.1	4862784.9	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.79E-04	1.65E-04	3.31E-04	3.83E-03	3.30E-04	2.35E-04	3.30E-04	4.55E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.32E-06	1.66E-04	3.30E-04	6.60E-03	3.19E-03
339	Robinson 6	677882.7	4860587.7	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.34E-04	1.82E-04	1.66E-04	3.32E-04	4.06E-03	3.30E-04	2.36E-04	3.30E-04	6.65E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	7.77E-06	1.67E-04	3.30E-04	6.60E-03	3.20E-03
340	F/B 1	677443.1	4867862.1	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.37E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.77E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
341	F/B 2	679667.4	4866611.4	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.59E-03	3.30E-04	2.35E-04	3.30E-04	2.39E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.79E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
342	F/B 3	678655.0	4867470.1	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.65E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.92E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
343	F/B 4	676191.2	4866844.7	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.49E-03	3.30E-04	2.35E-04	3.30E-04	1.51E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.77E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
344	F/B 5	678273.3	4866093.0	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	2.85E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.33E-06	1.66E-04	3.30E-04	6.60E-03	3.18E-03
345	F/B 6	681241.2	4867098.8	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.55E-03	3.30E-04	2.35E-04	3.30E-04	2.06E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.40E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
346	F/B 7	682165.3	4868082.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.65E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.92E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
347	F/B 8	679366.6	4868628.3	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.89E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.21E-06	1.65E-04	3.30E-04	6.60E-03	3.18E-03
348	F/B 9	680310.1	4869967.1	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.60E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.86E-06	1.65E-04</			

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene	9,10-dimethylanthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylanthracene	1-methylanthracene	
		(m)	(m)	1.36E-06	1.74E-06	3.81E-07	1.40E-07	3.58E-07	9.45E-08	2.59E-06	1.77E-06	3.86E-06	3.22E-07	8.15E-07	2.79E-04		3.53E-07			2.51E-06	1.13E-07				3.89E-06	2.93E-06	7.05E-07			9.19E-06
372	Westside 1	686082.6	4862776.6	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.75E-03	3.30E-04	2.35E-04	3.30E-04	3.89E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.54E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.19E-03
373	Westside 2	685778.7	4862137.9	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.68E-03	3.30E-04	2.35E-04	3.30E-04	3.22E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.76E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.19E-03
374	Westside 3	685084.2	4862827.4	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	3.42E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.99E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.19E-03
375	Darlington 1	680977.5	4865674.4	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.64E-03	3.30E-04	2.35E-04	3.30E-04	2.92E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.41E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.18E-03
376	Darlington 2	680913.9	4863967.1	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.85E-03	3.30E-04	2.35E-04	3.30E-04	4.78E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.58E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.19E-03
377	Darlington 3	682602.8	4863659.6	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.88E-03	3.30E-04	2.35E-04	3.30E-04	5.02E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	5.86E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.19E-03
378	Darlington 4	682206.4	4862910.4	7.55E-04	3.05E-03	3.98E-04	1.65E-04	3.45E-04	1.65E-04	3.35E-04	3.33E-04	1.80E-04	1.66E-04	3.31E-04	3.89E-03	3.30E-04	2.35E-04	3.30E-04	5.15E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	6.01E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.19E-03
379	Darlington 5	683223.2	4861114.0	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.33E-04	1.78E-04	1.65E-04	3.31E-04	3.77E-03	3.30E-04	2.35E-04	3.30E-04	4.01E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.69E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.19E-03
380	Darlington 6	683947.7	4862362.0	7.55E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.34E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.74E-03	3.30E-04	2.35E-04	3.30E-04	3.78E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.42E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.19E-03
381	Darlington 7	685361.9	4861143.4	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.78E-04	1.65E-04	3.31E-04	3.70E-03	3.30E-04	2.35E-04	3.30E-04	3.44E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	4.02E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.19E-03
382	Bennett ECO/HH	688606.4	4862634.8	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.53E-03	3.30E-04	2.35E-04	3.30E-04	1.92E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.24E-06	1.65E-04	1.66E-04	3.30E-04	6.60E-03	3.18E-03
383	Oshawa ECO/HH	673884.9	4859128.9	7.54E-04	3.05E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.33E-04	3.32E-04	1.77E-04	1.65E-04	3.31E-04	3.67E-03	3.30E-04	2.35E-04	3.30E-04	3.13E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	3.65E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.18E-03
384	Oshawa Creek 1	671671.2	4862793.7	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.83E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.14E-06	1.65E-04	1.66E-04	3.30E-04	6.60E-03	3.18E-03
385	Oshawa Creek 2	671668.5	4861589.5	7.53E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.31E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.50E-03	3.30E-04	2.35E-04	3.30E-04	1.62E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	1.89E-06	1.65E-04	1.66E-04	3.30E-04	6.60E-03	3.18E-03
386	Oshawa Creek 3	672820.2	4861287.2	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.51E-03	3.30E-04	2.35E-04	3.30E-04	1.71E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.00E-06	1.65E-04	1.66E-04	3.30E-04	6.60E-03	3.18E-03
387	Oshawa Creek 4	672360.3	4860262.6	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.81E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.11E-06	1.65E-04	1.66E-04	3.30E-04	6.60E-03	3.18E-03
388	Oshawa Creek 5	673921.2	4860115.0	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.76E-04	1.65E-04	3.31E-04	3.58E-03	3.30E-04	2.35E-04	3.30E-04	2.30E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.69E-06	1.66E-04	1.66E-04	3.30E-04	6.60E-03	3.18E-03
389	Oshawa Creek 6	673154.0	4859421.9	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.54E-03	3.30E-04	2.35E-04	3.30E-04	1.98E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.32E-06	1.65E-04	1.66E-04	3.30E-04	6.60E-03	3.18E-03
390	Farmer	677409.8	4861051.4	7.56E-04	3.05E-03	3.98E-04	1.65E-04	3.46E-04	1.65E-04	3.37E-04	3.35E-04	1.83E-04	1.66E-04	3.32E-04	4.10E-03	3.30E-04	2.36E-04	3.30E-04	7.01E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	8.19E-06	1.67E-04	1.66E-04	3.30E-04	6.60E-03	3.20E-03
391	Commercial Market	688276.3	4864698.5	7.54E-04	3.04E-03	3.97E-04	1.65E-04	3.45E-04	1.65E-04	3.32E-04	3.31E-04	1.75E-04	1.65E-04	3.30E-04	3.52E-03	3.30E-04	2.35E-04	3.30E-04	1.76E-06	1.65E-04	6.60E-04	1.32E-03	3.30E-04	1.47E-03	2.06E-06	1.65E-04	1.66E-04	3.30E-04	6.60E-03	3.18E-03



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform
		(m)	(m)	5.09E-05	3.30E-04	0.00E+00	3.96E-05	1.41E-07	8.85E-06	4.70E-06	4.66E-05	7.66E-06	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04		3.30E-04	4.97E-08	11.43	0.20	2.90E-03	0.02	4.74E-03	3.37E-03	0.48	10.01	1.81
1	Campground 10	678526.8	4859996.8	5.51E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.04E-04	1.32E-03	4.91E-04	0.00E+00	3.56E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
2	ECO 2	675490.4	4860360.1	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.14E-04	0.00E+00	3.44E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
3	Recreational 5	681642.0	4860349.3	5.68E-03	3.30E-04	0.00E+00	6.18E-03	3.31E-04	6.33E-03	0.00E+00	7.20E-04	1.32E-03	6.50E-04	0.00E+00	3.82E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.16	0.10	0.24	0.48	10.01	1.81	0.55	
4	ECO 4	676831.5	4859840.9	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.02E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
5	Bow. Valley Cons. 3	685767.2	4863879.0	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
6	ECO 6	679647.8	4859989.3	5.54E-03	3.30E-04	0.00E+00	6.07E-03	3.30E-04	6.30E-03	0.00E+00	7.07E-04	1.32E-03	5.19E-04	0.00E+00	3.61E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	
7	ECO 7	681578.8	4862070.1	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.57E-04	0.00E+00	3.51E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
8	ECO 8	679735.5	4861048.6	5.65E-03	3.30E-04	0.00E+00	6.16E-03	3.31E-04	6.32E-03	0.00E+00	7.17E-04	1.32E-03	6.19E-04	0.00E+00	3.77E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.15	0.10	0.24	0.48	10.01	1.81	0.55	
9	ECO 9	687219.7	4864249.3	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.65E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
10	ECO 10	686519.0	4861987.6	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.83E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
11	ECO 11	679870.4	4859737.9	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.75E-04	0.00E+00	3.54E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
12	Recreational 4	681575.5	4860557.7	5.74E-03	3.30E-04	0.00E+00	6.23E-03	3.31E-04	6.34E-03	0.00E+00	7.26E-04	1.32E-03	7.09E-04	0.00E+00	3.92E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.19	0.11	0.24	0.48	10.01	1.81	0.55	
13	Future Industrial 9	680704.5	4859857.8	5.64E-03	3.30E-04	0.00E+00	6.15E-03	3.31E-04	6.32E-03	0.00E+00	7.17E-04	1.32E-03	6.13E-04	0.00E+00	3.76E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.15	0.10	0.24	0.48	10.01	1.81	0.55	
14	Future Industrial 10	680608.0	4860719.6	5.73E-03	3.30E-04	0.00E+00	6.22E-03	3.31E-04	6.33E-03	0.00E+00	7.25E-04	1.32E-03	6.97E-04	0.00E+00	3.90E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.18	0.11	0.24	0.48	10.01	1.81	0.55	
15	Harmony Creek	673992.4	4865641.4	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
16	Farewell Creek	678079.2	4868822.7	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.61E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
17	Farmer	681378.6	4860335.0	5.64E-03	3.30E-04	0.00E+00	6.15E-03	3.31E-04	6.32E-03	0.00E+00	7.16E-04	1.32E-03	6.11E-04	0.00E+00	3.76E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.15	0.10	0.24	0.48	10.01	1.81	0.55	
18	Watson Farm	682883.4	4864219.7	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.05E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
19	Racanski Farm	678929.2	4865530.2	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
20	Zoo	687216.8	4864835.3	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
21	Cedar Crest Beach	686652.1	4861660.9	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
22	Darlington Prov Park Beach	677844.6	4859718.2	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.25E-04	0.00E+00	3.45E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
23	OPG 1	682258.1	4860045.0	5.49E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.73E-04	0.00E+00	3.53E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
24	OPG 2	682551.4	4859889.1	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.49E-04	0.00E+00	3.49E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
25	OPG 3	682824.6	4859759.3	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.09E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
26	OPG 4	683021.6	4859937.3	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.21E-04	0.00E+00	3.45E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
27	OPG 5	683318.2	4859677.8	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.12E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
28	OPG 6	683306.9	4860023.0	5.45E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.43E-04	0.00E+00	3.48E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
29	OPG 7	683718.6	4859915.8	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.29E-04	0.00E+00	3.46E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
30	OPG 8	682702.0	4859998.6	5.45E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.37E-04	0.00E+00	3.47E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
31	OPG 9	684347.7	4861184.6	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.05E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
32	OPG 10	682157.2	4861228.2	5.52E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.05E-04	1.32E-03	5.03E-04	0.00E+00	3.58E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
33	St. Mary's 1	684557.0	4861070.0	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.23E-04	0.00E+00	3.45E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
34	St. Mary's 2	684657.3	4861320.8	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
35	St. Mary's 3	684905.3	4861154.4	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.10E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81		



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2- methylphthalene	1- methylphenanthrene	9- methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform
		(m)	(m)	5.09E-05	3.30E-04	0.00E+00	3.96E-05	1.41E-07	8.85E-06	4.70E-06	1.32E-03	3.30E-04	4.66E-05	7.66E-06	3.30E-04	3.30E-04	3.30E-04		4.97E-08	11.43	0.20	2.90E-03	0.02	4.74E-03	3.37E-03	0.48	10.01	1.81	4.77E-05
54	Bow. Subdivision 9	684777.3	4863330.5	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
55	Bow. Subdivision 10	685266.0	4863243.1	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.91E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
56	Osh/Court Subdivision 1	677396.8	4860977.3	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.59E-04	0.00E+00	3.51E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
57	Osh/Court Subdivision 2	676633.5	4860816.8	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.19E-04	0.00E+00	3.44E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
58	Osh/Court Subdivision 3	676916.0	4861925.0	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.08E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
59	Osh/Court Subdivision 4	676730.5	4861317.1	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.02E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
60	Osh/Court Subdivision 5	676087.2	4861392.3	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.12E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
61	Osh/Court Subdivision 6	676177.1	4861722.2	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.02E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
62	Osh/Court Subdivision 7	675670.7	4861783.2	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.02E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
63	Osh/Court Subdivision 8	676050.8	4862055.7	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.11E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
64	Osh/Court Subdivision 9	676636.9	4862134.3	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.11E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
65	Osh/Court Subdivision 10	676571.3	4861634.8	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.02E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
66	Bow. Subdivision 11	684649.2	4863182.7	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.92E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
67	Daycare B	685172.4	4863933.1	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.72E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
68	Daycare C	685452.0	4863104.4	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
69	Daycare D	685527.7	4864693.3	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.75E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
70	Daycare E	685735.4	4864790.8	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.73E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
71	Daycare F	685520.3	4864854.3	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.65E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
72	Daycare G	685441.9	4864878.0	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.69E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
73	Daycare H	686364.8	4864707.8	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
74	Daycare I	685721.6	4865127.3	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.65E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
75	Daycare J	678256.3	4863565.4	5.55E-03	3.30E-04	0.00E+00	6.08E-03	3.30E-04	6.30E-03	0.00E+00	7.08E-04	1.32E-03	5.30E-04	0.00E+00	3.63E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	
76	Daycare K	677694.1	4864043.7	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.07E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
77	Daycare L	676479.5	4862526.2	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.30E-04	0.00E+00	3.46E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
78	Daycare M	678320.9	4864763.5	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
79	Daycare N	678513.4	4865058.0	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
80	Daycare O	672788.7	4863936.6	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.79E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
81	Daycare P	673952.8	4863592.5	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.96E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
82	Daycare Q	671751.8	4864887.7	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.70E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
83	Daycare R	685714.4	4864667.4	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
84	Daycare S	684177.9	4863618.2	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.99E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
85	Daycare T	678423.6	4864480.4	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.01E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
86	Daycare U	685330.5	4863435.1	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.96E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
87	Daycare V	685153.2	4863236.9	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.97E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
88	Daycare W	672679.0	4862044.9	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.65E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22					

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2-methylnaphthalene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform
		(m)	(m)	5.09E-05	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.65E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		3.30E-04	4.97E-08	11.43	0.20	28.81	0.02	4.74E-03	3.37E-03	0.48	10.01	1.81
107	Daycare PP	674794.5	4864915.4	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.65E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
108	Hospital	686324.2	4864395.8	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.71E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
109	Hospital (Children's)	676057.8	4862180.9	5.42E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.15E-04	0.00E+00	3.44E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
110	Hospital	671233.2	4863615.9	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
111	Comm. Resp. Services	676045.4	4863902.5	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
112	Hospital	671712.7	4862364.1	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
113	Retirement Residence A	684199.9	4864120.3	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.14E-04	0.00E+00	3.44E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
114	Retirement Residence B	685483.9	4865150.9	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.75E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
115	Retirement Residence C	686844.0	4864732.1	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.69E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
116	Retirement Residence D	673481.7	4863343.4	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
117	Retirement Residence E	671825.2	4864399.0	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.74E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
118	Retirement Residence F	671606.3	4864536.0	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.73E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
119	Retirement Residence G	671357.1	4862958.7	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
120	Retirement Residence H	671514.0	4862262.9	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.57E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
121	Retirement Residence I	672602.2	4863075.9	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
122	Retirement Residence J	671719.1	4862893.1	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
123	Retirement Residence K	686718.0	4865648.7	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
124	Retirement Residence L	676168.7	4865669.9	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
125	Retirement Residence M	676118.5	4863980.7	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.98E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
126	Bow. Subdivision 12	684649.2	4863182.7	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.92E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
127	Primary School B	685384.8	4863575.3	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.90E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
128	Primary School C	685021.6	4863952.9	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.79E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
129	Primary School D	686237.0	4864085.5	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.74E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
130	Primary School E	686719.0	4863734.7	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.72E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
131	Primary School F	686357.0	4864754.9	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
132	Primary School G	685502.0	4865013.4	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.69E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
133	Primary School H	686726.7	4866061.5	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
134	Primary School I	685186.2	4866568.2	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.14E-04	0.00E+00	3.44E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
135	Primary School J	685965.3	4866979.0	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
136	Primary School K	677709.9	4864726.5	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.99E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
137	Primary School L	675988.3	4864270.2	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.93E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
138	Primary School M	676608.7	4862739.0	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.01E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
139	Primary School N	677222.2	4863759.1	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.56E-04	0.00E+00	3.51E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
140	Primary School O	678154.9	4863872.7	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.44E-04	0.00E+00	3.49E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
141	Court. Subdivision 12	678309.6	4863600.8	5.53E-03	3.30E-04	0.00E+00	6.07E-03	3.30E-04	6.30E-03	0.00E+00	7.07E-04	1.32E-03	5.16E-04	0.00E+00	3.60E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23					

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2-methyl-naphthalene	1-methyl-naphthalene	9-methyl-naphthalene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform
		(m)	(m)	5.09E-05	3.30E-04	0.00E+00	3.96E-05	1.41E-07	8.85E-06	4.70E-06	4.66E-05	7.66E-06	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04		3.30E-04	4.97E-08	11.43	0.20	2.90E-03	0.02	4.74E-03	3.37E-03	0.48	10.01	1.81
160	Primary School II	672616.7	4862114.9	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.68E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
161	Primary School JJ	673567.2	4861899.5	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
162	Primary School KK	671791.0	4861954.2	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.57E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
163	Primary School LL	673762.3	4864210.6	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
164	Primary School MM	672238.8	4864621.3	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.75E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
165	Primary School NN	673213.6	4858677.0	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.60E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
166	Primary School OO	675474.8	4863221.7	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.30E-04	0.00E+00	3.46E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
167	Primary School PP	672441.8	4858748.6	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
168	Primary School QQ	672796.8	4864438.2	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
169	Primary School RR	671351.4	4863284.0	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.57E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
170	Primary School SS	673213.9	4862125.5	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.82E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
171	Primary School TT	671017.9	4860953.7	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.51E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	
172	Primary School UU	670991.0	4861089.8	5.35E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.90E-04	1.32E-03	3.50E-04	0.00E+00	3.33E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	
173	Primary School VV	674150.1	4862294.8	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
174	Primary School WW	672005.2	4861707.9	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
175	Primary School XX	684172.1	4863615.6	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.00E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
176	Primary School YY	683923.3	4866636.4	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
177	Primary School ZZ	680446.0	4865770.5	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.75E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
178	Vacant School	685612.9	4864520.0	5.38E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.79E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
179	Secondary School A	686291.4	4865064.3	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
180	Secondary School B	683875.0	4864741.7	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	3.97E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
181	Secondary School C	684650.3	4866460.3	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.72E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
182	Secondary School D	678099.5	4864838.2	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.93E-04	1.32E-03	3.85E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
183	Secondary School E	678467.0	4863431.2	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.71E-04	0.00E+00	3.53E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
184	Secondary School F	674144.9	4862762.7	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.91E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
185	Secondary School G	673816.0	4864357.1	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
186	Secondary School H	673145.4	4858569.0	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
187	Secondary School I	671291.7	4863581.3	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
188	Secondary School J	671443.2	4861664.9	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.60E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
189	Secondary School K	673235.3	4860885.0	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
190	Secondary School L	684252.7	4866500.5	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
191	Secondary School M	673914.1	4859551.7	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
192	Secondary School N	675051.5	4864177.2	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.70E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
193	Adult School	685276.1	4866019.8	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.81E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
194	Bow. Valley Cons. 1	685356.6	4864521.2	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.79E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48				



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2-methyl-naphthalene	1-methyl-naphthalene	9-methyl-naphthalene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform
		(m)	(m)	5.09E-05	3.30E-04	0.00E+00	3.96E-05	1.41E-07	8.85E-06	4.70E-06	4.66E-05	7.66E-06	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04		3.30E-04	4.97E-08	11.43	0.20	2.90E-03	0.02	4.74E-03	3.37E-03	0.48	10.01	1.81
213	Port Darlington 5	686406.8	4861448.7	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
214	Port Darlington 6	686504.5	4861604.0	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.81E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
215	Port Darlington 7	686703.0	4861789.3	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.92E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
216	Port Darlington 8	686895.8	4861960.2	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.83E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
217	Port Darlington 9	686867.4	4862119.7	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.70E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
218	Port Darlington 10	687190.7	4862048.8	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
219	Port Darlington 11	687524.4	4862126.8	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
220	Campground 1	678646.3	4860337.7	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.68E-04	0.00E+00	3.52E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	
221	Campground 2	678410.2	4860148.6	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.62E-04	0.00E+00	3.52E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.09	0.22	0.48	10.01	1.81	0.55	
222	Campground 3	678651.0	4860054.4	5.51E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.04E-04	1.32E-03	4.90E-04	0.00E+00	3.56E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
223	Campground 4	678725.9	4859860.7	5.50E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.81E-04	0.00E+00	3.55E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
224	Campground 5	678511.1	4859808.6	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.77E-04	0.00E+00	3.54E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
225	Campground 6	678869.5	4859696.0	5.46E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.47E-04	0.00E+00	3.49E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
226	Campground 7	678723.9	4860201.8	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.80E-04	0.00E+00	3.54E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
227	Campground 8	678796.0	4860011.4	5.51E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.05E-04	1.32E-03	4.97E-04	0.00E+00	3.57E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
228	Campground 9	678852.7	4859854.2	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.61E-04	0.00E+00	3.51E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.09	0.22	0.48	10.01	1.81	0.55	
229	Solina 1	681099.6	4861677.2	5.4E-03	3.30E-04	0.00E+00	6.08E-03	3.30E-04	6.30E-03	0.00E+00	7.07E-04	1.32E-03	5.23E-04	0.00E+00	3.62E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	
230	Solina 2	681115.7	4861857.7	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.79E-04	0.00E+00	3.54E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
231	Solina 3	680987.4	4861983.5	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.59E-04	0.00E+00	3.51E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
232	Solina 4	680965.0	4862068.1	5.46E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.51E-04	0.00E+00	3.50E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
233	Solina 5	681021.5	4862086.7	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.56E-04	0.00E+00	3.51E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
234	Solina 6	680939.8	4862124.3	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.58E-04	0.00E+00	3.51E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
235	Solina 7	680988.2	4862183.6	5.46E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.51E-04	0.00E+00	3.50E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
236	Solina 8	680984.6	4862209.8	5.46E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.51E-04	0.00E+00	3.50E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
237	Solina 9	680958.6	4862294.9	5.46E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.51E-04	0.00E+00	3.50E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
238	Solina 10	680858.0	4862324.3	5.45E-03	3.30E-04	0.00E+00	6.01E-03	3.30E-04	6.29E-03	0.00E+00	6.99E-04	1.32E-03	4.43E-04	0.00E+00	3.48E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
239	Solina 11	680990.3	4862403.5	5.46E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.51E-04	0.00E+00	3.50E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
240	Recreational 1	681545.0	4860865.0	5.53E-03	3.30E-04	0.00E+00	6.07E-03	3.30E-04	6.30E-03	0.00E+00	7.06E-04	1.32E-03	5.13E-04	0.00E+00	3.60E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
241	Recreational 2	681563.7	4860687.4	5.68E-03	3.30E-04	0.00E+00	6.18E-03	3.31E-04	6.33E-03	0.00E+00	7.20E-04	1.32E-03	6.49E-04	0.00E+00	3.82E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.16	0.10	0.24	0.48	10.01	1.81	0.55	
242	Recreational 3	681579.7	4860610.0	5.73E-03	3.30E-04	0.00E+00	6.22E-03	3.31E-04	6.33E-03	0.00E+00	7.25E-04	1.32E-03	6.93E-04	0.00E+00	3.89E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.18	0.11	0.24	0.48	10.01	1.81	0.55	
243	Recreational 6	681876.6	4860254.4	5.59E-03	3.30E-04	0.00E+00	6.12E-03	3.31E-04	6.31E-03	0.00E+00	7.12E-04	1.32E-03	6.69E-04	0.00E+00	3.69E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.13	0.10	0.23	0.48	10.01	1.81	0.55	
244	Recreational 7	682166.9	4860324.4	5.53E-03	3.30E-04	0.00E+00	6.07E-03	3.30E-04	6.30E-03	0.00E+00	7.06E-04	1.32E-03	5.12E-04	0.00E+00	3.60E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
245	Darlington 1	679565.4	4861052.9	5.65E-03	3.30E-04	0.00E+00	6.16E-03	3.31E-04	6.32E-03	0.00E+00	7.17E-04	1.32E-03	6.21E-04	0.00E+00	3.78E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.15	0.10	0.24	0.48	10.01	1.81	0.55	
246	Darlington 2	679452.9	4861051.4	5.60E-03	3.30E-04	0.00E+00	6.12E-03	3.31E-04	6.31E-03	0.00E+00	7.13E-04	1.32E-03	5.77E-04	0.00E+00	3.70E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	
247	Darlington 3	679130.5	4860948.8	5.54E-03	3.30E-04	0.00E+00	6.07E-03	3.30E-04	6.30E-03	0.00E+00	7.07E-04	1.32E-03	5.19E-04	0.00E+00	3.61E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0							



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2-methyl-naphthalene	1-methyl-naphthalene	9-methyl-naphthalene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform
		(m)	(m)	5.09E-05	3.30E-04	0.00E+00	3.96E-05	1.41E-07	8.85E-06	4.70E-06	4.66E-05	7.66E-06	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04		3.30E-04	4.97E-08	11.43	0.20	2.90E-03	0.02	4.74E-03	3.37E-03	0.48	10.01	1.81
266	Future Industrial 8	680398.0	4860731.8	5.74E-03	3.30E-04	0.00E+00	6.23E-03	3.31E-04	6.34E-03	0.00E+00	7.26E-04	1.32E-03	7.06E-04	0.00E+00	3.92E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.19	0.11	0.24	0.48	10.01	1.81	0.55	
267	Future Industrial 1	680359.6	4859959.2	5.60E-03	3.30E-04	0.00E+00	6.12E-03	3.31E-04	6.31E-03	0.00E+00	7.13E-04	1.32E-03	5.80E-04	0.00E+00	3.71E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	
268	Future Industrial 2	680083.7	4859985.7	5.61E-03	3.30E-04	0.00E+00	6.13E-03	3.31E-04	6.31E-03	0.00E+00	7.14E-04	1.32E-03	5.86E-04	0.00E+00	3.72E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	
269	Future Industrial 3	680819.9	4860705.3	5.69E-03	3.30E-04	0.00E+00	6.19E-03	3.31E-04	6.33E-03	0.00E+00	7.21E-04	1.32E-03	6.59E-04	0.00E+00	3.84E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.17	0.11	0.24	0.48	10.01	1.81	0.55	
270	Future Industrial 4	681070.0	4859937.2	5.54E-03	3.30E-04	0.00E+00	6.08E-03	3.30E-04	6.30E-03	0.00E+00	7.07E-04	1.32E-03	5.22E-04	0.00E+00	3.61E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	
271	Future Industrial 5	679898.8	4860067.4	5.62E-03	3.30E-04	0.00E+00	6.14E-03	3.31E-04	6.32E-03	0.00E+00	7.15E-04	1.32E-03	5.98E-04	0.00E+00	3.74E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.15	0.10	0.23	0.48	10.01	1.81	0.55	
272	Future Industrial 6	680134.8	4860694.1	5.67E-03	3.30E-04	0.00E+00	6.18E-03	3.31E-04	6.32E-03	0.00E+00	7.19E-04	1.32E-03	6.40E-04	0.00E+00	3.81E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.16	0.10	0.24	0.48	10.01	1.81	0.55	
273	Future Industrial 11	680253.7	4860255.2	5.80E-03	3.30E-04	0.00E+00	6.28E-03	3.31E-04	6.35E-03	0.00E+00	7.31E-04	1.32E-03	7.58E-04	0.00E+00	4.00E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.20	0.12	0.25	0.48	10.01	1.81	0.55	
274	Future Industrial 12	679901.2	4860511.8	5.61E-03	3.30E-04	0.00E+00	6.13E-03	3.31E-04	6.31E-03	0.00E+00	7.14E-04	1.32E-03	5.85E-04	0.00E+00	3.72E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	
275	Commercial Farmer	679867.8	4860445.4	5.67E-03	3.30E-04	0.00E+00	6.18E-03	3.31E-04	6.32E-03	0.00E+00	7.20E-04	1.32E-03	6.44E-04	0.00E+00	3.81E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.83	0.16	0.10	0.24	0.48	10.01	1.81	0.55	
276	Farmer	679277.0	4859981.5	5.51E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.04E-04	1.32E-03	4.93E-04	0.00E+00	3.57E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
277	Residence	679387.2	4860648.9	5.51E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.05E-04	1.32E-03	4.97E-04	0.00E+00	3.57E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
278	Barn	679261.9	4860574.2	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.68E-04	0.00E+00	3.52E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	
279	Residence	680150.7	4861295.7	5.57E-03	3.30E-04	0.00E+00	6.10E-03	3.30E-04	6.31E-03	0.00E+00	7.10E-04	1.32E-03	5.51E-04	0.00E+00	3.66E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.13	0.09	0.23	0.48	10.01	1.81	0.55	
280	Residence	679939.8	4861213.4	5.53E-03	3.30E-04	0.00E+00	6.07E-03	3.30E-04	6.30E-03	0.00E+00	7.06E-04	1.32E-03	5.13E-04	0.00E+00	3.60E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
281	Farmer	680855.7	4861456.9	5.60E-03	3.30E-04	0.00E+00	6.12E-03	3.31E-04	6.31E-03	0.00E+00	7.13E-04	1.32E-03	5.74E-04	0.00E+00	3.70E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.14	0.10	0.23	0.48	10.01	1.81	0.55	
282	Farmer	681386.2	4861673.3	5.54E-03	3.30E-04	0.00E+00	6.08E-03	3.30E-04	6.30E-03	0.00E+00	7.08E-04	1.32E-03	5.26E-04	0.00E+00	3.62E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	
283	Residence	680683.5	4861597.9	5.52E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.06E-04	1.32E-03	5.05E-04	0.00E+00	3.59E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
284	Business	680064.3	4861343.7	5.54E-03	3.30E-04	0.00E+00	6.08E-03	3.30E-04	6.30E-03	0.00E+00	7.08E-04	1.32E-03	5.26E-04	0.00E+00	3.62E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	
285	Farmer	679680.1	4861213.5	5.56E-03	3.30E-04	0.00E+00	6.09E-03	3.30E-04	6.30E-03	0.00E+00	7.09E-04	1.32E-03	5.40E-04	0.00E+00	3.64E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	
286	Farmer	681344.8	4861792.9	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.67E-04	0.00E+00	3.52E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.22	0.48	10.01	1.81	0.55	
287	Youth Centre	685644.2	4864814.8	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.71E-04	0.00E+00	3.72E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
288	Bowmanville Arena	685462.9	4864615.2	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.77E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
289	Bowmanville Rec Complex	684160.3	4864604.5	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.82E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
290	Recreation Complex	684586.6	4862406.3	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
291	Superdog Central	681487.7	4865723.3	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.71E-04	0.00E+00	3.72E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
292	Equestrian Centre	681567.1	4863670.7	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.53E-04	0.00E+00	3.50E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
293	Flea Market	678574.6	4862819.4	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.27E-04	0.00E+00	3.46E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
294	Equestrian Centre	680030.8	4867320.2	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.61E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
295	Courtice Community Complex	678099.3	4864629.8	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
296	Former Restaurant	679830.2	4860702.2	5.52E-03	3.30E-04	0.00E+00	6.06E-03	3.30E-04	6.30E-03	0.00E+00	7.05E-04	1.32E-03	5.02E-04	0.00E+00	3.58E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
297	Commercial	679364.8	4861016.0	5.55E-03	3.30E-04	0.00E+00	6.08E-03	3.30E-04	6.30E-03	0.00E+00	7.08E-04	1.32E-03	5.28E-04	0.00E+00	3.62E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.12	0.09	0.23	0.48	10.01	1.81	0.55	
298	GM Oshawa Headquarters	676418.3	4860463.7	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.23E-04	0.00E+00	3.45E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
299	Farm A?	682972.3	4862201.9	5.44E-03	3.30E-04	0.00E+00	6.00E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.33E-04	0.00E+00	3.47E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
300	Farm B?	683546.9	4861959.7	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.08E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01			

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2-methyl-naphthalene	1-methyl-naphthalene	9-methyl-naphthalene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform
		(m)	(m)	5.09E-05	3.30E-04	0.00E+00	3.96E-05	1.41E-07	8.85E-06	4.70E-06	1.32E-03	3.30E-04	4.66E-05	7.66E-06	3.30E-04	3.30E-04	3.30E-04		4.97E-08	11.43	0.20	2.90E-03	0.02	4.74E-03	3.37E-03	0.48	10.01	1.81	4.77E-05
319	Soper 7	685683.2	4867148.1	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.80E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
320	Soper 8	686748.7	4865874.7	5.36E-03	3.30E-04	0.00E+00	5.93E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.55E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.05	0.07	0.22	0.48	10.01	1.81	0.55	
321	Bowmanville 1	687026.3	4862368.4	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.69E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
322	Bowmanville 2	686625.7	4863020.3	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.89E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
323	Bowmanville 3	683380.3	4865365.9	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.00E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
324	Bowmanville 4	683111.4	4867150.3	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.72E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
325	Bowmanville 5	682452.2	4869417.5	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.57E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
326	Bowmanville 6	684778.5	4864888.2	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.76E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
327	Bowmanville 7	684549.5	4866404.4	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.72E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
328	Upper Tooley 1	679944.8	4864883.1	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.78E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
329	Upper Tooley 2	679055.1	4863885.8	5.50E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.84E-04	0.00E+00	3.55E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
330	Upper Tooley 3	679714.0	4862767.4	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.06E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55	
331	Upper Tooley 4	678898.8	4861800.6	5.50E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.82E-04	0.00E+00	3.55E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
332	Upper Tooley 5	680353.5	4862156.5	5.53E-03	3.30E-04	0.00E+00	6.07E-03	3.30E-04	6.30E-03	0.00E+00	7.07E-04	1.32E-03	5.15E-04	0.00E+00	3.60E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
333	Upper Tooley 6	679818.1	4861625.7	5.49E-03	3.30E-04	0.00E+00	6.04E-03	3.30E-04	6.29E-03	0.00E+00	7.03E-04	1.32E-03	4.76E-04	0.00E+00	3.54E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
334	Robinson 1	678434.8	4860943.1	5.51E-03	3.30E-04	0.00E+00	6.05E-03	3.30E-04	6.30E-03	0.00E+00	7.04E-04	1.32E-03	4.92E-04	0.00E+00	3.56E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.11	0.09	0.23	0.48	10.01	1.81	0.55	
335	Robinson 2	677752.6	4861240.6	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.69E-04	0.00E+00	3.53E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
336	Robinson 3	677642.2	4861787.2	5.44E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.26E-04	0.00E+00	3.46E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
337	Robinson 4	678532.7	4862143.6	5.48E-03	3.30E-04	0.00E+00	6.03E-03	3.30E-04	6.29E-03	0.00E+00	7.02E-04	1.32E-03	4.70E-04	0.00E+00	3.53E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.10	0.09	0.23	0.48	10.01	1.81	0.55	
338	Robinson 5	678005.1	4862784.9	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.15E-04	0.00E+00	3.44E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55	
339	Robinson 6	677882.7	4860587.7	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.00E-04	1.32E-03	4.54E-04	0.00E+00	3.50E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.82	0.09	0.08	0.22	0.48	10.01	1.81	0.55	
340	F/B 1	677443.1	4867862.1	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.74E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
341	F/B 2	679667.4	4866611.4	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.74E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
342	F/B 3	678655.0	4867470.1	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.60E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
343	F/B 4	676191.2	4866844.7	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.58E-04	0.00E+00	3.34E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
344	F/B 5	678273.3	4866093.0	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.83E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
345	F/B 6	681241.2	4867098.8	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.68E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
346	F/B 7	682165.3	4868082.3	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.60E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
347	F/B 8	679366.6	4868628.3	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.65E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
348	F/B 9	680310.1	4869967.1	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
349	F/B 10	676487.3	4869291.6	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.59E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
350	F/B 11	676851.4	4865409.3	5.37E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.68E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
351	F/B 12	681153.3	4868682.2	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.60E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55	
352	F/B 13	675416.3	4859833.9	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.27E-03	0.00E+00	6.93E-04	1.32E-03	3.82E-04	0.00E+00	3.38E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55	
353	Second 1	675153.4	4860552.8	5.42E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.96E-04	1.32E-03	4.12E-04	0.00E+00	3.43E-04	3.30E-04	3.30E-04	4.29	11.43	0.20	28.81	0.08	0.08						

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2-methyl-naphthalene	1-methyl-naphthalene	9-methyl-naphthalene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromothane	Butadiene, 1,3-	Butanone, 2-	Carbon tetrachloride	Chloroform
		(m)	(m)	5.09E-05			3.96E-05	1.41E-07	8.85E-06		4.70E-06			4.66E-05		7.66E-06				4.97E-08			2.90E-03	0.02	4.74E-03	3.37E-03			2.96E-05
372	Westside 1	686082.6	4862776.6	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.02E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55
373	Westside 2	685778.7	4862137.9	5.40E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.90E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55
374	Westside 3	685084.2	4862827.4	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.93E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55
375	Darlington 1	680977.5	4865674.4	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.93E-04	1.32E-03	3.84E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55
376	Darlington 2	680913.9	4863967.1	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.19E-04	0.00E+00	3.44E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55
377	Darlington 3	682602.8	4863659.6	5.43E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.97E-04	1.32E-03	4.23E-04	0.00E+00	3.45E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55
378	Darlington 4	682206.4	4862910.4	5.44E-03	3.30E-04	0.00E+00	5.99E-03	3.30E-04	6.28E-03	0.00E+00	6.98E-04	1.32E-03	4.26E-04	0.00E+00	3.46E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.08	0.08	0.22	0.48	10.01	1.81	0.55
379	Darlington 5	683223.2	4861114.0	5.41E-03	3.30E-04	0.00E+00	5.98E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.04E-04	0.00E+00	3.42E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55
380	Darlington 6	683947.7	4862362.0	5.41E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.95E-04	1.32E-03	4.00E-04	0.00E+00	3.41E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55
381	Darlington 7	685361.9	4861143.4	5.40E-03	3.30E-04	0.00E+00	5.97E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.94E-04	0.00E+00	3.40E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55
382	Bennett ECO/HH	688606.4	4862634.8	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.66E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55
383	Oshawa ECO/HH	673884.9	4859128.9	5.39E-03	3.30E-04	0.00E+00	5.96E-03	3.30E-04	6.28E-03	0.00E+00	6.94E-04	1.32E-03	3.88E-04	0.00E+00	3.39E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.07	0.08	0.22	0.48	10.01	1.81	0.55
384	Oshawa Creek 1	671671.2	4862793.7	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.64E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55
385	Oshawa Creek 2	671668.5	4861589.5	5.36E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.60E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55
386	Oshawa Creek 3	672820.2	4861287.2	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.62E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.07	0.22	0.48	10.01	1.81	0.55
387	Oshawa Creek 4	672360.3	4860262.6	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55
388	Oshawa Creek 5	673921.2	4860115.0	5.38E-03	3.30E-04	0.00E+00	5.95E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.73E-04	0.00E+00	3.37E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55
389	Oshawa Creek 6	673154.0	4859421.9	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.92E-04	1.32E-03	3.67E-04	0.00E+00	3.36E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55
390	Farmer	677409.8	4861051.4	5.47E-03	3.30E-04	0.00E+00	6.02E-03	3.30E-04	6.29E-03	0.00E+00	7.01E-04	1.32E-03	4.60E-04	0.00E+00	3.51E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.82	0.09	0.09	0.22	0.48	10.01	1.81	0.55
391	Commercial Market	688276.3	4864698.5	5.37E-03	3.30E-04	0.00E+00	5.94E-03	3.30E-04	6.27E-03	0.00E+00	6.91E-04	1.32E-03	3.63E-04	0.00E+00	3.35E-04	3.30E-04	3.30E-04		4.29	11.43	0.20	28.81	0.06	0.08	0.22	0.48	10.01	1.81	0.55



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethene, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																								
				0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75			
1	Campground 10	678526.8	4859996.8	0.17	0.02	7.90	0.16	0.02	6.27E-03	3.14	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.94	0.00E+00	0.00E+00	
2	ECO 2	675490.4	4860360.1	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
3	Recreational 5	681642.0	4860349.3	0.17	0.02	7.93	0.16	0.02	6.45E-03	3.19	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.34	1.97	0.04	12.14	0.00E+00	0.00E+00	
4	ECO 4	676831.5	4859840.9	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
5	Bow. Valley Cons. 3	685767.2	4863879.0	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
6	ECO 6	679647.8	4859989.3	0.17	0.02	7.91	0.16	0.02	6.30E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.98	0.00E+00	0.00E+00	
7	ECO 7	681578.8	4862070.1	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90	0.00E+00	0.00E+00	
8	ECO 8	679735.5	4861048.6	0.17	0.02	7.92	0.16	0.02	6.42E-03	3.18	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.33	1.97	0.04	12.10	0.00E+00	0.00E+00	
9	ECO 9	687219.7	4864249.3	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
10	ECO 10	686519.0	4861987.6	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
11	ECO 11	679870.4	4859737.9	0.17	0.02	7.90	0.16	0.02	6.25E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.92	0.00E+00	0.00E+00	
12	Recreational 4	681575.5	4860557.7	0.17	0.02	7.94	0.16	0.02	6.52E-03	3.21	0.05	3.03	0.01	8.27	0.90	5.64	1.20	23.10	0.28	1.31	5.36	1.97	0.05	12.21	0.00E+00	0.00E+00	
13	Future Industrial 9	680704.5	4859857.8	0.17	0.02	7.92	0.16	0.02	6.41E-03	3.18	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.09	0.00E+00	0.00E+00	
14	Future Industrial 10	680608.0	4860719.6	0.17	0.02	7.94	0.16	0.02	6.50E-03	3.21	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.35	1.97	0.05	12.19	0.00E+00	0.00E+00	
15	Harmony Creek	673992.4	4865641.4	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
16	Farewell Creek	678079.2	4868822.7	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
17	Farmer	681378.6	4860335.0	0.17	0.02	7.92	0.16	0.02	6.41E-03	3.18	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.09	0.00E+00	0.00E+00	
18	Watson Farm	682883.4	4864219.7	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
19	Racanski Farm	678929.2	4865530.2	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
20	Zoo	687216.8	4864835.3	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
21	Cedar Crest Beach	686652.1	4861660.9	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
22	Darlington Prov Park Beach	677844.6	4859718.2	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
23	OPG 1	682258.1	4860045.0	0.17	0.02	7.90	0.16	0.02	6.25E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.92	0.00E+00	0.00E+00	
24	OPG 2	682551.4	4859889.1	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
25	OPG 3	682824.6	4859759.3	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
26	OPG 4	683021.6	4859937.3	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
27	OPG 5	683318.2	4859677.8	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85	0.00E+00	0.00E+00	
28	OPG 6	683306.9	4860023.0	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.88	0.00E+00	0.00E+00	
29	OPG 7	683718.6	4859915.8	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
30	OPG 8	682702.0	4859998.6	0.17	0.02	7.89	0.16	0.02	6.21E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.26	1.97	0.02	11.88	0.00E+00	0.00E+00	
31	OPG 9	684347.7	4861184.6	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
32	OPG 10	682157.2	4861228.2	0.17	0.02	7.90	0.16	0.02	6.28E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.96	0.00E+00	0.00E+00	
33	St. Mary's 1	684557.0	4861070.0	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
34	St. Mary's 2	684657.3	4861320.8	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
35	St. Mary's 3	684905.3	4861154.4	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
36	Court. Subdivision 1	677328.4	4862976.1	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
37	Court. Subdivision 2	676187.9	4862611.1	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
38	Court. Subdivision 3	675974.8	4863484.1	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
39	Court. Subdivision 4	676606.1	4863214.1	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02				



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethene, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																								
				0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.06	1.34E-04	4.60E-05	0.02		4.08E-03	0.06			
54	Bow. Subdivision 9	684777.3	4863330.5	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
55	Bow. Subdivision 10	685266.0	4863243.1	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90		0.00E+00	0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86		0.00E+00	0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85		0.00E+00	0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82		0.00E+00	0.00E+00
67	Daycare B	685172.4	4863933.1	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
68	Daycare C	685452.0	4863104.4	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
69	Daycare D	685527.7	4864693.3	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
70	Daycare E	685735.4	4864790.8	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
71	Daycare F	685520.3	4864854.3	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
72	Daycare G	685441.9	4864878.0	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
73	Daycare H	686364.8	4864707.8	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
74	Daycare I	685721.6	4865127.3	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
75	Daycare J	678256.3	4863565.4	0.17	0.02	7.91	0.16	0.02	6.31E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.30	1.97	0.03	11.99		0.00E+00	0.00E+00
76	Daycare K	677694.1	4864043.7	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84		0.00E+00	0.00E+00
77	Daycare L	676479.5	4862526.2	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87		0.00E+00	0.00E+00
78	Daycare M	678320.9	4864763.5	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
79	Daycare N	678513.4	4865058.0	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
80	Daycare O	672788.7	4863936.6	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81		0.00E+00	0.00E+00
81	Daycare P	673952.8	4863592.5	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
82	Daycare Q	671751.8	4864887.7	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
83	Daycare R	685714.4	4864667.4	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
84	Daycare S	684177.9	4863618.2	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
85	Daycare T	678423.6	4864480.4	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
86	Daycare U	685330.5	4863435.1	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
87	Daycare V	685153.2	4863236.9	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83		0.00E+00	0.00E+00
88	Daycare W	672679.0	4862044.9	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
89	Daycare X	672076.5	4865285.8	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79		0.00E+00	0.00E+00
90	Daycare Y	672638.0	4859664.4	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78		0.00E+00	0.00E+00
91	Daycare Z	673735.9	4858958.0	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80		0.00E+00	0.00E+00
92	Daycare AA	673121.8	4																								

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethene, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																								
				0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75			
107	Daycare PP	674794.5	4864915.4	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
108	Hospital	686324.2	4864395.8	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
109	Hospital (Children's)	676057.8	4862180.9	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
110	Hospital	671233.2	4863615.9	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
111	Comm. Resp. Services	676045.4	4863902.5	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
112	Hospital	671712.7	4862364.1	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
113	Retirement Residence A	684199.9	4864120.3	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
114	Retirement Residence B	685483.9	4865150.9	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
115	Retirement Residence C	686844.0	4864732.1	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
116	Retirement Residence D	673481.7	4863343.4	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
117	Retirement Residence E	671825.2	4864399.0	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
118	Retirement Residence F	671606.3	4864536.0	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
119	Retirement Residence G	671357.1	4862958.7	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
120	Retirement Residence H	671514.0	4862262.9	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
121	Retirement Residence I	672602.2	4863075.9	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
122	Retirement Residence J	671719.1	4862893.1	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
123	Retirement Residence K	686718.0	4865648.7	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
124	Retirement Residence L	676168.7	4865669.9	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
125	Retirement Residence M	676118.5	4863980.7	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
126	Bow. Subdivision 12	684649.2	4863182.7	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
127	Primary School B	685384.8	4863575.3	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
128	Primary School C	685021.6	4863952.9	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
129	Primary School D	686237.0	4864085.5	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
130	Primary School E	686719.0	4863734.7	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
131	Primary School F	686357.0	4864754.9	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
132	Primary School G	685502.0	4865013.4	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
133	Primary School H	686726.7	4866061.5	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
134	Primary School I	685186.2	4866568.2	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
135	Primary School J	685965.3	4866979.0	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
136	Primary School K	677709.9	4864726.5	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
137	Primary School L	675988.3	4864270.2	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
138	Primary School M	676608.7	4862739.0	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
139	Primary School N	677222.2	4863759.1	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90	0.00E+00	0.00E+00	
140	Primary School O	678154.9	4863872.7	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
141	Court. Subdivision 12	678309.6	4863600.8	0.17	0.02	7.91	0.16	0.02	6.30E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.97	0.00E+00	0.00E+00	
142	Primary School Q	677010.6	4862470.6	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
143	Primary School R	677431.3	4866694.7	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
144	Primary School S	675266.2	4863562.9	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
145	Primary School T	673479.2	4860029.4	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.						

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethene, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																								
				0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75			
160	Primary School II	672616.7	4862114.9	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
161	Primary School JJ	673567.2	4861899.5	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
162	Primary School KK	671791.0	4861954.2	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
163	Primary School LL	673762.3	4864210.6	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
164	Primary School MM	672238.8	4864621.3	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
165	Primary School NN	673213.6	4858677.0	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
166	Primary School OO	675474.8	4863221.7	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
167	Primary School PP	672441.8	4858748.6	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
168	Primary School QQ	672796.8	4864438.2	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
169	Primary School RR	671351.4	4863284.0	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
170	Primary School SS	673213.9	4862125.5	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
171	Primary School TT	671017.9	4860953.7	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
172	Primary School UU	670991.0	4861089.8	0.17	0.02	7.88	0.16	0.02	6.11E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.02	11.77	0.00E+00	0.00E+00	
173	Primary School VV	674150.1	4862294.8	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
174	Primary School WW	672005.2	4861707.9	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
175	Primary School XX	684172.1	4863615.6	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
176	Primary School YY	683923.3	4866636.4	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
177	Primary School ZZ	680446.0	4865770.5	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
178	Vacant School	685612.9	4864520.0	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
179	Secondary School A	686291.4	4865064.3	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
180	Secondary School B	683875.0	4864741.7	0.17	0.02	7.89	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
181	Secondary School C	684650.3	4864660.3	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
182	Secondary School D	678099.5	4864838.2	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81	0.00E+00	0.00E+00	
183	Secondary School E	678467.0	4863431.2	0.17	0.02	7.90	0.16	0.02	6.25E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.92	0.00E+00	0.00E+00	
184	Secondary School F	674144.9	4862762.7	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
185	Secondary School G	673816.0	4864357.1	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
186	Secondary School H	673145.4	4858569.0	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
187	Secondary School I	671291.7	4863581.3	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
188	Secondary School J	671443.2	4861664.9	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
189	Secondary School K	673235.3	4860885.0	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
190	Secondary School L	684252.7	4866500.5	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
191	Secondary School M	673914.1	4859551.7	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
192	Secondary School N	675051.5	4864177.2	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
193	Adult School	685276.1	4866019.8	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
194	Bow. Valley Cons. 1	685356.6	4864521.2	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
195	Bow. Valley Cons. 2	685627.7	4864167.8	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
196	Bow. Valley Cons. 4	685852.7	4863640.2	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
197	Bow. Valley Cons. 5	686163.1	4863621.5	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
198	Bow. Valley Cons. 6	685931.9	4863380.6	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24</						

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethene, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																								
				0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.23	1.97	0.01	11.75			
213	Port Darlington 5	686406.8	4861448.7	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
214	Port Darlington 6	686504.5	4861604.0	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
215	Port Darlington 7	686703.0	4861789.3	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
216	Port Darlington 8	686895.8	4861960.2	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
217	Port Darlington 9	686867.4	4862119.7	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
218	Port Darlington 10	687190.7	4862048.8	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
219	Port Darlington 11	687524.4	4862126.8	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
220	Campground 1	678646.3	4860337.7	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91	0.00E+00	0.00E+00	
221	Campground 2	678410.2	4860148.6	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91	0.00E+00	0.00E+00	
222	Campground 3	678651.0	4860054.4	0.17	0.02	7.90	0.16	0.02	6.27E-03	3.14	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.94	0.00E+00	0.00E+00	
223	Campground 4	678725.9	4859860.7	0.17	0.02	7.90	0.16	0.02	6.26E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93	0.00E+00	0.00E+00	
224	Campground 5	678511.1	4859808.6	0.17	0.02	7.90	0.16	0.02	6.25E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93	0.00E+00	0.00E+00	
225	Campground 6	678869.5	4859696.0	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
226	Campground 7	678723.9	4860201.8	0.17	0.02	7.90	0.16	0.02	6.26E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93	0.00E+00	0.00E+00	
227	Campground 8	678796.0	4860011.4	0.17	0.02	7.90	0.16	0.02	6.28E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.95	0.00E+00	0.00E+00	
228	Campground 9	678852.7	4859854.2	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91	0.00E+00	0.00E+00	
229	Solina 1	681099.6	4861677.2	0.17	0.02	7.91	0.16	0.02	6.31E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.98	0.00E+00	0.00E+00	
230	Solina 2	681115.7	4861857.7	0.17	0.02	7.90	0.16	0.02	6.26E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93	0.00E+00	0.00E+00	
231	Solina 3	680987.4	4861983.5	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90	0.00E+00	0.00E+00	
232	Solina 4	680965.0	4862068.1	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
233	Solina 5	681021.5	4862086.7	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90	0.00E+00	0.00E+00	
234	Solina 6	680939.8	4862124.3	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90	0.00E+00	0.00E+00	
235	Solina 7	680988.2	4862183.6	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
236	Solina 8	680984.6	4862209.8	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.90	0.00E+00	0.00E+00	
237	Solina 9	680958.6	4862294.9	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.90	0.00E+00	0.00E+00	
238	Solina 10	680858.0	4862324.3	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
239	Solina 11	680990.3	4862403.5	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
240	Recreational 1	681545.0	4860865.0	0.17	0.02	7.91	0.16	0.02	6.29E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.97	0.00E+00	0.00E+00	
241	Recreational 2	681563.7	4860687.4	0.17	0.02	7.93	0.16	0.02	6.45E-03	3.19	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.34	1.97	0.04	12.13	0.00E+00	0.00E+00	
242	Recreational 3	681579.7	4860610.0	0.17	0.02	7.94	0.16	0.02	6.50E-03	3.21	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.35	1.97	0.05	12.19	0.00E+00	0.00E+00	
243	Recreational 6	681876.6	4860254.4	0.17	0.02	7.92	0.16	0.02	6.36E-03	3.16	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.04	0.00E+00	0.00E+00	
244	Recreational 7	682166.9	4860324.4	0.17	0.02	7.91	0.16	0.02	6.29E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.97	0.00E+00	0.00E+00	
245	Darlington 1	679565.4	4861052.9	0.17	0.02	7.92	0.16	0.02	6.42E-03	3.18	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.33	1.97	0.04	12.10	0.00E+00	0.00E+00	
246	Darlington 2	679452.9	4861051.4	0.17	0.02	7.92	0.16	0.02	6.37E-03	3.17	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.05	0.00E+00	0.00E+00	
247	Darlington 3	679130.5	4860948.8	0.17	0.02	7.91	0.16	0.02	6.30E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.98	0.00E+00	0.00E+00	
248	Darlington 4	679112.6	4860941.9	0.17	0.02	7.91	0.16	0.02	6.31E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.98	0.00E+00	0.00E+00	
249	Darlington 5	679057.6	4860994.1	0.17	0.02	7.91	0.16	0.02	6.29E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.97	0.00E+00	0.00E+00	
250	Darlington 6	679075.2	4860931.6	0.17	0.02	7.91	0.16	0.02	6.31E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.98	0.00E+00	0.00E+00	
251	Darlington 7	678814.3	4860843.1	0.17	0.02	7.91	0.16	0.02	6.30E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0								



Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethene, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																								
				0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75			
266	Future Industrial 8	680398.0	4860731.8	0.17	0.02	7.94	0.16	0.02	6.51E-03	3.21	0.05	3.03	0.01	8.27	0.90	5.64	1.20	23.10	0.28	1.31	5.36	1.97	0.05	12.20	0.00E+00	0.00E+00	
267	Future Industrial 1	680359.6	4859959.2	0.17	0.02	7.92	0.16	0.02	6.37E-03	3.17	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.05	0.00E+00	0.00E+00	
268	Future Industrial 2	680083.7	4859985.7	0.17	0.02	7.92	0.16	0.02	6.38E-03	3.17	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.06	0.00E+00	0.00E+00	
269	Future Industrial 3	680819.9	4860705.3	0.17	0.02	7.93	0.16	0.02	6.46E-03	3.20	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.34	1.97	0.04	12.15	0.00E+00	0.00E+00	
270	Future Industrial 4	681070.0	4859937.2	0.17	0.02	7.91	0.16	0.02	6.30E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.98	0.00E+00	0.00E+00	
271	Future Industrial 5	679898.8	4860067.4	0.17	0.02	7.92	0.16	0.02	6.39E-03	3.17	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.09	0.28	1.31	5.32	1.97	0.04	12.07	0.00E+00	0.00E+00	
272	Future Industrial 6	680134.8	4860694.1	0.17	0.02	7.93	0.16	0.02	6.44E-03	3.19	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.33	1.97	0.04	12.12	0.00E+00	0.00E+00	
273	Future Industrial 11	680253.7	4860255.2	0.17	0.02	7.95	0.16	0.02	6.57E-03	3.23	0.05	3.03	0.01	8.27	0.90	5.64	1.20	23.11	0.28	1.31	5.37	1.97	0.05	12.27	0.00E+00	0.00E+00	
274	Future Industrial 12	679901.2	4860511.8	0.17	0.02	7.92	0.16	0.02	6.38E-03	3.17	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.06	0.00E+00	0.00E+00	
275	Commercial Farmer	679867.8	4860445.4	0.17	0.02	7.93	0.16	0.02	6.44E-03	3.19	0.05	3.03	0.01	8.26	0.90	5.64	1.20	23.10	0.28	1.31	5.34	1.97	0.04	12.13	0.00E+00	0.00E+00	
276	Farmer	679277.0	4859981.5	0.17	0.02	7.90	0.16	0.02	6.27E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.95	0.00E+00	0.00E+00	
277	Residence	679387.2	4860648.9	0.17	0.02	7.90	0.16	0.02	6.28E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.95	0.00E+00	0.00E+00	
278	Barn	679261.9	4860574.2	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.92	0.00E+00	0.00E+00	
279	Residence	680150.7	4861295.7	0.17	0.02	7.91	0.16	0.02	6.34E-03	3.16	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.02	0.00E+00	0.00E+00	
280	Residence	679939.8	4861213.4	0.17	0.02	7.91	0.16	0.02	6.30E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.97	0.00E+00	0.00E+00	
281	Farmer	680855.7	4861456.9	0.17	0.02	7.92	0.16	0.02	6.36E-03	3.17	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.31	1.97	0.04	12.04	0.00E+00	0.00E+00	
282	Farmer	681386.2	4861673.3	0.17	0.02	7.91	0.16	0.02	6.31E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.99	0.00E+00	0.00E+00	
283	Residence	680683.5	4861597.9	0.17	0.02	7.90	0.16	0.02	6.29E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.96	0.00E+00	0.00E+00	
284	Business	680064.3	4861343.7	0.17	0.02	7.91	0.16	0.02	6.31E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.99	0.00E+00	0.00E+00	
285	Farmer	679680.1	4861213.5	0.17	0.02	7.91	0.16	0.02	6.33E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.09	0.28	1.31	5.30	1.97	0.03	12.00	0.00E+00	0.00E+00	
286	Farmer	681344.8	4861792.9	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91	0.00E+00	0.00E+00	
287	Youth Centre	685644.2	4864814.8	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
288	Bowmanville Arena	685462.9	4864615.2	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
289	Bowmanville Rec Complex	684160.3	4864604.5	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
290	Recreation Complex	684586.6	4862406.3	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
291	Superdog Central	681487.7	4865723.3	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
292	Equestrian Centre	681567.1	4863670.7	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90	0.00E+00	0.00E+00	
293	Flea Market	678574.6	4862819.4	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
294	Equestrian Centre	680030.8	4867320.2	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
295	Courtice Community Complex	678099.3	4864629.8	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
296	Former Restaurant	679830.2	4860702.2	0.17	0.02	7.90	0.16	0.02	6.28E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.96	0.00E+00	0.00E+00	
297	Commercial	679364.8	4861016.0	0.17	0.02	7.91	0.16	0.02	6.31E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.99	0.00E+00	0.00E+00	
298	GM Oshawa Headquarters	676418.3	4860463.7	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
299	Farm A?	682972.3	4862201.9	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.87	0.00E+00	0.00E+00	
300	Farm B?	683546.9	4861959.7	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
301	Farm C?	682547.5	4862321.1	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
302	Farm D?	683238.3	4862393.3	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
303	Farm E?	682512.6	4862858.0	0.17	0.02	7.89	0.16	0.02	6.22E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.02	11.89	0.00E+00	0.00E+00	
304	Farm F?	683129.1	4863649.4	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.			

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethene, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)																								
				0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.06	1.34E-04	4.60E-05	0.02		4.08E-03	0.06			
319	Soper 7	685683.2	4867148.1	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
320	Soper 8	686748.7	4865874.7	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
321	Bowmanville 1	687026.3	4862368.4	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
322	Bowmanville 2	686625.7	4863020.3	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
323	Bowmanville 3	683380.3	4865365.9	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
324	Bowmanville 4	683111.4	4867150.3	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
325	Bowmanville 5	682452.2	4869417.5	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
326	Bowmanville 6	684778.5	4864888.2	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
327	Bowmanville 7	684549.5	4866404.4	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
328	Upper Tooley 1	679944.8	4864883.1	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
329	Upper Tooley 2	679055.1	4863885.8	0.17	0.02	7.90	0.16	0.02	6.26E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93	0.00E+00	0.00E+00	
330	Upper Tooley 3	679714.0	4862767.4	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
331	Upper Tooley 4	678898.8	4861800.6	0.17	0.02	7.90	0.16	0.02	6.26E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93	0.00E+00	0.00E+00	
332	Upper Tooley 5	680353.5	4862156.5	0.17	0.02	7.91	0.16	0.02	6.30E-03	3.15	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.29	1.97	0.03	11.97	0.00E+00	0.00E+00	
333	Upper Tooley 6	679818.1	4861625.7	0.17	0.02	7.90	0.16	0.02	6.25E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.93	0.00E+00	0.00E+00	
334	Robinson 1	678434.8	4860943.1	0.17	0.02	7.90	0.16	0.02	6.27E-03	3.14	0.05	3.03	0.01	8.25	0.90	5.64	1.20	23.08	0.28	1.31	5.28	1.97	0.03	11.94	0.00E+00	0.00E+00	
335	Robinson 2	677752.6	4861240.6	0.17	0.02	7.90	0.16	0.02	6.24E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.92	0.00E+00	0.00E+00	
336	Robinson 3	677642.2	4861787.2	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
337	Robinson 4	678532.7	4862143.6	0.17	0.02	7.90	0.16	0.02	6.25E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.92	0.00E+00	0.00E+00	
338	Robinson 5	678005.1	4862784.9	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.85	0.00E+00	0.00E+00	
339	Robinson 6	677882.7	4860587.7	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.12	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.90	0.00E+00	0.00E+00	
340	F/B 1	677443.1	4867862.1	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
341	F/B 2	679667.4	4866611.4	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
342	F/B 3	678655.0	4867470.1	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
343	F/B 4	676191.2	4866844.7	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
344	F/B 5	678273.3	4866093.0	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
345	F/B 6	681241.2	4867098.8	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
346	F/B 7	682165.3	4868082.3	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
347	F/B 8	679366.6	4868628.3	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
348	F/B 9	680310.1	4869967.1	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
349	F/B 10	676487.3	4869291.6	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
350	F/B 11	676851.4	4865409.3	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
351	F/B 12	681153.3	4868682.2	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
352	F/B 13	675416.3	4859833.9	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.81	0.00E+00	0.00E+00	
353	Second 1	675153.4	4860552.8	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85	0.00E+00	0.00E+00	
354	Second 2	675297.5	4860891.3	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.85	0.00E+00	0.00E+00	
355	Second 3	675647.2	4860644.9	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
356	Second 4	675670.5	4860076.5	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
357	Second 5	676043.3	4860319.1	0.17	0.02	7.89	0.16	0.02	6.18E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07									

Appendix F - 9: Predicted Hourly Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N		Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethene, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethane, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)			8.15E-03		5.29E-05	0.02				9.69E-05	2.78E-05	4.44E-03												
				0.17	0.02	7.87	0.16	0.02	6.09E-03	3.08	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.06	0.28	1.31	5.23	1.97	0.01	11.75			
372	Westside 1	686082.6	4862776.6	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
373	Westside 2	685778.7	4862137.9	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
374	Westside 3	685084.2	4862827.4	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
375	Darlington 1	680977.5	4865674.4	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.81	0.00E+00	0.00E+00	
376	Darlington 2	680913.9	4863967.1	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
377	Darlington 3	682602.8	4863659.6	0.17	0.02	7.89	0.16	0.02	6.19E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
378	Darlington 4	682206.4	4862910.4	0.17	0.02	7.89	0.16	0.02	6.20E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.26	1.97	0.02	11.86	0.00E+00	0.00E+00	
379	Darlington 5	683223.2	4861114.0	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.11	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.84	0.00E+00	0.00E+00	
380	Darlington 6	683947.7	4862362.0	0.17	0.02	7.89	0.16	0.02	6.17E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
381	Darlington 7	685361.9	4861143.4	0.17	0.02	7.88	0.16	0.02	6.16E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.83	0.00E+00	0.00E+00	
382	Bennett ECO/HH	688606.4	4862634.8	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
383	Oshawa ECO/HH	673884.9	4859128.9	0.17	0.02	7.88	0.16	0.02	6.15E-03	3.10	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.07	0.28	1.31	5.25	1.97	0.02	11.82	0.00E+00	0.00E+00	
384	Oshawa Creek 1	671671.2	4862793.7	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
385	Oshawa Creek 2	671668.5	4861589.5	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.78	0.00E+00	0.00E+00	
386	Oshawa Creek 3	672820.2	4861287.2	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
387	Oshawa Creek 4	672360.3	4860262.6	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
388	Oshawa Creek 5	673921.2	4860115.0	0.17	0.02	7.88	0.16	0.02	6.14E-03	3.10	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.80	0.00E+00	0.00E+00	
389	Oshawa Creek 6	673154.0	4859421.9	0.17	0.02	7.88	0.16	0.02	6.13E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	
390	Farmer	677409.8	4861051.4	0.17	0.02	7.90	0.16	0.02	6.23E-03	3.13	0.05	3.03	0.01	8.24	0.90	5.64	1.20	23.08	0.28	1.31	5.27	1.97	0.03	11.91	0.00E+00	0.00E+00	
391	Commercial Market	688276.3	4864698.5	0.17	0.02	7.88	0.16	0.02	6.12E-03	3.09	0.05	3.03	0.01	8.23	0.90	5.64	1.20	23.07	0.28	1.31	5.24	1.97	0.02	11.79	0.00E+00	0.00E+00	



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05
					Background Concentration (ug/m3)	19.30			58.22	1030.00					2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	0.08	
1	Campground 10	678526.8	4859996.8		20.72	0.36	0.04	63.13	1031.82	0.64	21.07	36.03	0.22	1.99		2.62E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08
2	ECO 2	675490.4	4860360.1		20.15	0.22	0.02	61.15	1031.09	0.44	20.87	35.82	0.13	1.19		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
3	Recreational 5	681642.0	4860349.3		21.61	0.59	0.06	66.20	1032.97	0.70	21.14	36.09	0.36	3.23		2.77E-08	4.68E-05		0.22	3.20E-03	1.84E-03	8.32E-03	3.24E-04	0.09
4	ECO 4	676831.5	4859840.9		21.07	0.45	0.05	64.33	1032.27	0.52	20.96	35.91	0.27	2.48		2.68E-08	4.57E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	0.08
5	Bow. Valley Cons. 3	685767.2	4863879.0		20.08	0.20	0.02	60.93	1031.01	0.30	20.73	35.68	0.12	1.10		2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
6	ECO 6	679647.8	4859989.3		20.91	0.41	0.04	63.79	1032.07	0.78	21.22	36.17	0.25	2.25		2.65E-08	4.53E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	0.08
7	ECO 7	681578.8	4862070.1		21.13	0.47	0.05	64.55	1032.35	0.76	21.19	36.14	0.28	2.56		2.69E-08	4.58E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	0.08
8	ECO 8	679735.5	4861048.6		22.73	0.88	0.09	70.09	1034.41	1.29	21.72	36.67	0.53	4.80		2.96E-08	4.91E-05		0.22	3.29E-03	1.85E-03	8.39E-03	3.35E-04	0.09
9	ECO 9	687219.7	4864249.3		20.01	0.18	0.02	60.68	1030.92	0.26	20.70	35.65	0.11	1.00		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08
10	ECO 10	686519.0	4861987.6		20.06	0.20	0.02	60.85	1030.98	0.32	20.75	35.70	0.12	1.07		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
11	ECO 11	679870.4	4859737.9		21.02	0.44	0.04	64.18	1032.21	0.72	21.15	36.11	0.27	2.41		2.67E-08	4.56E-05		0.21	3.15E-03	1.83E-03	8.29E-03	3.18E-04	0.08
12	Recreational 4	681575.5	4860557.7		21.02	0.44	0.04	64.18	1032.22	0.68	21.11	36.06	0.27	2.41		2.67E-08	4.56E-05		0.21	3.15E-03	1.83E-03	8.29E-03	3.18E-04	0.08
13	Future Industrial 9	680704.5	4859857.8		20.91	0.41	0.04	63.77	1032.06	0.71	21.14	36.09	0.25	2.25		2.65E-08	4.53E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	0.08
14	Future Industrial 10	680608.0	4860719.6		22.12	0.73	0.07	67.98	1033.63	1.04	21.48	36.43	0.44	3.95		2.86E-08	4.78E-05		0.22	3.24E-03	1.84E-03	8.35E-03	3.29E-04	0.09
15	Harmony Creek	673992.4	4865641.4		20.11	0.21	0.02	61.02	1031.04	0.31	20.74	35.69	0.12	1.13		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
16	Farewell Creek	678079.2	4868822.7		19.93	0.16	0.02	60.40	1030.81	0.49	20.93	35.88	0.10	0.88		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
17	Farmer	681378.6	4860335.0		21.77	0.63	0.06	66.75	1033.17	0.74	21.17	36.13	0.38	3.45		2.80E-08	4.71E-05		0.22	3.21E-03	1.84E-03	8.33E-03	3.26E-04	0.09
18	Watson Farm	682883.4	4864219.7		20.91	0.41	0.04	63.78	1032.07	0.45	20.89	35.84	0.25	2.25		2.65E-08	4.53E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	0.08
19	Racanski Farm	678929.2	4865530.2		20.39	0.28	0.03	62.00	1031.41	0.51	20.94	35.90	0.17	1.53		2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08
20	Zoo	687216.8	4864835.3		19.90	0.15	0.02	60.28	1030.77	0.26	20.69	35.64	0.09	0.83		2.48E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
21	Cedar Crest Beach	686652.1	4861660.9		20.50	0.31	0.03	62.36	1031.54	0.33	20.76	35.72	0.18	1.67		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08
22	Darlington Prov Park Beach	677844.6	4859718.2		20.93	0.42	0.04	63.86	1032.10	0.52	20.95	35.90	0.25	2.28		2.65E-08	4.54E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.18E-04	0.08
23	OPG 1	682258.1	4860045.0		21.31	0.52	0.05	65.18	1032.59	0.57	21.00	35.95	0.31	2.82		2.72E-08	4.62E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	0.08
24	OPG 2	682551.4	4859889.1		20.80	0.38	0.04	63.39	1031.92	0.48	20.91	35.87	0.23	2.09		2.63E-08	4.51E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08
25	OPG 3	682824.6	4859759.3		20.61	0.34	0.03	62.74	1031.68	0.45	20.88	35.83	0.20	1.83		2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	0.08
26	OPG 4	683021.6	4859937.3		20.68	0.36	0.04	63.00	1031.78	0.44	20.88	35.83	0.21	1.93		2.61E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04	0.08
27	OPG 5	683318.2	4859677.8		20.36	0.27	0.03	61.88	1031.36	0.40	20.84	35.79	0.16	1.48		2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08
28	OPG 6	683306.9	4860023.0		20.65	0.35	0.03	62.87	1031.73	0.45	20.88	35.83	0.21	1.88		2.60E-08	4.48E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	0.08
29	OPG 7	683718.6	4859915.8		20.30	0.26	0.03	61.69	1031.29	0.42	20.85	35.81	0.15	1.40		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	0.08
30	OPG 8	682702.0	4859998.6		20.95	0.42	0.04	63.93	1032.12	0.48	20.91	35.86	0.25	2.31		2.66E-08	4.54E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	0.08
31	OPG 9	684347.7	4861184.6		20.39	0.28	0.03	61.99	1031.40	0.38	20.81	35.77	0.17	1.53		2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08
32	OPG 10	682157.2	4861228.2		21.18	0.48	0.05	64.72	1032.42	0.63	21.06	36.02	0.29	2.63		2.70E-08	4.59E-05		0.21	3.16E-03	1.83E-03	8.30E-03	3.20E-04	0.08
33	St. Mary's 1	684557.0	4861070.0		20.63	0.34	0.03	62.80	1031.70	0.36	20.80	35.75	0.20	1.86		2.60E-08	4.48E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	0.08
34	St. Mary's 2	684657.3	4861320.8		20.29	0.25	0.03	61.65	1031.27	0.38	20.81	35.76	0.15	1.39		2.54E-08	4.41E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
35	St. Mary's 3	684905.3	4861154.4		20.59	0.33	0.03	62.67	1031.65	0.34	20.77	35.73	0.20	1.80		2.59E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	0.08
36	Court. Subdivision 1	677328.4	4862976.1		20.57	0.33	0.03	62.61	1031.63	0.84	21.28	36.23	0.20	1.78		2.59E-08	4.46E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	0.08
37	Court. Subdivision 2	676187.9	4862611.1		20.30	0.26	0.03	61.67	1031.28	0.38	20.81	35.77	0.15	1.39		2.54E-08	4.41E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.12E-04	0.08
38	Court. Subdivision 3	675974.8	4863484.1		19.90	0.16	0.02	60.31	1030.78	0.44	20.87	35.83	0.09	0.85		2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
39	Court. Subdivision 4	676606.1	4863214.1		20.26	0.25	0.02	61.53	1031.23	0.62	21.05	36.00	0.15	1.34		2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
40	Court. Subdivision 5	676827.1	4863591.4		20.37	0.28	0.03	61.93	1031.38	0.69	21.12	36.08	0.17	1.50		2.56E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08
41	Court. Subdivision 6	677200.4	4864074.9		20.27	0.25	0.02	61.57	1031.25	0.72	21.15	36.11	0.15	1.36		2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
42	Court. Subdivision 7	677719.8	4863625.1		20.35	0.27	0.03	61.85	1031.35	0.74	21.17	36.13	0.16	1.47		2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08
43	Court. Subdivision 8	678271.6	4864200.6		20.18	0.23	0.02	61.26	1031.13	0.58	21.02	35.97	0.14	1.23		2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04	0.08
44	Court. Subdivision 9	678184.4	4863373.6		20.22	0.24	0.02	61.40	1031.18	0.62	21.05	36.01	0.14	1.29		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
45	Court. Subdivision 10	677179.7	4862499.5		20.24	0.24	0.02	61.48	1031.21	0.78	21.21	36.17	0.15	1.32		2.53E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
46	Bow. Subdivision 1	683536.7	4864215.2		20.57	0.33	0.03	62.61	1031.63	0.41	20.84	35.												



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05
					Background Concentration (ug/m3)	19.30			58.22	1030.00		20.43			2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	0.08	
55	Bow. Subdivision 10	685266.0	4863243.1		20.21	0.23	0.02	61.37	1031.17	0.33	20.76	35.71	0.14	1.27	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08	
56	Osh/Court Subdivision 1	677396.8	4860977.3		21.39	0.54	0.05	65.44	1032.68	0.66	21.09	36.04	0.32	2.92	2.73E-08	4.63E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	0.09	
57	Osh/Court Subdivision 2	676633.5	4860816.8		20.42	0.29	0.03	62.10	1031.44	0.49	20.92	35.88	0.17	1.57	2.57E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.13E-04	0.08	
58	Osh/Court Subdivision 3	676916.0	4861925.0		20.31	0.26	0.03	61.71	1031.30	0.50	20.93	35.89	0.16	1.41	2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	0.08	
59	Osh/Court Subdivision 4	676730.5	4861317.1		20.97	0.43	0.04	63.98	1032.14	0.54	20.97	35.92	0.26	2.33	2.66E-08	4.55E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	0.08	
60	Osh/Court Subdivision 5	676087.2	4861392.3		20.48	0.30	0.03	62.29	1031.51	0.47	20.91	35.86	0.18	1.65	2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08	
61	Osh/Court Subdivision 6	676177.1	4861722.2		20.14	0.21	0.02	61.11	1031.07	0.48	20.91	35.86	0.13	1.17	2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
62	Osh/Court Subdivision 7	675670.7	4861783.2		20.13	0.21	0.02	61.09	1031.07	0.45	20.88	35.84	0.13	1.16	2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
63	Osh/Court Subdivision 8	676050.8	4862055.7		20.11	0.21	0.02	61.04	1031.05	0.42	20.85	35.81	0.13	1.14	2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
64	Osh/Court Subdivision 9	676636.9	4862134.3		20.18	0.23	0.02	61.26	1031.13	0.43	20.87	35.82	0.14	1.23	2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04	0.08	
65	Osh/Court Subdivision 10	685731.3	4861634.8		20.24	0.24	0.02	61.47	1031.21	0.50	20.94	35.89	0.14	1.32	2.53E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08	
66	Bow. Subdivision 11	684649.2	4863182.7		20.20	0.23	0.02	61.35	1031.16	0.36	20.79	35.75	0.14	1.26	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08	
67	Daycare B	685172.4	4863933.1		19.96	0.17	0.02	60.51	1030.85	0.32	20.75	35.71	0.10	0.93	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08	
68	Daycare C	685452.0	4863104.4		20.07	0.20	0.02	60.90	1031.00	0.32	20.75	35.70	0.12	1.08	2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08	
69	Daycare D	685527.7	4864693.3		20.14	0.22	0.02	61.14	1031.09	0.29	20.73	35.68	0.13	1.18	2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
70	Daycare E	685735.4	4864790.8		20.09	0.20	0.02	60.94	1031.01	0.28	20.72	35.67	0.12	1.10	2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
71	Daycare F	685520.3	4864854.3		20.16	0.22	0.02	61.18	1031.10	0.29	20.72	35.68	0.13	1.20	2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
72	Daycare G	685441.9	4864878.0		20.13	0.21	0.02	61.10	1031.07	0.29	20.73	35.68	0.13	1.17	2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
73	Daycare H	686364.8	4864707.8		19.84	0.14	0.01	60.08	1030.69	0.26	20.70	35.65	0.08	0.75	2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08	
74	Daycare I	685721.6	4865127.3		20.08	0.20	0.02	60.93	1031.01	0.28	20.71	35.67	0.12	1.10	2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
75	Daycare J	678256.3	4863565.4		20.23	0.24	0.02	61.45	1031.20	0.58	21.01	35.97	0.14	1.31	2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08	
76	Daycare K	677694.1	4864043.7		20.04	0.19	0.02	60.78	1030.95	0.70	21.14	36.09	0.11	1.03	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08	
77	Daycare L	676479.5	4862526.2		20.34	0.27	0.03	61.82	1031.34	0.46	20.89	35.85	0.16	1.46	2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08	
78	Daycare M	678320.9	4864763.5		20.01	0.18	0.02	60.69	1030.92	0.58	21.01	35.96	0.11	1.00	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08	
79	Daycare N	678513.4	4865058.0		19.91	0.16	0.02	60.34	1030.79	0.55	20.98	35.93	0.09	0.86	2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08	
80	Daycare O	672788.7	4863936.6		19.67	0.10	9.59E-03	59.51	1030.48	0.30	20.73	35.69	0.06	0.52	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08	
81	Daycare P	673952.8	4863592.5		19.79	0.13	0.01	59.91	1030.63	0.33	20.76	35.72	0.08	0.68	2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08	
82	Daycare Q	671751.8	4864887.7		19.64	0.09	8.70E-03	59.39	1030.43	0.28	20.71	35.67	0.05	0.47	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08	
83	Daycare R	685714.4	4864667.4		20.04	0.19	0.02	60.79	1030.95	0.29	20.72	35.67	0.11	1.04	2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08	
84	Daycare S	684177.9	4863618.2		20.50	0.31	0.03	62.36	1031.54	0.38	20.82	35.77	0.18	1.68	2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08	
85	Daycare T	678423.6	4864480.4		20.04	0.19	0.02	60.79	1030.95	0.56	20.99	35.94	0.11	1.04	2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08	
86	Daycare U	685330.5	4863435.1		20.15	0.22	0.02	61.17	1031.09	0.32	20.75	35.71	0.13	1.19	2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
87	Daycare V	685153.2	4863236.9		20.15	0.22	0.02	61.17	1031.09	0.33	20.76	35.72	0.13	1.19	2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
88	Daycare W	672679.0	4862044.9		19.77	0.12	0.01	59.84	1030.60	0.33	20.76	35.71	0.07	0.66	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04	0.08	
89	Daycare X	672076.5	4865285.8		19.73	0.11	0.01	59.72	1030.56	0.29	20.72	35.68	0.07	0.61	2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08	
90	Daycare Y	672638.0	4859664.4		19.86	0.14	0.01	60.15	1030.72	0.36	20.79	35.75	0.09	0.78	2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08	
91	Daycare Z	673735.9	4858958.0		20.14	0.22	0.02	61.14	1031.09	0.36	20.79	35.75	0.13	1.18	2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08	
92	Daycare AA	673121.8	4863385.9		19.80	0.13	0.01	59.95	1030.64	0.29	20.73	35.68	0.08	0.70	2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08	
93	Daycare BB	673904.8	4862282.2		19.90	0.16	0.02	60.31	1030.78	0.36	20.80	35.75	0.09	0.84	2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08	
94	Daycare CC	671471.6	4861795.3		19.63	0.09	8.60E-03	59.38	1030.43	0.28	20.71	35.67	0.05	0.47	2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08	
95	Daycare DD	673057.3	4862625.6		19.75	0.12	0.01	59.79	1030.58	0.33	20.77	35.72	0.07	0.63	2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08	
96	Daycare EE	674917.1	4863957.2		19.84	0.14	0.01	60.10	1030.70	0.36	20.80	35.75	0.08	0.76	2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08	
97	Daycare FF	671356.6	4862954.4		19.70	0.10	0.01	59.61	1030.51	0.31	20.74	35.70	0.06	0.56	2.44E-08	4.28E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08	
98	Daycare GG	671675.5	4862705.8		19.70	0.10	0.01	59.59	1030.51	0.31	20.75	35.70	0.06	0.56	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08	
99	Daycare HH	671604.8	4860138.1		19.70	0.10	0.01	59.62	1030.52	0.31	20.74	35.70	0.06	0.57	2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08	
100	Daycare II	670945.2	4857983.8		19.67	0.09	9.41E-03	59.49	1030.47	0.26	20.69	35.65	0.06	0.51	2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.06E-04	0.08	
101	Daycare JJ	677514.6	4864744.																					

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05
					Background Concentration (ug/m3)	19.30			58.22	1030.00		20.43	35.39		2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	0.08	
109	Hospital (Children's)	676057.8	4862180.9		20.23	0.24	0.02	61.44	1031.20	0.39	20.83	35.78	0.14	1.30		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
110	Hospital	671233.2	4863615.9		19.67	0.09	9.45E-03	59.49	1030.47	0.27	20.71	35.66	0.06	0.51		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.06E-04	0.08
111	Comm. Resp. Services	676045.4	4863902.5		20.29	0.26	0.03	61.66	1031.28	0.50	20.93	35.89	0.15	1.39		2.54E-08	4.41E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.12E-04	0.08
112	Hospital	671712.7	4862364.1		19.70	0.10	0.01	59.60	1030.51	0.31	20.74	35.70	0.06	0.56		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08
113	Retirement Residence A	684199.9	4864120.3		20.22	0.24	0.02	61.42	1031.19	0.37	20.80	35.76	0.14	1.29		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
114	Retirement Residence B	685483.9	4865150.9		19.97	0.17	0.02	60.55	1030.87	0.29	20.72	35.68	0.10	0.94		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
115	Retirement Residence C	686844.0	4864732.1		19.92	0.16	0.02	60.38	1030.80	0.26	20.69	35.65	0.10	0.87		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
116	Retirement Residence D	673481.7	4863343.4		19.82	0.13	0.01	60.01	1030.66	0.31	20.74	35.69	0.08	0.72		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
117	Retirement Residence E	671825.2	4864399.0		19.65	0.09	9.13E-03	59.45	1030.46	0.28	20.71	35.67	0.05	0.50		2.43E-08	4.28E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
118	Retirement Residence F	671606.3	4864536.0		19.65	0.09	8.97E-03	59.43	1030.45	0.28	20.71	35.66	0.05	0.49		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
119	Retirement Residence G	671357.1	4862958.7		19.70	0.10	0.01	59.61	1030.51	0.31	20.74	35.70	0.06	0.56		2.44E-08	4.28E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
120	Retirement Residence H	671514.0	4862262.9		19.72	0.11	0.01	59.66	1030.53	0.31	20.74	35.69	0.06	0.58		2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
121	Retirement Residence I	672602.2	4863075.9		19.72	0.11	0.01	59.67	1030.54	0.31	20.74	35.69	0.06	0.59		2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
122	Retirement Residence J	671719.1	4862893.1		19.70	0.10	0.01	59.62	1030.52	0.31	20.74	35.70	0.06	0.57		2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
123	Retirement Residence K	686718.0	4865648.7		19.93	0.16	0.02	60.39	1030.81	0.25	20.68	35.63	0.10	0.88		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
124	Retirement Residence L	676168.7	4865669.9		19.97	0.17	0.02	60.54	1030.86	0.29	20.72	35.68	0.10	0.94		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
125	Retirement Residence M	676118.5	4863980.7		20.30	0.26	0.03	61.68	1031.29	0.52	20.95	35.91	0.15	1.40		2.54E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	0.08
126	Bow. Subdivision 12	684649.2	4863182.7		20.20	0.23	0.02	61.35	1031.16	0.36	20.79	35.75	0.14	1.26		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
127	Primary School B	685384.8	4863575.3		20.17	0.22	0.02	61.21	1031.11	0.32	20.75	35.70	0.13	1.21		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
128	Primary School C	685021.6	4863952.9		19.95	0.17	0.02	60.48	1030.84	0.33	20.76	35.72	0.10	0.91		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
129	Primary School D	686237.0	4864085.5		20.05	0.19	0.02	60.82	1030.96	0.27	20.71	35.66	0.12	1.05		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
130	Primary School E	686719.0	4863734.7		20.00	0.18	0.02	60.65	1030.90	0.26	20.69	35.65	0.11	0.98		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08
131	Primary School F	686357.0	4864754.9		19.81	0.13	0.01	59.98	1030.66	0.26	20.70	35.65	0.08	0.71		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
132	Primary School G	685502.0	4865013.4		20.08	0.20	0.02	60.93	1031.01	0.29	20.72	35.68	0.12	1.10		2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
133	Primary School H	686726.7	4866061.5		19.89	0.15	0.02	60.27	1030.76	0.25	20.68	35.64	0.09	0.83		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
134	Primary School I	685186.2	4866568.2		19.84	0.14	0.01	60.09	1030.70	0.30	20.73	35.69	0.08	0.76		2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08
135	Primary School J	685965.3	4866979.0		19.83	0.14	0.01	60.04	1030.68	0.27	20.71	35.66	0.08	0.74		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
136	Primary School K	677709.9	4864726.5		19.87	0.15	0.01	60.20	1030.74	0.66	21.10	36.05	0.09	0.80		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
137	Primary School L	675988.3	4864270.2		20.42	0.29	0.03	62.09	1031.44	0.51	20.94	35.90	0.17	1.57		2.57E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.13E-04	0.08
138	Primary School M	676608.7	4862739.0		20.06	0.20	0.02	60.85	1030.98	0.56	20.99	35.94	0.12	1.07		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
139	Primary School N	677222.2	4863759.1		20.45	0.30	0.03	62.19	1031.48	0.75	21.18	36.13	0.18	1.61		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08
140	Primary School O	678154.9	4863872.7		20.10	0.21	0.02	61.00	1031.03	0.61	21.05	36.00	0.12	1.12		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
141	Court. Subdivision 12	678309.6	4863600.8		20.23	0.24	0.02	61.45	1031.20	0.57	21.01	35.96	0.14	1.31		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
142	Primary School Q	677010.6	4862470.6		20.21	0.23	0.02	61.35	1031.16	0.69	21.13	36.08	0.14	1.27		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
143	Primary School R	677431.3	4866694.7		20.02	0.19	0.02	60.71	1030.93	0.58	21.01	35.96	0.11	1.01		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08
144	Primary School S	675266.2	4863562.9		19.90	0.15	0.02	60.29	1030.77	0.38	20.81	35.77	0.09	0.84		2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
145	Primary School T	673479.2	4860029.4		19.83	0.14	0.01	60.05	1030.68	0.38	20.81	35.76	0.08	0.74		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
146	Primary School U	670856.0	4860710.6		19.69	0.10	0.01	59.58	1030.50	0.28	20.71	35.67	0.06	0.55		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08
147	Primary School V	672660.2	4863909.2		19.69	0.10	0.01	59.58	1030.51	0.29	20.73	35.68	0.06	0.55		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08
148	Primary School W	672735.2	4859232.9		20.32	0.26	0.03	61.74	1031.31	0.37	20.81	35.76	0.16	1.42		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	0.08
149	Primary School X	673575.8	4862688.6		19.76	0.12	0.01	59.81	1030.59	0.33	20.77	35.72	0.07	0.64		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
150	Primary School Y	673710.3	4861969.0		20.00	0.18	0.02	60.64	1030.90	0.36	20.79	35.74	0.11	0.98		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	0.08
151	Primary School Z	672366.0	4859928.1		19.75	0.12	0.01	59.77	1030.58	0.34	20.77	35.73	0.07	0.63		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
152	Primary School AA	672561.7	4866047.1		19.79	0.13	0.01	59.92	1030.63	0.29	20.72	35.67	0.08	0.69		2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
153	Primary School BB	675095.1	4862930.4		19.95	0.17	0.02	60.46	1030.83	0.35	20.78	35.74	0.10	0.90		2.48E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
154	Primary School CC	673242.6	4865197.9		19.82	0.13	0.01	60.00	103															

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
					Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	2.37E-08	4.20E-05	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05	0.01										
163	Primary School LL	673762.3	4864210.6		19.79	0.12	0.01	59.90	1030.62	0.33	20.76	35.72	0.07	0.68		2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
164	Primary School MM	672238.8	4864621.3		19.64	0.09	8.84E-03	59.41	1030.44	0.29	20.73	35.68	0.05	0.48		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
165	Primary School NN	673213.6	4858677.0		19.88	0.15	0.01	60.23	1030.75	0.33	20.77	35.72	0.09	0.81		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
166	Primary School OO	675474.8	4863221.7		20.00	0.18	0.02	60.63	1030.90	0.38	20.81	35.77	0.11	0.98		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	0.08
167	Primary School PP	672441.8	4858748.6		19.94	0.17	0.02	60.45	1030.83	0.33	20.76	35.71	0.10	0.90		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
168	Primary School QQ	672796.8	4864438.2		19.71	0.10	0.01	59.63	1030.52	0.31	20.74	35.69	0.06	0.57		2.44E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
169	Primary School RR	671351.4	4863284.0		19.69	0.10	0.01	59.58	1030.51	0.30	20.73	35.68	0.06	0.55		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08
170	Primary School SS	673213.9	4862125.5		19.89	0.15	0.02	60.26	1030.76	0.34	20.78	35.73	0.09	0.82		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
171	Primary School TT	671017.9	4860953.7		19.65	0.09	9.03E-03	59.44	1030.45	0.28	20.71	35.66	0.05	0.49		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
172	Primary School UU	670991.0	4861089.8		19.62	0.08	8.32E-03	59.34	1030.42	0.27	20.70	35.66	0.05	0.45		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
173	Primary School VV	674150.1	4862294.8		19.87	0.15	0.01	60.20	1030.74	0.37	20.80	35.76	0.09	0.80		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08
174	Primary School WW	672005.2	4861707.9		19.68	0.10	9.66E-03	59.52	1030.48	0.29	20.72	35.68	0.06	0.53		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08
175	Primary School XX	684172.1	4863615.6		20.52	0.31	0.03	62.43	1031.57	0.39	20.82	35.77	0.19	1.71		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04	0.08
176	Primary School YY	683923.3	4866636.4		20.02	0.19	0.02	60.72	1030.93	0.36	20.79	35.75	0.11	1.01		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08
177	Primary School ZZ	680446.0	4865770.5		19.92	0.16	0.02	60.36	1030.79	0.57	21.00	35.95	0.10	0.86		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
178	Vacant School	685612.9	4864520.0		19.97	0.17	0.02	60.52	1030.86	0.29	20.73	35.68	0.10	0.93		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
179	Secondary School A	686291.4	4865064.3		19.88	0.15	0.02	60.24	1030.75	0.26	20.69	35.65	0.09	0.82		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
180	Secondary School B	683875.0	4864741.7		20.51	0.31	0.03	62.42	1031.56	0.37	20.80	35.76	0.19	1.70		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04	0.08
181	Secondary School C	684650.3	4866460.3		19.88	0.15	0.01	60.22	1030.74	0.33	20.76	35.71	0.09	0.81		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
182	Secondary School D	678099.5	4864838.2		20.01	0.18	0.02	60.67	1030.91	0.61	21.05	36.00	0.11	0.99		2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08
183	Secondary School E	678467.0	4863431.2		20.31	0.26	0.03	61.71	1031.30	0.62	21.05	36.00	0.16	1.41		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	0.08
184	Secondary School F	674144.9	4862762.7		19.81	0.13	0.01	59.98	1030.66	0.33	20.76	35.71	0.08	0.71		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
185	Secondary School G	673816.0	4864357.1		19.77	0.12	0.01	59.85	1030.60	0.33	20.77	35.72	0.07	0.66		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.07E-04	0.08
186	Secondary School H	673145.4	4858569.0		19.87	0.15	0.01	60.19	1030.73	0.33	20.76	35.72	0.09	0.80		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08
187	Secondary School I	671291.7	4863581.3		19.68	0.10	9.69E-03	59.53	1030.48	0.28	20.71	35.66	0.06	0.53		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08
188	Secondary School J	671443.2	4861664.9		19.58	0.07	7.17E-03	59.19	1030.36	0.27	20.71	35.66	0.04	0.39		2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
189	Secondary School K	673235.3	4860885.0		19.73	0.11	0.01	59.71	1030.56	0.33	20.76	35.72	0.07	0.60		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
190	Secondary School L	684252.7	4866500.5		19.99	0.18	0.02	60.60	1030.88	0.34	20.78	35.73	0.11	0.96		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	0.08
191	Secondary School M	673914.1	4859551.7		20.22	0.24	0.02	61.41	1031.19	0.42	20.85	35.81	0.14	1.29		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
192	Secondary School N	675051.5	4864177.2		19.85	0.14	0.01	60.12	1030.71	0.36	20.79	35.74	0.08	0.77		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08
193	Adult School	685276.1	4866019.8		19.99	0.18	0.02	60.61	1030.89	0.30	20.74	35.69	0.11	0.97		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	0.08
194	Bow. Valley Cons. 1	685356.6	4864521.2		20.08	0.20	0.02	60.91	1031.00	0.30	20.74	35.69	0.12	1.09		2.51E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
195	Bow. Valley Cons. 2	685627.7	4864167.8		19.91	0.16	0.02	60.34	1030.79	0.30	20.73	35.68	0.09	0.86		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
196	Bow. Valley Cons. 4	685852.7	4863640.2		20.06	0.19	0.02	60.84	1030.97	0.29	20.73	35.68	0.12	1.06		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
197	Bow. Valley Cons. 5	686163.1	4863621.5		20.11	0.21	0.02	61.01	1031.04	0.28	20.71	35.67	0.12	1.13		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
198	Bow. Valley Cons. 6	685931.9	4863380.6		20.05	0.19	0.02	60.82	1030.97	0.29	20.73	35.68	0.12	1.05		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
199	Maple Grove 1	681688.5	4864717.0		20.11	0.21	0.02	61.03	1031.04	0.62	21.05	36.01	0.13	1.14		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
200	Maple Grove 2	681768.9	4864631.8		20.21	0.23	0.02	61.36	1031.17	0.61	21.05	36.00	0.14	1.27		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
201	Maple Grove 3	681894.9	4864506.8		20.14	0.22	0.02	61.13	1031.08	0.60	21.04	35.99	0.13	1.18		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
202	Maple Grove 4	681974.8	4864443.2		20.21	0.23	0.02	61.35	1031.16	0.59	21.02	35.98	0.14	1.27		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
203	Maple Grove 5	681942.2	4864676.7		20.12	0.21	0.02	61.04	1031.05	0.59	21.02	35.98	0.13	1.14		2.51E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
204	Maple Grove 6	682053.2	4864586.2		20.17	0.22	0.02	61.25	1031.12	0.58	21.01	35.96	0.13	1.22		2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04	0.08

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
					Contaminant Total Emission Rate (g/s) From Both Stacks	Background Concentration (ug/m3)	2.37E-08	4.20E-05	0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	0.08										
217	Port Darlington 9	686867.4	4862119.7		20.04	0.19	0.02	60.78	1030.95	0.30	20.74	35.69	0.11	1.04	2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08	
218	Port Darlington 10	687190.7	4862048.8		20.00	0.18	0.02	60.66	1030.91	0.29	20.73	35.68	0.11	0.99	2.49E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08	
219	Port Darlington 11	687524.4	4862126.8		19.97	0.17	0.02	60.54	1030.86	0.28	20.72	35.67	0.10	0.94	2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08	
220	Campground 1	678646.3	4860337.7		21.37	0.53	0.05	65.38	1032.66	0.74	21.18	36.13	0.32	2.90	2.73E-08	4.63E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	0.09	
221	Campground 2	678410.2	4860148.6		21.16	0.48	0.05	64.66	1032.39	0.67	21.11	36.06	0.29	2.61	2.69E-08	4.59E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.20E-04	0.08	
222	Campground 3	678651.0	4860054.4		20.91	0.41	0.04	63.80	1032.07	0.67	21.11	36.06	0.25	2.26	2.65E-08	4.53E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	0.08	
223	Campground 4	678725.9	4859860.7		20.88	0.41	0.04	63.68	1032.03	0.67	21.10	36.05	0.24	2.21	2.64E-08	4.53E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	0.08	
224	Campground 5	678511.1	4859808.6		20.53	0.32	0.03	62.47	1031.58	0.61	21.04	36.00	0.19	1.72	2.58E-08	4.46E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04	0.08	
225	Campground 6	678869.5	4859696.0		20.76	0.38	0.04	63.28	1031.88	0.64	21.08	36.03	0.23	2.05	2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08	
226	Campground 7	678723.9	4860201.8		21.31	0.52	0.05	65.17	1032.58	0.72	21.15	36.11	0.31	2.81	2.72E-08	4.62E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	0.08	
227	Campground 8	678796.0	4860011.4		20.78	0.38	0.04	63.34	1031.90	0.71	21.15	36.10	0.23	2.07	2.63E-08	4.51E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08	
228	Campground 9	678852.7	4859854.2		21.02	0.44	0.04	64.16	1032.21	0.68	21.11	36.07	0.26	2.40	2.67E-08	4.56E-05		0.21	3.15E-03	1.83E-03	8.29E-03	3.18E-04	0.08	
229	Solina 1	681099.6	4861677.2		21.10	0.46	0.05	64.43	1032.31	0.89	21.33	36.28	0.28	2.51	2.68E-08	4.57E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	0.08	
230	Solina 2	681115.7	4861857.7		21.08	0.46	0.05	64.37	1032.29	0.88	21.32	36.27	0.27	2.49	2.68E-08	4.57E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	0.08	
231	Solina 3	680987.4	4861983.5		21.14	0.47	0.05	64.58	1032.36	0.91	21.35	36.30	0.28	2.57	2.69E-08	4.58E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.20E-04	0.08	
232	Solina 4	680965.0	4862068.1		21.01	0.44	0.04	64.14	1032.20	0.91	21.34	36.30	0.26	2.40	2.67E-08	4.56E-05		0.21	3.15E-03	1.83E-03	8.29E-03	3.18E-04	0.08	
233	Solina 5	681021.5	4862086.7		21.10	0.46	0.05	64.43	1032.31	0.90	21.33	36.28	0.28	2.52	2.68E-08	4.57E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	0.08	
234	Solina 6	680939.8	4862124.3		20.85	0.40	0.04	63.59	1032.00	0.91	21.35	36.30	0.24	2.18	2.64E-08	4.52E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	0.08	
235	Solina 7	680988.2	4862183.6		20.92	0.42	0.04	63.84	1032.09	0.89	21.32	36.28	0.25	2.27	2.65E-08	4.54E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.18E-04	0.08	
236	Solina 8	680984.6	4862209.8		20.85	0.40	0.04	63.57	1031.99	0.89	21.32	36.28	0.24	2.17	2.64E-08	4.52E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	0.08	
237	Solina 9	680958.6	4862294.9		20.73	0.37	0.04	63.16	1031.84	0.89	21.32	36.27	0.22	2.00	2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08	
238	Solina 10	680858.0	4862324.3		20.86	0.40	0.04	63.61	1032.01	0.91	21.34	36.29	0.24	2.18	2.64E-08	4.52E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	0.08	
239	Solina 11	680990.3	4862403.5		20.77	0.38	0.04	63.29	1031.88	0.86	21.30	36.25	0.23	2.05	2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08	
240	Recreational 1	681545.0	4860865.0		20.96	0.43	0.04	63.97	1032.14	0.72	21.15	36.10	0.26	2.33	2.66E-08	4.54E-05		0.21	3.15E-03	1.83E-03	8.28E-03	3.18E-04	0.08	
241	Recreational 2	681563.7	4860687.4		21.46	0.55	0.06	65.68	1032.77	0.70	21.13	36.08	0.33	3.02	2.74E-08	4.65E-05		0.21	3.19E-03	1.84E-03	8.31E-03	3.23E-04	0.09	
242	Recreational 3	681579.7	4860610.0		21.32	0.52	0.05	65.19	1032.59	0.68	21.12	36.07	0.31	2.82	2.72E-08	4.62E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	0.08	
243	Recreational 6	681876.6	4860254.4		21.88	0.66	0.07	67.12	1033.31	0.71	21.14	36.09	0.40	3.61	2.81E-08	4.73E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	0.09	
244	Recreational 7	682166.9	4860324.4		21.39	0.54	0.05	65.45	1032.69	0.61	21.04	36.00	0.32	2.93	2.73E-08	4.63E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	0.09	
245	Darlington 1	679565.4	4861052.9		22.85	0.91	0.09	70.50	1034.56	1.20	21.64	36.59	0.55	4.97	2.98E-08	4.93E-05		0.22	3.29E-03	1.85E-03	8.40E-03	3.36E-04	0.09	
246	Darlington 2	679452.9	4861051.4		22.50	0.82	0.08	69.29	1034.12	1.14	21.58	36.53	0.49	4.48	2.92E-08	4.86E-05		0.22	3.27E-03	1.85E-03	8.38E-03	3.33E-04	0.09	
247	Darlington 3	679130.5	4860948.8		21.77	0.64	0.06	66.77	1033.18	0.97	21.40	36.36	0.38	3.46	2.80E-08	4.71E-05		0.22	3.21E-03	1.84E-03	8.33E-03	3.26E-04	0.09	
248	Darlington 4	679112.6	4860941.9		21.82	0.65	0.06	66.92	1033.23	0.96	21.39	36.35	0.39	3.52	2.80E-08	4.72E-05		0.22	3.21E-03	1.84E-03	8.33E-03	3.26E-04	0.09	
249	Darlington 5	679057.6	4860994.1		21.71	0.62	0.06	66.54	1033.10	0.95	21.38	36.34	0.37	3.37	2.79E-08	4.70E-05		0.22	3.21E-03	1.84E-03	8.33E-03	3.25E-04	0.09	
250	Darlington 6	679075.2	4860931.6		21.84	0.65	0.07	67.01	1033.27	0.95	21.38	36.34	0.39	3.56	2.81E-08	4.73E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.26E-04	0.09	
251	Darlington 7	678814.3	4860843.1		21.44	0.55	0.06	65.62	1032.75	0.84	21.28	36.23	0.33	3.00	2.74E-08	4.64E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	0.09	
252	Darlington 8	678840.4	4860777.1		21.24	0.50	0.05	64.93	1032.50	0.84	21.27	36.22	0.30	2.72	2.71E-08	4.60E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.21E-04	0.08	
253	Light Ind. 1	680000.1	4861034.1		21.70	0.62	0.06	66.52	1033.09	1.38	21.81	36.76	0.37	3.36	2.78E-08	4.70E-05		0.22	3.20E-03	1.84E-03	8.33E-03	3.25E-04	0.09	
254	Light Ind. 2	680060.7	4861056.4		21.68	0.61	0.06	66.45	1033.06	1.39	21.82	36.78	0.37	3.33	2.78E-08	4.69E-05		0.22	3.20E-03	1.84E-03	8.33E-03	3.25E-04	0.09	
255	Light Ind. 3	680291.2	4861151.6		21.86	0.66	0.07	67.07	1033.29	1.35	21.78	36.73	0.39	3.58	2.81E-08	4.73E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.26E-04	0.09	
256	Light Ind. 4	680536.3	4861204.6		21.52	0.57	0.06	65.91	1032.86	1.18	21.61	36.57	0.34	3.11	2.75E-08	4.66E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.23E-04	0.09	
257	Light Ind. 5	680350.4	4861290.6		21.94	0.68	0.07	67.36	1033.40	1.30	21.73	36.68	0.41	3.70	2.83E-08	4.75E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	0.09	
258	Light Ind. 6	680306.9	4861275.6		22.00	0.70	0.07	67.57	1033.48	1.32	21.75	36.70	0.42	3.79	2.84E-08	4.76E-05		0.22	3.23E-03	1.84E-03	8.35E-03	3.28E-04	0.09	
259	Light Ind. 7	680267.2	4861262.4		21.95	0.68	0.07	67.38	1033.40	1.34	21.77	36.73	0.41	3.71	2.83E-08	4.75E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	0.09	
260	Light Ind. 8	680233.6	4861250.7		21.81	0.65	0.06	66.90	1033.23	1.36	21.79	36.74	0.39	3.52	2.80E-08	4.72E-05		0.22	3.21E-03	1.84E-03	8.33E-03	3.26E-04	0.09	
261	Light Ind. 9	680175.3	4861227.5		21.54	0.57	0.06	65.95	1032.87	1.37	21.81	36.76	0.34	3.13	2.76E-08	4.66E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.23E-04	0.09	
262	Light Ind. 10	680092.5	4861185.1		21.42	0.55	0.05	65.55	1032.73	1.39	21.82	36.78	0.33	2.97	2.74E-08	4.64E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	0.09	
263	Light Ind. 11	680071.6	4861246.6		21.37	0.53	0.05	65.40	1032.67	1.39	21.82	36.77	0.32	2.90	2.73E-08	4.63E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	0.09	
264	Light Ind. 12	680021.4	4861186.9		21.59																			



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

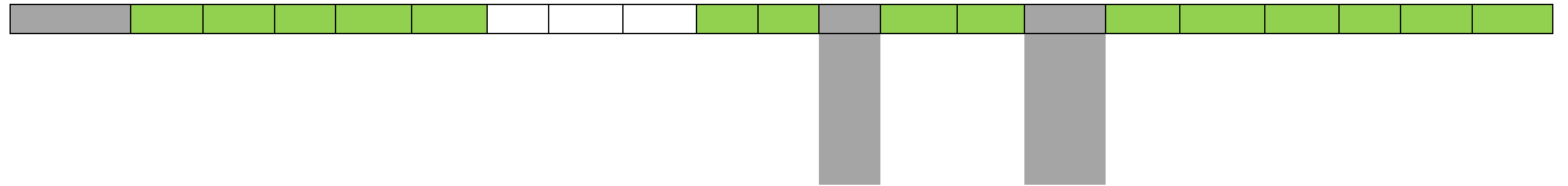
Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron					
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05	0.01				
					Background Concentration (ug/m3)	19.30			58.22	1030.00						2.37E-08	4.20E-05							0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	0.08
271	Future Industrial 5	679898.8	4860067.4		21.17	0.48	0.05	64.70	1032.41	0.82	21.25	36.21	0.29	2.62		2.69E-08	4.59E-05		0.21	3.16E-03	1.83E-03	8.30E-03	3.20E-04	0.08					
272	Future Industrial 6	680134.8	4860694.1		22.29	0.77	0.08	68.54	1033.84	1.28	21.71	36.67	0.46	4.18		2.88E-08	4.82E-05		0.22	3.25E-03	1.85E-03	8.36E-03	3.30E-04	0.09					
273	Future Industrial 11	680253.7	4860255.2		21.45	0.55	0.06	65.65	1032.76	0.93	21.36	36.31	0.33	3.01		2.74E-08	4.65E-05		0.21	3.19E-03	1.84E-03	8.31E-03	3.23E-04	0.09					
274	Future Industrial 12	679901.2	4860511.8		21.44	0.55	0.05	65.62	1032.75	1.02	21.45	36.40	0.33	2.99		2.74E-08	4.64E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	0.09					
275	Commercial Farmer	679867.8	4860445.4		21.45	0.55	0.06	65.66	1032.77	0.97	21.40	36.36	0.33	3.01		2.74E-08	4.65E-05		0.21	3.19E-03	1.84E-03	8.31E-03	3.23E-04	0.09					
276	Farmer	679277.0	4859981.5		20.81	0.39	0.04	63.43	1031.94	0.75	21.18	36.14	0.23	2.11		2.63E-08	4.51E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08					
277	Residence	679387.2	4860648.9		21.57	0.58	0.06	66.06	1032.91	0.97	21.40	36.35	0.35	3.17		2.76E-08	4.67E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.24E-04	0.09					
278	Barn	679261.9	4860574.2		21.17	0.48	0.05	64.68	1032.40	0.92	21.35	36.30	0.29	2.62		2.69E-08	4.59E-05		0.21	3.16E-03	1.83E-03	8.30E-03	3.20E-04	0.08					
279	Residence	680150.7	4861295.7		21.50	0.57	0.06	65.84	1032.83	1.37	21.80	36.76	0.34	3.08		2.75E-08	4.66E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.23E-04	0.09					
280	Residence	679939.8	4861213.4		21.58	0.59	0.06	66.11	1032.93	1.38	21.81	36.76	0.35	3.19		2.76E-08	4.67E-05		0.22	3.20E-03	1.84E-03	8.32E-03	3.24E-04	0.09					
281	Farmer	680855.7	4861456.9		21.50	0.57	0.06	65.83	1032.83	0.99	21.42	36.37	0.34	3.08		2.75E-08	4.66E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.23E-04	0.09					
282	Farmer	681386.2	4861673.3		21.49	0.56	0.06	65.79	1032.82	0.81	21.24	36.19	0.34	3.07		2.75E-08	4.65E-05		0.22	3.19E-03	1.84E-03	8.31E-03	3.23E-04	0.09					
283	Residence	680683.5	4861597.9		21.44	0.55	0.06	65.63	1032.76	1.07	21.50	36.46	0.33	3.00		2.74E-08	4.64E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	0.09					
284	Business	680064.3	4861343.7		21.21	0.49	0.05	64.84	1032.46	1.37	21.81	36.76	0.30	2.68		2.70E-08	4.60E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.20E-04	0.08					
285	Farmer	679680.1	4861213.5		21.90	0.67	0.07	67.22	1033.35	1.29	21.72	36.68	0.40	3.64		2.82E-08	4.74E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	0.09					
286	Farmer	681344.8	4861792.9		21.08	0.46	0.05	64.39	1032.29	0.82	21.25	36.21	0.28	2.50		2.68E-08	4.57E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	0.08					
287	Youth Centre	685644.2	4864814.8		20.14	0.22	0.02	61.12	1031.08	0.29	20.72	35.67	0.13	1.17		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08					
288	Bowmanville Arena	685462.9	4864615.2		20.13	0.21	0.02	61.09	1031.07	0.30	20.73	35.68	0.13	1.16		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08					
289	Bowmanville Rec Complex	684160.3	4864604.5		20.27	0.25	0.02	61.57	1031.24	0.36	20.79	35.75	0.15	1.35		2.54E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08					
290	Recreation Complex	684586.6	4862406.3		20.18	0.23	0.02	61.28	1031.14	0.37	20.81	35.76	0.14	1.24		2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04	0.08					
291	Superdog Central	681487.7	4865723.3		20.02	0.18	0.02	60.71	1030.92	0.54	20.98	35.93	0.11	1.01		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08					
292	Equestrian Centre	681567.1	4863670.7		20.55	0.32	0.03	62.54	1031.61	0.66	21.10	36.05	0.19	1.75		2.59E-08	4.46E-05		0.21	3.11E-03	1.83E-03	8.26E-03	3.14E-04	0.08					
293	Flea Market	678574.6	4862819.4		20.64	0.34	0.03	62.85	1031.72	0.73	21.16	36.11	0.21	1.87		2.60E-08	4.48E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	0.08					
294	Equestrian Centre	680030.8	4867320.2		19.74	0.11	0.01	59.73	1030.56	0.43	20.86	35.82	0.07	0.61		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08					
295	Courtice Community Comp	678099.3	4864629.8		20.02	0.18	0.02	60.70	1030.92	0.62	21.05	36.00	0.11	1.00		2.50E-08	4.35E-05		0.21	3.07E-03	1.82E-03	8.23E-03	3.09E-04	0.08					
296	Former Restaurant	679830.2	4860702.2		21.22	0.49	0.05	64.87	1032.47	1.14	21.58	36.53	0.30	2.69		2.70E-08	4.60E-05		0.21	3.17E-03	1.83E-03	8.30E-03	3.20E-04	0.08					
297	Commercial	679364.8	4861016.0		21.87	0.66	0.07	67.12	1033.31	1.09	21.52	36.48	0.40	3.60		2.81E-08	4.73E-05		0.22	3.22E-03	1.84E-03	8.34E-03	3.27E-04	0.09					
298	GM Oshawa Headquarters	676418.3	4860463.7		20.52	0.31	0.03	62.45	1031.57	0.52	20.96	35.91	0.19	1.71		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04	0.08					
299	Farm A?	682972.3	4862201.9		20.47	0.30	0.03	62.27	1031.51	0.53	20.96	35.91	0.18	1.64		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08					
300	Farm B?	683546.9	4861959.7		20.53	0.32	0.03	62.47	1031.58	0.46	20.89	35.85	0.19	1.72		2.58E-08	4.46E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04	0.08					
301	Farm C?	682547.5	4862321.1		20.87	0.40	0.04	63.65	1032.02	0.58	21.01	35.97	0.24	2.20		2.64E-08	4.53E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	0.08					
302	Farm D?	683238.3	4862393.3		20.39	0.28	0.03	61.99	1031.40	0.49	20.92	35.88	0.17	1.53		2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08					
303	Farm E?	682512.6	4862858.0		20.85	0.40	0.04	63.57	1031.99	0.57	21.00	35.95	0.24	2.17		2.64E-08	4.52E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.17E-04	0.08					
304	Farm F?	683129.1	4863649.4		20.46	0.30	0.03	62.24	1031.49	0.46	20.90	35.85	0.18	1.63		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08					
305	Bennett 1	688209.3	4862512.1		19.89	0.15	0.02	60.25	1030.75	0.27	20.70	35.65	0.09	0.82		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08					
306	Bennett 2	687990.0	4863221.3		19.81	0.13	0.01	59.99	1030.66	0.24	20.67	35.62	0.08	0.72		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08					
307	Bennett 3	688818.4	4862836.3		19.83	0.14	0.01	60.05	1030.68	0.25	20.68	35.64	0.08	0.74		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08					
308	Bennett 4	689045.1	4863365.5		19.87	0.15	0.01	60.20	1030.73	0.23	20.66	35.62	0.09	0.80		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08					
309	Bennett 5	688270.5	4863763.1		19.87	0.15	0.01	60.19	1030.73	0.22	20.65	35.60	0.09	0.80		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08					
310	Bennett 6	689908.5	4863100.5		19.76	0.12	0.01	59.81	1030.59	0.23	20.67	35.62	0.07	0.64		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08					
311	Bennett 7	688929.9	4864392.0		20.16	0.22	0.02	61.18	1031.10	0.30	20.73	35.68	0.13	1.20		2.52E-08	4.38E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08					
312	Bennett 8	689684.2	4863837.7		19.80	0.13	0.01	59.94	1030.64	0.21	20.65	35.60	0.08	0.70		2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08					
313	Soper 1	687557.9	4862512.4		19.91	0.16	0.02	60.34	1030.79	0.28	20.71	35.66	0.09	0.86		2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08					
314	Soper 2	687241.9	4863171.7		19.86	0.14	0.01	60.15	1030.72	0.25	20.68	35.63	0.09	0.78		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08					
315	Soper 3	687023.2	4863903.8		19.98	0.18	0.02	60.58	1030.88	0.25	20.69	35.64	0.11	0.95		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	0.08					
316	Soper 4	688158.2	4865389.3		19.89	0.15	0.02	60.25	1030.75	0.24	20.67	35.63	0.0																

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)		Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51		4.58	5.61E-09		6.76E-06	3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05
					Background Concentration (ug/m3)	19.30			58.22	1030.00		20.43	35.39		2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	0.08	
325	Bowmanville 5	682452.2	4869417.5		19.66	0.09	9.34E-03	59.48	1030.47	0.33	20.76	35.71	0.06	0.51		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.06E-04	0.08
326	Bowmanville 6	684778.5	4864888.2		19.90	0.15	0.02	60.28	1030.77	0.32	20.75	35.71	0.09	0.83		2.48E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
327	Bowmanville 7	684549.5	4866404.4		19.91	0.16	0.02	60.34	1030.79	0.33	20.76	35.72	0.09	0.86		2.48E-08	4.33E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
328	Upper Tooley 1	679944.8	4864883.1		20.17	0.22	0.02	61.23	1031.12	0.65	21.08	36.04	0.13	1.22		2.52E-08	4.38E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.10E-04	0.08
329	Upper Tooley 2	679055.1	4863885.8		20.05	0.19	0.02	60.82	1030.97	0.61	21.05	36.00	0.12	1.05		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
330	Upper Tooley 3	679714.0	4862767.4		20.71	0.36	0.04	63.10	1031.81	0.92	21.35	36.31	0.22	1.98		2.62E-08	4.49E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.15E-04	0.08
331	Upper Tooley 4	678898.8	4861800.6		21.51	0.57	0.06	65.87	1032.84	0.94	21.38	36.33	0.34	3.10		2.75E-08	4.66E-05		0.22	3.19E-03	1.84E-03	8.32E-03	3.23E-04	0.09
332	Upper Tooley 5	680353.5	4862156.5		21.17	0.48	0.05	64.69	1032.40	1.07	21.50	36.45	0.29	2.62		2.69E-08	4.59E-05		0.21	3.16E-03	1.83E-03	8.30E-03	3.20E-04	0.08
333	Upper Tooley 6	679818.1	4861625.7		21.06	0.45	0.05	64.32	1032.27	1.27	21.71	36.66	0.27	2.47		2.68E-08	4.57E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	0.08
334	Robinson 1	678434.8	4860943.1		21.10	0.46	0.05	64.43	1032.31	0.74	21.18	36.13	0.28	2.51		2.68E-08	4.57E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	0.08
335	Robinson 2	677752.6	4861240.6		20.79	0.38	0.04	63.36	1031.91	0.66	21.10	36.05	0.23	2.08		2.63E-08	4.51E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08
336	Robinson 3	677642.2	4861787.2		20.61	0.34	0.03	62.76	1031.69	0.72	21.15	36.11	0.20	1.84		2.60E-08	4.47E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.15E-04	0.08
337	Robinson 4	678532.7	4862143.6		21.12	0.47	0.05	64.52	1032.34	0.80	21.24	36.19	0.28	2.55		2.69E-08	4.58E-05		0.21	3.16E-03	1.83E-03	8.29E-03	3.19E-04	0.08
338	Robinson 5	678005.1	4862784.9		20.76	0.37	0.04	63.26	1031.87	0.77	21.21	36.16	0.22	2.04		2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08
339	Robinson 6	677882.7	4860587.7		20.75	0.37	0.04	63.24	1031.87	0.63	21.06	36.01	0.22	2.03		2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08
340	F/B 1	677443.1	4867862.1		19.79	0.13	0.01	59.90	1030.63	0.53	20.96	35.91	0.08	0.68		2.46E-08	4.30E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
341	F/B 2	679667.4	4866611.4		19.89	0.15	0.02	60.28	1030.76	0.47	20.90	35.86	0.09	0.83		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.08E-04	0.08
342	F/B 3	678655.0	4867470.1		20.05	0.19	0.02	60.81	1030.96	0.51	20.94	35.89	0.12	1.05		2.50E-08	4.36E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.09E-04	0.08
343	F/B 4	676191.2	4866844.7		19.80	0.13	0.01	59.95	1030.64	0.51	20.94	35.90	0.08	0.70		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
344	F/B 5	678273.3	4866093.0		19.97	0.17	0.02	60.53	1030.86	0.56	20.99	35.95	0.10	0.93		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
345	F/B 6	681241.2	4867098.8		19.74	0.11	0.01	59.75	1030.57	0.44	20.88	35.83	0.07	0.62		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
346	F/B 7	682165.3	4868082.3		19.76	0.12	0.01	59.81	1030.59	0.38	20.81	35.76	0.07	0.64		2.45E-08	4.30E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
347	F/B 8	679366.6	4868628.3		19.80	0.13	0.01	59.96	1030.65	0.46	20.89	35.84	0.08	0.70		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
348	F/B 9	680310.1	4869967.1		19.59	0.07	7.48E-03	59.23	1030.37	0.42	20.85	35.80	0.04	0.41		2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
349	F/B 10	676487.3	4869291.6		19.95	0.17	0.02	60.47	1030.84	0.46	20.89	35.84	0.10	0.91		2.48E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
350	F/B 11	676851.4	4865409.3		19.94	0.17	0.02	60.45	1030.83	0.63	21.06	36.01	0.10	0.90		2.48E-08	4.33E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.08E-04	0.08
351	F/B 12	681153.3	4868682.2		19.66	0.09	9.31E-03	59.47	1030.47	0.37	20.80	35.76	0.06	0.51		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.20E-03	3.06E-04	0.08
352	F/B 13	675416.3	4859833.9		20.32	0.26	0.03	61.76	1031.31	0.50	20.93	35.89	0.16	1.43		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	0.08
353	Second 1	675153.4	4860552.8		20.13	0.21	0.02	61.10	1031.07	0.40	20.83	35.79	0.13	1.16		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
354	Second 2	675297.5	4860891.3		20.13	0.21	0.02	61.10	1031.07	0.40	20.83	35.78	0.13	1.16		2.52E-08	4.37E-05		0.21	3.08E-03	1.82E-03	8.23E-03	3.10E-04	0.08
355	Second 3	675647.2	4860644.9		20.20	0.23	0.02	61.32	1031.15	0.43	20.86	35.81	0.14	1.26		2.53E-08	4.39E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
356	Second 4	675670.5	4860076.5		20.34	0.27	0.03	61.81	1031.33	0.49	20.93	35.88	0.16	1.45		2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08
357	Second 5	676043.3	4860319.1		20.31	0.26	0.03	61.72	1031.30	0.49	20.92	35.87	0.16	1.42		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	0.08
358	Second 6	675923.4	4859821.4		20.56	0.32	0.03	62.58	1031.62	0.51	20.94	35.90	0.19	1.77		2.59E-08	4.46E-05		0.21	3.12E-03	1.83E-03	8.26E-03	3.14E-04	0.08
359	McLaughlin Bay 1	676714.7	4860903.8		20.32	0.26	0.03	61.76	1031.32	0.49	20.92	35.87	0.16	1.43		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	0.08
360	McLaughlin Bay 2	677310.8	4860528.2		20.82	0.39	0.04	63.47	1031.95	0.59	21.02	35.97	0.23	2.13		2.63E-08	4.52E-05		0.21	3.14E-03	1.83E-03	8.27E-03	3.17E-04	0.08
361	McLaughlin Bay 3	676563.5	4860260.1		20.49	0.31	0.03	62.33	1031.53	0.54	20.97	35.93	0.18	1.66		2.58E-08	4.45E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08
362	McLaughlin Bay 4	676699.5	4859696.6		22.00	0.69	0.07	67.55	1033.47	0.72	21.16	36.11	0.42	3.78		2.84E-08	4.76E-05		0.22	3.23E-03	1.84E-03	8.35E-03	3.28E-04	0.09
363	McLaughlin Bay 5	677560.0	4860060.1		20.74	0.37	0.04	63.20	1031.85	0.60	21.03	35.99	0.22	2.02		2.62E-08	4.50E-05		0.21	3.13E-03	1.83E-03	8.27E-03	3.16E-04	0.08
364	McLaughlin Bay 6	678204.5	4859832.5		20.53	0.32	0.03	62.48	1031.58	0.56	20.99	35.94	0.19	1.72		2.58E-08	4.46E-05		0.21	3.11E-03	1.82E-03	8.26E-03	3.14E-04	0.08
365	Harmony Creek 1	674178.3	4861024.2		19.80	0.13	0.01	59.95	1030.64	0.33	20.77	35.72	0.08	0.70		2.46E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.21E-03	3.07E-04	0.08
366	Harmony Creek 2	674592.0	4862605.3		19.84	0.14	0.01	60.08	1030.69	0.34	20.77	35.73	0.08	0.75		2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08
367	Harmony Creek 3	672863.4	4862808.0		19.73	0.11	0.01	59.72	1030.56	0.32	20.76	35.71	0.07	0.61		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
368	Harmony Creek 4	675671.6	4864469.0		20.35	0.27	0.03	61.85	1031.35	0.45	20.88	35.84	0.16	1.47		2.55E-08	4.42E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.12E-04	0.08
369	Harmony Creek 5	672443.1	4864713.0		19.68	0.10	9.86E-03	59.55	1030.49	0.30	20.73	35.69	0.06	0.54		2.44E-08	4.28E-05		0.21	3.05E-03	1.81E-03	8.21E-03	3.06E-04	0.08
370	Harmony Creek 6	674830.5	4866909.6																					

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Contaminant	Sulfur Dioxide (SO2)	Hydrogen Chloride (HCl)	Hydrogen Fluoride (HF)	Nitrogen Oxides (NOx)	Carbon Monoxide (CO)	Particulate Matter PM10	Particulate Matter PM2.5	Total Particulate Matter	Ammonia (Slip at stack)	Organic Matter (as CH4)	Chlorinated Polycyclic Aromatics	Dioxins and Furans (as TEQ Toxic Equivalents)	Polychlorinated Biphenyls (PCB)	Metals	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron
		(m)	(m)	Contaminant Total Emission Rate (g/s) From Both Stacks	3.27	0.84	0.08	11.32	4.21	0.84	0.84	0.84	0.51	4.58		5.61E-09	6.76E-06		3.72E-03	2.56E-04	3.93E-05	1.98E-04	3.12E-05	0.01
				Background Concentration (ug/m3)	19.30			58.22	1030.00		20.43	35.39			2.37E-08	4.20E-05		0.21	3.02E-03	1.81E-03	8.18E-03	3.02E-04	0.08	
379	Darlington 5	683223.2	4861114.0		20.93	0.42	0.04	63.84	1032.09	0.48	20.91	35.87	0.25	2.28		2.65E-08	4.54E-05		0.21	3.14E-03	1.83E-03	8.28E-03	3.18E-04	0.08
380	Darlington 6	683947.7	4862362.0		20.46	0.30	0.03	62.25	1031.50	0.42	20.86	35.81	0.18	1.63		2.57E-08	4.44E-05		0.21	3.11E-03	1.82E-03	8.25E-03	3.13E-04	0.08
381	Darlington 7	685361.9	4861143.4		20.32	0.26	0.03	61.76	1031.32	0.32	20.75	35.70	0.16	1.43		2.55E-08	4.41E-05		0.21	3.10E-03	1.82E-03	8.24E-03	3.12E-04	0.08
382	Bennett ECO/HH	688606.4	4862634.8		19.84	0.14	0.01	60.08	1030.69	0.26	20.69	35.64	0.08	0.75		2.47E-08	4.31E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08
383	Oshawa ECO/HH	673884.9	4859128.9		20.40	0.28	0.03	62.02	1031.41	0.38	20.81	35.77	0.17	1.54		2.56E-08	4.43E-05		0.21	3.10E-03	1.82E-03	8.25E-03	3.13E-04	0.08
384	Oshawa Creek 1	671671.2	4862793.7		19.70	0.10	0.01	59.60	1030.51	0.31	20.75	35.70	0.06	0.56		2.44E-08	4.28E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
385	Oshawa Creek 2	671668.5	4861589.5		19.58	0.07	7.26E-03	59.20	1030.36	0.27	20.71	35.66	0.04	0.40		2.42E-08	4.26E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
386	Oshawa Creek 3	672820.2	4861287.2		19.63	0.08	8.50E-03	59.36	1030.42	0.30	20.74	35.69	0.05	0.46		2.43E-08	4.27E-05		0.21	3.04E-03	1.81E-03	8.20E-03	3.05E-04	0.08
387	Oshawa Creek 4	672360.3	4860262.6		19.73	0.11	0.01	59.71	1030.55	0.33	20.76	35.72	0.07	0.60		2.45E-08	4.29E-05		0.21	3.05E-03	1.82E-03	8.21E-03	3.06E-04	0.08
388	Oshawa Creek 5	673921.2	4860115.0		19.87	0.15	0.01	60.19	1030.73	0.38	20.81	35.76	0.09	0.80		2.47E-08	4.32E-05		0.21	3.06E-03	1.82E-03	8.22E-03	3.07E-04	0.08
389	Oshawa Creek 6	673154.0	4859421.9		20.24	0.24	0.02	61.48	1031.21	0.39	20.82	35.78	0.15	1.32		2.53E-08	4.40E-05		0.21	3.09E-03	1.82E-03	8.24E-03	3.11E-04	0.08
390	Farmer	677409.8	4861051.4		21.44	0.55	0.06	65.62	1032.75	0.65	21.08	36.04	0.33	3.00		2.74E-08	4.64E-05		0.21	3.18E-03	1.84E-03	8.31E-03	3.22E-04	0.09
391	Commercial Market	688276.3	4864698.5		19.99	0.18	0.02	60.61	1030.89	0.26	20.69	35.64	0.11	0.97		2.49E-08	4.34E-05		0.21	3.07E-03	1.82E-03	8.22E-03	3.09E-04	0.08



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol
		(m)	(m)	6.55E-04	4.30E-03	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		1.91E-04	4.82E-06	4.82E-06	1.63E-05
				6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05	
1	Campground 10	678526.8	4859996.8	8.88E-04	1.86E-03	1.30E-05	2.85E-03	8.39E-04	7.00E-03	6.08E-04	8.02E-03	0.07	4.78E-04	3.04E-03	1.58E-03	3.73E-03	1.60E-03	0.22	0.04		0.01	2.09E-06	0.05	7.05E-06
2	ECO 2	675490.4	4860360.1	7.74E-04	1.11E-03	7.75E-06	2.81E-03	7.44E-04	6.19E-03	3.63E-04	6.60E-03	0.07	4.23E-04	3.03E-03	9.44E-04	3.44E-03	1.58E-03	0.22	0.03		0.01	1.25E-06	0.05	4.21E-06
3	Recreational 5	681642.0	4860349.3	1.07E-03	3.03E-03	2.11E-05	2.91E-03	9.86E-04	8.27E-03	9.90E-04	0.01	0.07	5.63E-04	3.05E-03	2.57E-03	4.18E-03	1.63E-03	0.22	0.05		0.01	3.40E-06	0.05	1.15E-05
4	ECO 4	676831.5	4859840.9	9.58E-04	2.32E-03	1.62E-05	2.87E-03	8.97E-04	7.50E-03	7.58E-04	8.89E-03	0.07	5.11E-04	3.04E-03	1.97E-03	3.91E-03	1.61E-03	0.22	0.04		0.01	2.60E-06	0.05	8.78E-06
5	Bow. Valley Cons. 3	685767.2	4863879.0	7.61E-04	1.03E-03	7.17E-06	2.81E-03	7.34E-04	6.10E-03	3.36E-04	6.44E-03	0.07	4.17E-04	3.03E-03	8.74E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.15E-06	0.05	3.90E-06
6	ECO 6	679647.8	4859989.3	9.26E-04	2.12E-03	1.47E-05	2.86E-03	8.71E-04	7.28E-03	6.90E-04	8.50E-03	0.07	4.96E-04	3.04E-03	1.79E-03	3.83E-03	1.60E-03	0.22	0.04		0.01	2.37E-06	0.05	8.00E-06
7	ECO 7	681578.8	4862070.1	9.70E-04	2.41E-03	1.67E-05	2.88E-03	9.07E-04	7.59E-03	7.85E-04	9.05E-03	0.07	5.17E-04	3.04E-03	2.04E-03	3.94E-03	1.61E-03	0.22	0.04		0.01	2.69E-06	0.05	9.10E-06
8	ECO 8	679735.5	4861048.6	1.29E-03	4.51E-03	3.14E-05	2.98E-03	1.17E-03	9.88E-03	1.47E-03	0.01	0.08	6.71E-04	3.06E-03	3.82E-03	4.74E-03	1.66E-03	0.23	0.06		0.01	5.05E-06	0.05	1.70E-05
9	ECO 9	687219.7	4864249.3	7.47E-04	9.36E-04	6.51E-06	2.80E-03	7.22E-04	5.99E-03	3.05E-04	6.26E-03	0.07	4.10E-04	3.03E-03	7.93E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.05E-06	0.05	3.54E-06
10	ECO 10	686519.0	4861987.6	7.56E-04	1.00E-03	6.96E-06	2.81E-03	7.30E-04	6.06E-03	3.26E-04	6.38E-03	0.07	4.15E-04	3.03E-03	8.49E-04	3.40E-03	1.57E-03	0.22	0.03		0.01	1.12E-06	0.05	3.78E-06
11	ECO 11	679870.4	4859737.9	9.49E-04	2.26E-03	1.57E-05	2.87E-03	8.89E-04	7.44E-03	7.38E-04	8.77E-03	0.07	5.07E-04	3.04E-03	1.92E-03	3.88E-03	1.61E-03	0.22	0.04		0.01	2.53E-06	0.05	8.55E-06
12	Recreational 4	681575.5	4860557.7	9.49E-04	2.27E-03	1.58E-05	2.87E-03	8.90E-04	7.44E-03	7.39E-04	8.78E-03	0.07	5.07E-04	3.04E-03	1.92E-03	3.88E-03	1.61E-03	0.22	0.04		0.01	2.54E-06	0.05	8.56E-06
13	Future Industrial 9	680704.5	4859857.8	9.25E-04	2.11E-03	1.47E-05	2.86E-03	8.70E-04	7.27E-03	6.88E-04	8.48E-03	0.07	4.96E-04	3.04E-03	1.79E-03	3.82E-03	1.60E-03	0.22	0.04		0.01	2.36E-06	0.05	7.97E-06
14	Future Industrial 10	680608.0	4860719.6	1.17E-03	3.71E-03	2.58E-05	2.94E-03	1.07E-03	9.01E-03	1.21E-03	0.01	0.08	6.12E-04	3.06E-03	3.15E-03	4.44E-03	1.64E-03	0.23	0.06		0.01	4.15E-06	0.05	1.40E-05
15	Harmony Creek	673992.4	4865641.4	7.66E-04	1.06E-03	7.40E-06	2.81E-03	7.38E-04	6.13E-03	3.47E-04	6.50E-03	0.07	4.19E-04	3.03E-03	9.02E-04	3.42E-03	1.58E-03	0.22	0.03		0.01	1.19E-06	0.05	4.02E-06
16	Farewell Creek	678079.2	4868822.7	7.30E-04	8.28E-04	5.76E-06	2.80E-03	7.08E-04	5.88E-03	2.70E-04	6.06E-03	0.07	4.02E-04	3.03E-03	7.02E-04	3.33E-03	1.57E-03	0.22	0.03		0.01	9.27E-07	0.05	3.13E-06
17	Farmer	681378.6	4860335.0	1.10E-03	3.24E-03	2.25E-05	2.92E-03	1.01E-03	8.50E-03	1.06E-03	0.01	0.08	5.78E-04	3.05E-03	2.75E-03	4.26E-03	1.63E-03	0.23	0.05		0.01	3.63E-06	0.05	1.22E-05
18	Watson Farm	682883.4	4864219.7	9.26E-04	2.11E-03	1.47E-05	2.86E-03	8.70E-04	7.27E-03	6.89E-04	8.49E-03	0.07	4.96E-04	3.04E-03	1.79E-03	3.83E-03	1.60E-03	0.22	0.04		0.01	2.37E-06	0.05	7.99E-06
19	Racanski Farm	678929.2	4865530.2	8.23E-04	1.44E-03	1.00E-05	2.83E-03	7.85E-04	6.54E-03	4.69E-04	7.21E-03	0.07	4.47E-04	3.03E-03	1.22E-03	3.57E-03	1.59E-03	0.22	0.03		0.01	1.61E-06	0.05	5.43E-06
20	Zoo	687216.8	4864835.3	7.23E-04	7.83E-04	5.45E-06	2.80E-03	7.03E-04	5.83E-03	2.55E-04	5.97E-03	0.07	3.99E-04	3.03E-03	6.64E-04	3.32E-03	1.57E-03	0.22	0.03		0.01	8.77E-07	0.05	2.96E-06
21	Cedar Crest Beach	686652.1	4861660.9	8.43E-04	1.57E-03	1.09E-05	2.84E-03	8.02E-04	6.68E-03	5.12E-04	7.46E-03	0.07	4.56E-04	3.03E-03	1.33E-03	3.62E-03	1.59E-03	0.22	0.03		0.01	1.76E-06	0.05	5.94E-06
22	Darlington Prov Park Beach	677844.6	4859718.2	9.30E-04	2.14E-03	1.49E-05	2.86E-03	8.74E-04	7.31E-03	6.99E-04	8.55E-03	0.07	4.98E-04	3.04E-03	1.82E-03	3.84E-03	1.60E-03	0.22	0.04		0.01	2.40E-06	0.05	8.10E-06
23	OPG 1	682258.1	4860045.0	1.01E-03	2.64E-03	1.84E-05	2.89E-03	9.37E-04	7.85E-03	8.62E-04	9.49E-03	0.07	5.35E-04	3.04E-03	2.24E-03	4.03E-03	1.62E-03	0.22	0.05		0.01	2.96E-06	0.05	9.99E-06
24	OPG 2	682551.4	4859889.1	9.03E-04	1.97E-03	1.37E-05	2.85E-03	8.52E-04	7.11E-03	6.41E-04	8.21E-03	0.07	4.85E-04	3.04E-03	1.67E-03	3.77E-03	1.60E-03	0.22	0.04		0.01	2.20E-06	0.05	7.43E-06
25	OPG 3	682824.6	4859759.3	8.66E-04	1.72E-03	1.20E-05	2.84E-03	8.21E-04	6.84E-03	5.60E-04	7.74E-03	0.07	4.67E-04	3.03E-03	1.46E-03	3.67E-03	1.59E-03	0.22	0.04		0.01	1.92E-06	0.05	6.50E-06
26	OPG 4	683021.6	4859937.3	8.80E-04	1.82E-03	1.26E-05	2.85E-03	8.33E-04	6.95E-03	5.92E-04	7.93E-03	0.07	4.74E-04	3.04E-03	1.54E-03	3.71E-03	1.60E-03	0.22	0.04		0.01	2.03E-06	0.05	6.86E-06
27	OPG 5	683318.2	4859677.8	8.15E-04	1.39E-03	9.66E-06	2.83E-03	7.79E-04	6.49E-03	4.53E-04	7.12E-03	0.07	4.43E-04	3.03E-03	1.18E-03	3.55E-03	1.58E-03	0.22	0.03		0.01	1.56E-06	0.05	5.25E-06
28	OPG 6	683306.9	4860023.0	8.73E-04	1.77E-03	1.23E-05	2.84E-03	8.27E-04	6.90E-03	5.77E-04	7.84E-03	0.07	4.71E-04	3.04E-03	1.50E-03	3.69E-03	1.59E-03	0.22	0.04		0.01	1.98E-06	0.05	6.68E-06
29	OPG 7	683718.6	4859915.8	8.05E-04	1.32E-03	9.17E-06	2.82E-03	7.70E-04	6.41E-03	4.30E-04	6.99E-03	0.07	4.38E-04	3.03E-03	1.12E-03	3.52E-03	1.58E-03	0.22	0.03		0.01	1.48E-06	0.05	4.98E-06
30	OPG 8	682702.0	4859998.6	9.34E-04	2.17E-03	1.51E-05	2.86E-03	8.77E-04	7.33E-03	7.07E-04	8.60E-03	0.07	5.00E-04	3.04E-03	1.84E-03	3.85E-03	1.60E-03	0.22	0.04		0.01	2.43E-06	0.05	8.19E-06
31	OPG 9	684347.7	4861184.6	8.22E-04	1.43E-03	9.97E-06	2.83E-03	7.85E-04	6.53E-03	4.68E-04	7.20E-03	0.07	4.46E-04	3.03E-03	1.22E-03	3.57E-03	1.59E-03	0.22	0.03		0.01	1.61E-06	0.05	5.42E-06
32	OPG 10	682157.2	4861228.2	9.80E-04	2.47E-03	1.72E-05	2.88E-03	9.15E-04	7.66E-03	8.06E-04	9.17E-03	0.07	5.22E-04	3.04E-03	2.10E-03	3.96E-03	1.61E-03	0.22	0.04		0.01	2.77E-06	0.05	9.34E-06
33	St. Mary's 1	684557.0	4861070.0	8.69E-04	1.74E-03	1.21E-05	2.84E-03	8.23E-04	6.87E-03	5.68E-04	7.79E-03	0.07	4.69E-04	3.04E-03	1.48E-03	3.68E-03	1.59E-03	0.22	0.04		0.01	1.95E-06	0.05	6.58E-06
34	St. Mary's 2	684657.3	4861320.8	8.02E-04	1.30E-03	9.06E-06	2.82E-03	7.68E-04	6.39E-03	4.25E-04	6.95E-03	0.07	4.37E-04	3.03E-03	1.10E-03	3.52E-03	1.58E-03	0.22	0.03		0.01	1.46E-06	0.05	4.92E-06
35	St. Mary's 3	684905.3	4861154.4	8.61E-04	1.69E-03	1.18E-05	2.84E-03	8.17E-04	6.81E-03	5.51E-04	7.69E-03	0.07	4.65E-04	3.03E-03	1.43E-03	3.66E-03	1.59E-03	0.22	0.04		0.01	1.89E-06	0.05	6.39E-06
36	Court. Subdivision 1	677328.4	4862976.1	8.58E-04	1.67E-03	1.16E-05	2.84E-03	8.14E-04	6.79E-03	5.44E-04	7.65E-03	0.07	4.64E-04	3.03E-03	1.42E-03	3.66E-03	1.59E-03	0.22	0.04		0.01	1.87E-06		



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol
		(m)	(m)	6.55E-04	4.30E-03	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		1.91E-04	4.82E-06	4.82E-06	1.63E-05
55	Bow. Subdivision 10	685266.0	4863243.1	7.86E-04	1.19E-03	8.31E-06	2.82E-03	7.55E-04	6.28E-03	3.90E-04	6.75E-03	0.07	4.29E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.22	0.03	0.01	1.34E-06	0.05	4.52E-06	
56	Osh/Court Subdivision 1	677396.8	4860977.3	1.02E-03	2.74E-03	1.91E-05	2.89E-03	9.50E-04	7.96E-03	8.95E-04	9.68E-03	0.07	5.42E-04	3.05E-03	2.33E-03	4.07E-03	1.62E-03	0.22	0.05	0.01	3.07E-06	0.05	1.04E-05	
57	Osh/Court Subdivision 2	676633.5	4860816.8	8.29E-04	1.47E-03	1.03E-05	2.83E-03	7.90E-04	6.58E-03	4.81E-04	7.28E-03	0.07	4.49E-04	3.03E-03	1.25E-03	3.58E-03	1.59E-03	0.22	0.03	0.01	1.65E-06	0.05	5.57E-06	
58	Osh/Court Subdivision 3	676916.0	4861925.0	8.06E-04	1.33E-03	9.24E-06	2.82E-03	7.71E-04	6.42E-03	4.33E-04	7.00E-03	0.07	4.39E-04	3.03E-03	1.13E-03	3.52E-03	1.58E-03	0.22	0.03	0.01	1.49E-06	0.05	5.02E-06	
59	Osh/Court Subdivision 4	676730.5	4861317.1	9.37E-04	2.19E-03	1.52E-05	2.87E-03	8.80E-04	7.36E-03	7.14E-04	8.63E-03	0.07	5.01E-04	3.04E-03	1.86E-03	3.85E-03	1.60E-03	0.22	0.04	0.01	2.45E-06	0.05	8.27E-06	
60	Osh/Court Subdivision 5	676087.2	4861392.3	8.39E-04	1.55E-03	1.08E-05	2.83E-03	7.99E-04	6.66E-03	5.04E-04	7.42E-03	0.07	4.55E-04	3.03E-03	1.31E-03	3.61E-03	1.59E-03	0.22	0.03	0.01	1.73E-06	0.05	5.84E-06	
61	Osh/Court Subdivision 6	676177.1	4861722.2	7.71E-04	1.10E-03	7.64E-06	2.81E-03	7.42E-04	6.17E-03	3.58E-04	6.57E-03	0.07	4.22E-04	3.03E-03	9.31E-04	3.44E-03	1.58E-03	0.22	0.03	0.01	1.23E-06	0.05	4.15E-06	
62	Osh/Court Subdivision 7	675670.7	4861783.2	7.70E-04	1.09E-03	7.58E-06	2.81E-03	7.41E-04	6.16E-03	3.55E-04	6.55E-03	0.07	4.21E-04	3.03E-03	9.24E-04	3.43E-03	1.58E-03	0.22	0.03	0.01	1.22E-06	0.05	4.12E-06	
63	Osh/Court Subdivision 8	676050.8	4862055.7	7.67E-04	1.07E-03	7.44E-06	2.81E-03	7.39E-04	6.14E-03	3.49E-04	6.51E-03	0.07	4.20E-04	3.03E-03	9.07E-04	3.43E-03	1.58E-03	0.22	0.03	0.01	1.20E-06	0.05	4.04E-06	
64	Osh/Court Subdivision 9	676636.9	4862134.3	7.80E-04	1.15E-03	8.03E-06	2.81E-03	7.50E-04	6.23E-03	3.77E-04	6.68E-03	0.07	4.26E-04	3.03E-03	9.79E-04	3.46E-03	1.58E-03	0.22	0.03	0.01	1.29E-06	0.05	4.36E-06	
65	Osh/Court Subdivision 10	676571.3	4861634.8	7.92E-04	1.24E-03	8.59E-06	2.82E-03	7.60E-04	6.32E-03	4.03E-04	6.83E-03	0.07	4.32E-04	3.03E-03	1.05E-03	3.49E-03	1.58E-03	0.22	0.03	0.01	1.38E-06	0.05	4.67E-06	
66	Bow. Subdivision 11	684649.2	4863182.7	7.85E-04	1.19E-03	8.26E-06	2.82E-03	7.54E-04	6.27E-03	3.87E-04	6.74E-03	0.07	4.28E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.22	0.03	0.01	1.33E-06	0.05	4.49E-06	
67	Daycare B	685172.4	4863933.1	7.37E-04	8.71E-04	6.06E-06	2.80E-03	7.14E-04	5.92E-03	2.84E-04	6.14E-03	0.07	4.05E-04	3.03E-03	7.38E-04	3.35E-03	1.57E-03	0.22	0.03	0.01	9.75E-07	0.05	3.29E-06	
68	Daycare C	685452.0	4863104.4	7.59E-04	1.02E-03	7.08E-06	2.81E-03	7.32E-04	6.08E-03	3.32E-04	6.42E-03	0.07	4.16E-04	3.03E-03	8.63E-04	3.41E-03	1.58E-03	0.22	0.03	0.01	1.14E-06	0.05	3.85E-06	
69	Daycare D	685527.7	4864693.3	7.73E-04	1.11E-03	7.72E-06	2.81E-03	7.44E-04	6.18E-03	3.62E-04	6.59E-03	0.07	4.23E-04	3.03E-03	9.41E-04	3.44E-03	1.58E-03	0.22	0.03	0.01	1.24E-06	0.05	4.19E-06	
70	Daycare E	685735.4	4864790.8	7.20E-04	1.03E-03	7.20E-06	2.81E-03	7.34E-04	6.10E-03	3.37E-04	6.45E-03	0.07	4.17E-04	3.03E-03	8.77E-04	3.41E-03	1.58E-03	0.22	0.03	0.01	1.16E-06	0.05	3.91E-06	
71	Daycare F	685520.3	4864854.3	7.75E-04	1.13E-03	7.83E-06	2.81E-03	7.46E-04	6.20E-03	3.67E-04	6.62E-03	0.07	4.24E-04	3.03E-03	9.55E-04	3.45E-03	1.58E-03	0.22	0.03	0.01	1.26E-06	0.05	4.25E-06	
72	Daycare G	685441.9	4864878.0	7.71E-04	1.10E-03	7.62E-06	2.81E-03	7.42E-04	6.17E-03	3.57E-04	6.56E-03	0.07	4.22E-04	3.03E-03	9.28E-04	3.44E-03	1.58E-03	0.22	0.03	0.01	1.23E-06	0.05	4.14E-06	
73	Daycare H	686364.8	4864707.8	7.12E-04	7.06E-04	4.91E-06	2.79E-03	6.93E-04	5.74E-03	2.30E-04	5.83E-03	0.07	3.93E-04	3.02E-03	5.99E-04	3.29E-03	1.57E-03	0.21	0.03	0.01	7.91E-07	0.05	2.67E-06	
74	Daycare I	685721.6	4865127.3	7.61E-04	1.03E-03	7.15E-06	2.81E-03	7.34E-04	6.09E-03	3.35E-04	6.44E-03	0.07	4.17E-04	3.03E-03	8.72E-04	3.41E-03	1.58E-03	0.22	0.03	0.01	1.15E-06	0.05	3.89E-06	
75	Daycare J	678256.3	4863565.4	7.91E-04	1.23E-03	8.55E-06	2.82E-03	7.59E-04	6.31E-03	4.01E-04	6.82E-03	0.07	4.31E-04	3.03E-03	1.04E-03	3.49E-03	1.58E-03	0.22	0.03	0.01	1.38E-06	0.05	4.64E-06	
76	Daycare K	677694.1	4864043.7	7.52E-04	9.71E-04	6.76E-06	2.81E-03	7.26E-04	6.03E-03	3.17E-04	6.33E-03	0.07	4.13E-04	3.03E-03	8.23E-04	3.39E-03	1.57E-03	0.22	0.03	0.01	1.09E-06	0.05	3.67E-06	
77	Daycare L	676479.5	4862526.2	8.12E-04	1.37E-03	9.52E-06	2.83E-03	7.77E-04	6.46E-03	4.46E-04	7.08E-03	0.07	4.42E-04	3.03E-03	1.16E-03	3.54E-03	1.58E-03	0.22	0.03	0.01	1.53E-06	0.05	5.17E-06	
78	Daycare M	678320.9	4864763.5	7.47E-04	9.37E-04	6.52E-06	2.80E-03	7.22E-04	5.99E-03	3.06E-04	6.26E-03	0.07	4.10E-04	3.03E-03	7.94E-04	3.38E-03	1.57E-03	0.22	0.03	0.01	1.05E-06	0.05	3.54E-06	
79	Daycare N	678513.4	4865058.0	7.27E-04	8.05E-04	5.60E-06	2.80E-03	7.05E-04	5.85E-03	2.62E-04	6.01E-03	0.07	4.01E-04	3.03E-03	6.82E-04	3.32E-03	1.57E-03	0.22	0.03	0.01	9.01E-07	0.05	3.04E-06	
80	Daycare O	672788.7	4863936.6	6.79E-04	4.90E-04	3.41E-06	2.78E-03	6.66E-04	5.51E-03	1.60E-04	5.42E-03	0.07	3.78E-04	3.02E-03	4.15E-04	3.20E-03	1.56E-03	0.21	0.02	0.01	5.49E-07	0.05	1.85E-06	
81	Daycare P	673952.8	4863592.5	7.02E-04	6.41E-04	4.46E-06	2.79E-03	6.85E-04	5.67E-03	2.09E-04	5.70E-03	0.07	3.89E-04	3.02E-03	5.44E-04	3.26E-03	1.57E-03	0.21	0.03	0.01	7.18E-07	0.05	2.42E-06	
82	Daycare Q	671751.8	4864887.7	6.72E-04	4.44E-04	3.09E-06	2.78E-03	6.60E-04	5.46E-03	1.45E-04	5.33E-03	0.07	3.74E-04	3.02E-03	3.77E-04	3.19E-03	1.56E-03	0.21	0.02	0.01	4.98E-07	0.05	1.68E-06	
83	Daycare R	685714.4	4864667.4	7.53E-04	9.76E-04	6.79E-06	2.81E-03	7.27E-04	6.04E-03	3.18E-04	6.34E-03	0.07	4.13E-04	3.03E-03	8.28E-04	3.39E-03	1.57E-03	0.22	0.03	0.01	1.09E-06	0.05	3.69E-06	
84	Daycare S	684177.9	4863618.2	8.44E-04	1.57E-03	1.09E-05	2.84E-03	8.02E-04	6.69E-03	5.13E-04	7.47E-03	0.07	4.57E-04	3.03E-03	1.33E-03	3.62E-03	1.59E-03	0.22	0.03	0.01	1.76E-06	0.05	5.94E-06	
85	Daycare T	678423.6	4864480.4	7.53E-04	9.76E-04	6.79E-06	2.81E-03	7.27E-04	6.04E-03	3.18E-04	6.34E-03	0.07	4.13E-04	3.03E-03	8.27E-04	3.39E-03	1.57E-03	0.22	0.03	0.01	1.09E-06	0.05	3.69E-06	
86	Daycare U	685330.5	4863435.1	7.74E-04	1.12E-03	7.78E-06	2.81E-03	7.45E-04	6.19E-03	3.65E-04	6.61E-03	0.07	4.23E-04	3.03E-03	9.49E-04	3.45E-03	1.58E-03	0.22	0.03	0.01	1.25E-06	0.05	4.23E-06	
87	Daycare V	685153.2	4863236.9	7.74E-04	1.12E-03	7.78E-06	2.81E-03	7.45E-04	6.19E-03	3.65E-04	6.61E-03	0.07	4.23E-04	3.03E-03	9.49E-04	3.45E-03	1.58E-03	0.22	0.03	0.01	1.25E-06	0.05	4.23E-06	
88	Daycare W	672679.0	4862044.9	6.98E-04	6.17E-04	4.29E-06	2.79E-03	6.82E-04	5.65E-03	2.01E-04	5.66E-03	0.07	3.87E-04	3.02E-03	5.23E-04	3.25E-03	1.57E-03	0.21	0.03	0.01	6.90E-07	0.05	2.33E-06	
89	Daycare X	672076.5	4865285.8	6.91E-04	5.70E-04	3.96E-06	2.79E-03	6.76E-04	5.60E-03	1.86E-04	5.57E-03	0.07	3.83E-04	3.02E-03	4.83E-04	3.23E-03	1.56E-03	0.21	0.02	0.01	6.38E-07	0.05	2.15E-06	
90	Daycare Y	672638.0	4859664.4	7.16E-04	7.33E-04	5.10E-06	2.79E-03	6.96E-04	5.77E-03	2.39E-04	5.88E-03	0.07	3.95E-04	3.02E-03	6.22E-04	3.30E-03	1.57E-03	0.21	0.03	0.01	8.21E-07	0.05	2.77E-06	
91	Daycare Z	673735.9	4858958.0	7.73E-04	1.11E-03	7.72E-06	2.81E-03	7.44E-04	6.18E-03	3.62E-04	6.59E-03	0.07	4.23E-04	3.03E-03	9.41E-04	3.44E-03	1.58E-03	0.22	0.03	0.01	1.24E-06	0.05	4.19E-06	
92	Daycare AA	673121.8	48633																					

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol
		(m)	(m)	6.55E-04	4.30E-03	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		1.91E-04	4.82E-06	4.82E-06	1.63E-05
				6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05	
109	Hospital (Children's)	676057.8	4862180.9	7.90E-04	1.22E-03	8.51E-06	2.82E-03	7.58E-04	6.31E-03	3.99E-04	6.81E-03	0.07	4.31E-04	3.03E-03	1.04E-03	3.49E-03	1.58E-03	0.22	0.03		0.01	1.37E-06	0.05	4.62E-06
110	Hospital	671233.2	4863615.9	6.78E-04	4.83E-04	3.36E-06	2.78E-03	6.65E-04	5.50E-03	1.57E-04	5.40E-03	0.07	3.77E-04	3.02E-03	4.09E-04	3.20E-03	1.56E-03	0.21	0.02		0.01	5.41E-07	0.05	1.82E-06
111	Comm. Resp. Services	676045.4	4863902.5	8.03E-04	1.31E-03	9.09E-06	2.82E-03	7.69E-04	6.40E-03	4.26E-04	6.96E-03	0.07	4.37E-04	3.03E-03	1.11E-03	3.52E-03	1.58E-03	0.22	0.03		0.01	1.46E-06	0.05	4.94E-06
112	Hospital	671712.7	4862364.1	6.84E-04	5.23E-04	3.64E-06	2.78E-03	6.70E-04	5.55E-03	1.71E-04	5.48E-03	0.07	3.80E-04	3.02E-03	4.44E-04	3.22E-03	1.56E-03	0.21	0.02		0.01	5.86E-07	0.05	1.98E-06
113	Retirement Residence A	684199.9	4864120.3	7.89E-04	1.22E-03	8.46E-06	2.82E-03	7.57E-04	6.30E-03	3.96E-04	6.79E-03	0.07	4.30E-04	3.03E-03	1.03E-03	3.48E-03	1.58E-03	0.22	0.03		0.01	1.36E-06	0.05	4.59E-06
114	Retirement Residence B	685483.9	4865150.9	7.39E-04	8.86E-04	6.16E-06	2.80E-03	7.16E-04	5.94E-03	2.89E-04	6.17E-03	0.07	4.06E-04	3.03E-03	7.51E-04	3.36E-03	1.57E-03	0.22	0.03		0.01	9.92E-07	0.05	3.35E-06
115	Retirement Residence C	686844.0	4864732.1	7.29E-04	8.19E-04	5.69E-06	2.80E-03	7.07E-04	5.87E-03	2.67E-04	6.04E-03	0.07	4.02E-04	3.03E-03	6.94E-04	3.33E-03	1.57E-03	0.22	0.03		0.01	9.16E-07	0.05	3.09E-06
116	Retirement Residence D	673481.7	4863343.4	7.07E-04	6.79E-04	4.72E-06	2.79E-03	6.90E-04	5.71E-03	2.21E-04	5.77E-03	0.07	3.91E-04	3.02E-03	5.75E-04	3.28E-03	1.57E-03	0.21	0.03		0.01	7.60E-07	0.05	2.56E-06
117	Retirement Residence E	671825.2	4864399.0	6.75E-04	4.66E-04	3.24E-06	2.78E-03	6.63E-04	5.48E-03	1.52E-04	5.37E-03	0.07	3.76E-04	3.02E-03	3.95E-04	3.20E-03	1.56E-03	0.21	0.02		0.01	5.22E-07	0.05	1.76E-06
118	Retirement Residence F	671606.3	4864536.0	6.74E-04	4.59E-04	3.19E-06	2.78E-03	6.62E-04	5.47E-03	1.50E-04	5.36E-03	0.07	3.75E-04	3.02E-03	3.89E-04	3.19E-03	1.56E-03	0.21	0.02		0.01	5.13E-07	0.05	1.73E-06
119	Retirement Residence G	671357.1	4862958.7	6.84E-04	5.26E-04	3.66E-06	2.78E-03	6.70E-04	5.55E-03	1.71E-04	5.48E-03	0.07	3.80E-04	3.02E-03	4.46E-04	3.22E-03	1.56E-03	0.21	0.02		0.01	5.89E-07	0.05	1.99E-06
120	Retirement Residence H	671514.0	4862262.9	6.87E-04	5.46E-04	3.80E-06	2.78E-03	6.73E-04	5.57E-03	1.78E-04	5.52E-03	0.07	3.82E-04	3.02E-03	4.63E-04	3.23E-03	1.56E-03	0.21	0.02		0.01	6.11E-07	0.05	2.06E-06
121	Retirement Residence I	672602.2	4863075.9	6.88E-04	5.50E-04	3.83E-06	2.79E-03	6.73E-04	5.57E-03	1.79E-04	5.53E-03	0.07	3.82E-04	3.02E-03	4.67E-04	3.23E-03	1.56E-03	0.21	0.02		0.01	6.16E-07	0.05	2.08E-06
122	Retirement Residence J	671719.1	4862893.1	6.85E-04	5.31E-04	3.69E-06	2.78E-03	6.71E-04	5.55E-03	1.73E-04	5.49E-03	0.07	3.81E-04	3.02E-03	4.50E-04	3.22E-03	1.56E-03	0.21	0.02		0.01	5.94E-07	0.05	2.01E-06
123	Retirement Residence K	686718.0	4865648.7	7.30E-04	8.26E-04	5.75E-06	2.80E-03	7.08E-04	5.87E-03	2.69E-04	6.05E-03	0.07	4.02E-04	3.03E-03	7.00E-04	3.33E-03	1.57E-03	0.22	0.03		0.01	9.25E-07	0.05	3.12E-06
124	Retirement Residence L	676168.7	4865669.9	7.38E-04	8.81E-04	6.13E-06	2.80E-03	7.15E-04	5.93E-03	2.87E-04	6.16E-03	0.07	4.06E-04	3.03E-03	7.47E-04	3.35E-03	1.57E-03	0.22	0.03		0.01	9.86E-07	0.05	3.33E-06
125	Retirement Residence M	676118.5	4863980.7	8.04E-04	1.32E-03	9.15E-06	2.82E-03	7.70E-04	6.41E-03	4.29E-04	6.98E-03	0.07	4.38E-04	3.03E-03	1.12E-03	3.52E-03	1.58E-03	0.22	0.03		0.01	1.47E-06	0.05	4.97E-06
126	Bow. Subdivision 12	684649.2	4863182.7	7.85E-04	1.19E-03	8.26E-06	2.82E-03	7.54E-04	6.27E-03	3.87E-04	6.74E-03	0.07	4.28E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.22	0.03		0.01	1.33E-06	0.05	4.49E-06
127	Primary School B	685384.8	4863575.3	7.77E-04	1.14E-03	7.91E-06	2.81E-03	7.47E-04	6.21E-03	3.71E-04	6.64E-03	0.07	4.25E-04	3.03E-03	9.64E-04	3.45E-03	1.58E-03	0.22	0.03		0.01	1.27E-06	0.05	4.30E-06
128	Primary School C	685021.6	4863952.9	7.35E-04	8.59E-04	5.97E-06	2.80E-03	7.12E-04	5.91E-03	2.80E-04	6.11E-03	0.07	4.04E-04	3.03E-03	7.28E-04	3.35E-03	1.57E-03	0.22	0.03		0.01	9.61E-07	0.05	3.24E-06
129	Primary School D	686237.0	4864085.5	7.54E-04	9.86E-04	6.86E-06	2.81E-03	7.28E-04	6.05E-03	3.21E-04	6.36E-03	0.07	4.14E-04	3.03E-03	8.36E-04	3.39E-03	1.57E-03	0.22	0.03		0.01	1.10E-06	0.05	3.73E-06
130	Primary School E	686719.0	4863734.7	7.45E-04	9.24E-04	6.43E-06	2.80E-03	7.20E-04	5.98E-03	3.01E-04	6.24E-03	0.07	4.09E-04	3.03E-03	7.83E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.03E-06	0.05	3.49E-06
131	Primary School F	686357.0	4864754.9	7.06E-04	6.70E-04	4.66E-06	2.79E-03	6.89E-04	5.70E-03	2.19E-04	5.76E-03	0.07	3.91E-04	3.02E-03	5.68E-04	3.27E-03	1.57E-03	0.21	0.03		0.01	7.50E-07	0.05	2.53E-06
132	Primary School G	685502.0	4865013.4	7.61E-04	1.03E-03	7.17E-06	2.81E-03	7.34E-04	6.10E-03	3.36E-04	6.44E-03	0.07	4.17E-04	3.03E-03	8.73E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.15E-06	0.05	3.89E-06
133	Primary School H	686726.7	4866061.5	7.22E-04	7.78E-04	5.41E-06	2.80E-03	7.02E-04	5.82E-03	2.54E-04	5.96E-03	0.07	3.99E-04	3.03E-03	6.59E-04	3.31E-03	1.57E-03	0.21	0.03		0.01	8.71E-07	0.05	2.94E-06
134	Primary School I	685186.2	4866568.2	7.12E-04	7.12E-04	4.95E-06	2.79E-03	6.94E-04	5.75E-03	2.32E-04	5.84E-03	0.07	3.94E-04	3.02E-03	6.03E-04	3.29E-03	1.57E-03	0.21	0.03		0.01	7.97E-07	0.05	2.69E-06
135	Primary School J	685965.3	4866979.0	7.09E-04	6.92E-04	4.81E-06	2.79E-03	6.91E-04	5.73E-03	2.26E-04	5.80E-03	0.07	3.92E-04	3.02E-03	5.86E-04	3.28E-03	1.57E-03	0.21	0.03		0.01	7.74E-07	0.05	2.61E-06
136	Primary School K	677709.9	4864726.5	7.19E-04	7.52E-04	5.23E-06	2.80E-03	6.99E-04	5.79E-03	2.45E-04	5.91E-03	0.07	3.97E-04	3.02E-03	6.38E-04	3.30E-03	1.57E-03	0.21	0.03		0.01	8.42E-07	0.05	2.84E-06
137	Primary School L	675988.3	4864270.2	8.28E-04	1.47E-03	1.02E-05	2.83E-03	7.89E-04	6.58E-03	4.80E-04	7.28E-03	0.07	4.49E-04	3.03E-03	1.25E-03	3.58E-03	1.59E-03	0.22	0.03		0.01	1.65E-06	0.05	5.56E-06
138	Primary School M	676608.7	4862739.0	7.56E-04	1.00E-03	6.96E-06	2.81E-03	7.30E-04	6.06E-03	3.26E-04	6.38E-03	0.07	4.15E-04	3.03E-03	8.48E-04	3.40E-03	1.57E-03	0.22	0.03		0.01	1.12E-06	0.05	3.78E-06
139	Primary School N	677222.2	4863759.1	8.34E-04	1.51E-03	1.05E-05	2.83E-03	7.94E-04	6.62E-03	4.92E-04	7.35E-03	0.07	4.52E-04	3.03E-03	1.28E-03	3.59E-03	1.59E-03	0.22	0.03		0.01	1.69E-06	0.05	5.71E-06
140	Primary School O	678154.9	4863872.7	7.65E-04	1.06E-03	7.34E-06	2.81E-03	7.37E-04	6.12E-03	3.44E-04	6.49E-03	0.07	4.19E-04	3.03E-03	8.95E-04	3.42E-03	1.58E-03	0.22	0.03		0.01	1.18E-06	0.05	3.99E-06
141	Court. Subdivision 12	678309.6	4863600.8	7.91E-04	1.23E-03	8.53E-06	2.82E-03	7.59E-04	6.31E-03	4.00E-04	6.81E-03	0.07	4.31E-04	3.03E-03	1.04E-03	3.49E-03	1.58E-03	0.22	0.03		0.01	1.37E-06	0.05	4.63E-06
142	Primary School Q	677010.6	4862470.6	7.85E-04	1.19E-03	8.28E-06	2.82E-03	7.54E-04	6.27E-03	3.88E-04	6.74E-03	0.07	4.29E-04	3.03E-03	1.01E-03	3.47E-03	1.58E-03	0.22	0.03		0.01	1.33E-06	0.05	4.50E-06
143	Primary School R	677431.3	4866694.7	7.48E-04	9.46E-04	6.58E-06	2.80E-03	7.23E-04	6.00E-03	3.08E-04	6.28E-03	0.07	4.11E-04	3.03E-03	8.02E-04	3.38E-03	1.57E-03	0.22	0.03		0.01	1.06E-06	0.05	3.57E-06
144	Primary School S	675266.2	4863562.9	7.24E-04	7.85E-04	5.46E-06	2.80E-03	7.03E-04	5.83E-03	2.56E-04	5.98E-03	0.07	3.99E-04	3.03E-03	6.66E-04	3.32E-03	1.57E-03	0.22						

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol
		(m)	(m)	6.55E-04	4.30E-03	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		1.91E-04	4.82E-06	4.82E-06	1.63E-05
				6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05	
163	Primary School LL	673762.3	4864210.6	7.01E-04	6.38E-04	4.44E-06	2.79E-03	6.84E-04	5.67E-03	2.08E-04	5.70E-03	0.07	3.88E-04	3.02E-03	5.41E-04	3.26E-03	1.57E-03	0.21	0.03		0.01	7.14E-07	0.05	2.41E-06
164	Primary School MM	672238.8	4864621.3	6.73E-04	4.52E-04	3.14E-06	2.78E-03	6.61E-04	5.47E-03	1.47E-04	5.34E-03	0.07	3.75E-04	3.02E-03	3.83E-04	3.19E-03	1.56E-03	0.21	0.02		0.01	5.06E-07	0.05	1.71E-06
165	Primary School NN	673213.6	4858677.0	7.20E-04	7.62E-04	5.30E-06	2.80E-03	7.00E-04	5.80E-03	2.48E-04	5.93E-03	0.07	3.97E-04	3.02E-03	6.46E-04	3.31E-03	1.57E-03	0.21	0.03		0.01	8.53E-07	0.05	2.88E-06
166	Primary School OO	675474.8	4863221.7	7.43E-04	9.16E-04	6.37E-06	2.80E-03	7.19E-04	5.97E-03	2.99E-04	6.22E-03	0.07	4.09E-04	3.03E-03	7.76E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.03E-06	0.05	3.46E-06
167	Primary School PP	672441.8	4858748.6	7.33E-04	8.46E-04	5.89E-06	2.80E-03	7.11E-04	5.90E-03	2.76E-04	6.09E-03	0.07	4.04E-04	3.03E-03	7.17E-04	3.34E-03	1.57E-03	0.22	0.03		0.01	9.47E-07	0.05	3.20E-06
168	Primary School QQ	672796.8	4864438.2	6.86E-04	5.35E-04	3.72E-06	2.78E-03	6.72E-04	5.56E-03	1.75E-04	5.50E-03	0.07	3.81E-04	3.02E-03	4.54E-04	3.22E-03	1.56E-03	0.21	0.02		0.01	5.99E-07	0.05	2.02E-06
169	Primary School RR	671351.4	4863284.0	6.83E-04	5.16E-04	3.59E-06	2.78E-03	6.69E-04	5.54E-03	1.68E-04	5.47E-03	0.07	3.80E-04	3.02E-03	4.38E-04	3.21E-03	1.56E-03	0.21	0.02		0.01	5.78E-07	0.05	1.95E-06
170	Primary School SS	673213.9	4862125.5	7.22E-04	7.74E-04	5.38E-06	2.80E-03	7.02E-04	5.82E-03	2.52E-04	5.95E-03	0.07	3.98E-04	3.03E-03	6.56E-04	3.31E-03	1.57E-03	0.21	0.03		0.01	8.66E-07	0.05	2.92E-06
171	Primary School TT	671017.9	4860953.7	6.74E-04	4.62E-04	3.21E-06	2.78E-03	6.62E-04	5.48E-03	1.51E-04	5.36E-03	0.07	3.76E-04	3.02E-03	3.92E-04	3.19E-03	1.56E-03	0.21	0.02		0.01	5.17E-07	0.05	1.75E-06
172	Primary School UU	670991.0	4861089.8	6.69E-04	4.25E-04	2.96E-06	2.78E-03	6.58E-04	5.44E-03	1.39E-04	5.29E-03	0.07	3.73E-04	3.02E-03	3.61E-04	3.18E-03	1.56E-03	0.21	0.02		0.01	4.76E-07	0.05	1.61E-06
173	Primary School VV	674150.1	4862294.8	7.18E-04	7.51E-04	5.23E-06	2.79E-03	6.99E-04	5.79E-03	2.45E-04	5.91E-03	0.07	3.97E-04	3.02E-03	6.37E-04	3.30E-03	1.57E-03	0.21	0.03		0.01	8.41E-07	0.05	2.84E-06
174	Primary School WW	672005.2	4861707.9	6.79E-04	4.94E-04	3.44E-06	2.78E-03	6.66E-04	5.51E-03	1.61E-04	5.42E-03	0.07	3.78E-04	3.02E-03	4.19E-04	3.21E-03	1.56E-03	0.21	0.02		0.01	5.53E-07	0.05	1.87E-06
175	Primary School XX	684172.1	4863615.6	8.48E-04	1.60E-03	1.11E-05	2.84E-03	8.06E-04	6.72E-03	5.22E-04	7.52E-03	0.07	4.59E-04	3.03E-03	1.36E-03	3.63E-03	1.59E-03	0.22	0.04		0.01	1.79E-06	0.05	6.05E-06
176	Primary School YY	683923.3	4866636.4	7.49E-04	9.51E-04	6.61E-06	2.80E-03	7.24E-04	6.01E-03	3.10E-04	6.29E-03	0.07	4.11E-04	3.03E-03	8.06E-04	3.38E-03	1.57E-03	0.22	0.03		0.01	1.06E-06	0.05	3.59E-06
177	Primary School ZZ	680446.0	4865770.5	7.28E-04	8.11E-04	5.64E-06	2.80E-03	7.06E-04	5.86E-03	2.65E-04	6.02E-03	0.07	4.01E-04	3.03E-03	6.88E-04	3.33E-03	1.57E-03	0.22	0.03		0.01	9.08E-07	0.05	3.07E-06
178	Vacant School	685612.9	4864520.0	7.37E-04	8.75E-04	6.09E-06	2.80E-03	7.14E-04	5.93E-03	2.85E-04	6.15E-03	0.07	4.06E-04	3.03E-03	7.42E-04	3.35E-03	1.57E-03	0.22	0.03		0.01	9.79E-07	0.05	3.31E-06
179	Secondary School A	686291.4	4865064.3	7.21E-04	7.68E-04	5.34E-06	2.80E-03	7.01E-04	5.81E-03	2.51E-04	5.94E-03	0.07	3.98E-04	3.03E-03	6.51E-04	3.31E-03	1.57E-03	0.21	0.03		0.01	8.60E-07	0.05	2.90E-06
180	Secondary School B	683875.0	4864741.7	8.47E-04	1.60E-03	1.11E-05	2.84E-03	8.05E-04	6.71E-03	5.20E-04	7.51E-03	0.07	4.58E-04	3.03E-03	1.35E-03	3.63E-03	1.59E-03	0.22	0.04		0.01	1.79E-06	0.05	6.03E-06
181	Secondary School C	684650.3	4866460.3	7.20E-04	7.60E-04	5.29E-06	2.80E-03	7.00E-04	5.80E-03	2.48E-04	5.93E-03	0.07	3.97E-04	3.02E-03	6.45E-04	3.31E-03	1.57E-03	0.21	0.03		0.01	8.51E-07	0.05	2.87E-06
182	Secondary School D	678099.5	4864838.2	7.46E-04	9.32E-04	6.48E-06	2.80E-03	7.21E-04	5.99E-03	3.04E-04	6.25E-03	0.07	4.10E-04	3.03E-03	7.90E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.04E-06	0.05	3.52E-06
183	Secondary School E	678467.0	4863431.2	8.06E-04	1.33E-03	9.24E-06	2.82E-03	7.71E-04	6.42E-03	4.33E-04	7.00E-03	0.07	4.39E-04	3.03E-03	1.13E-03	3.52E-03	1.58E-03	0.22	0.03		0.01	1.49E-06	0.05	5.02E-06
184	Secondary School F	674144.9	4862762.7	7.06E-04	6.70E-04	4.66E-06	2.79E-03	6.88E-04	5.70E-03	2.18E-04	5.76E-03	0.07	3.91E-04	3.02E-03	5.68E-04	3.27E-03	1.57E-03	0.21	0.03		0.01	7.50E-07	0.05	2.53E-06
185	Secondary School G	673816.0	4864357.1	6.98E-04	6.18E-04	4.30E-06	2.79E-03	6.82E-04	5.65E-03	2.01E-04	5.66E-03	0.07	3.87E-04	3.02E-03	5.24E-04	3.25E-03	1.57E-03	0.21	0.03		0.01	6.92E-07	0.05	2.33E-06
186	Secondary School H	673145.4	4858569.0	7.18E-04	7.47E-04	5.20E-06	2.79E-03	6.98E-04	5.79E-03	2.44E-04	5.90E-03	0.07	3.96E-04	3.02E-03	6.33E-04	3.30E-03	1.57E-03	0.21	0.03		0.01	8.36E-07	0.05	2.82E-06
187	Secondary School I	671291.7	4863581.3	6.79E-04	4.95E-04	3.45E-06	2.78E-03	6.67E-04	5.51E-03	1.62E-04	5.43E-03	0.07	3.78E-04	3.02E-03	4.20E-04	3.21E-03	1.56E-03	0.21	0.02		0.01	5.55E-07	0.05	1.87E-06
188	Secondary School J	671443.2	4861664.9	6.60E-04	3.67E-04	2.55E-06	2.78E-03	6.50E-04	5.37E-03	1.20E-04	5.18E-03	0.07	3.69E-04	3.02E-03	3.11E-04	3.16E-03	1.56E-03	0.21	0.02		0.01	4.10E-07	0.05	1.39E-06
189	Secondary School K	673235.3	4860885.0	6.90E-04	5.67E-04	3.95E-06	2.79E-03	6.76E-04	5.59E-03	1.85E-04	5.56E-03	0.07	3.83E-04	3.02E-03	4.81E-04	3.23E-03	1.56E-03	0.21	0.02		0.01	6.35E-07	0.05	2.14E-06
190	Secondary School L	684252.7	4866500.5	7.42E-04	9.04E-04	6.29E-06	2.80E-03	7.18E-04	5.96E-03	2.95E-04	6.20E-03	0.07	4.08E-04	3.03E-03	7.66E-04	3.36E-03	1.57E-03	0.22	0.03		0.01	1.01E-06	0.05	3.41E-06
191	Secondary School M	673914.1	4859551.7	7.89E-04	1.21E-03	8.44E-06	2.82E-03	7.57E-04	6.30E-03	3.96E-04	6.79E-03	0.07	4.30E-04	3.03E-03	1.03E-03	3.48E-03	1.58E-03	0.22	0.03		0.01	1.36E-06	0.05	4.59E-06
192	Secondary School N	675051.5	4864177.2	7.14E-04	7.21E-04	5.02E-06	2.79E-03	6.95E-04	5.76E-03	2.35E-04	5.85E-03	0.07	3.94E-04	3.02E-03	6.11E-04	3.29E-03	1.57E-03	0.21	0.03		0.01	8.07E-07	0.05	2.73E-06
193	Adult School	685276.1	4866019.8	7.42E-04	9.07E-04	6.31E-06	2.80E-03	7.18E-04	5.96E-03	2.96E-04	6.21E-03	0.07	4.08E-04	3.03E-03	7.69E-04	3.36E-03	1.57E-03	0.22	0.03		0.01	1.02E-06	0.05	3.43E-06
194	Bow. Valley Cons. 1	685356.6	4864521.2	7.60E-04	1.02E-03	7.12E-06	2.81E-03	7.33E-04	6.09E-03	3.34E-04	6.43E-03	0.07	4.16E-04	3.03E-03	8.67E-04	3.41E-03	1.58E-03	0.22	0.03		0.01	1.15E-06	0.05	3.87E-06
195	Bow. Valley Cons. 2	685627.7	4864167.8	7.27E-04	8.06E-04	5.61E-06	2.80E-03	7.06E-04	5.85E-03	2.63E-04	6.02E-03	0.07	4.01E-04	3.03E-03	6.84E-04	3.33E-03	1.57E-03	0.22	0.03		0.01	9.03E-07	0.05	3.05E-06
196	Bow. Valley Cons. 4	685852.7	4863640.2	7.56E-04	9.95E-04	6.92E-06	2.81E-03	7.29E-04	6.06E-03	3.25E-04	6.37E-03	0.07	4.14E-04	3.03E-03	8.44E-04	3.40E-03	1.57E-03	0.22	0.03		0.01	1.11E-06	0.05	3.76E-06
197	Bow. Valley Cons. 5	686163.1	4863621.5	7.66E-04	1.06E-03	7.38E-06	2.81E-03	7.38E-04	6.13E-03	3.46E-04	6.50E-03	0.07	4.19E-04	3.03E-03	8.99E-04	3.42E-03	1.58E-03	0.22	0.03		0.01	1.19E-06	0.05	4.01E-06
198	Bow. Valley Cons. 6	685931.9	4863380.6	7.54E-04	9.87E-04	6.87E-06	2.81E-03	7.28E-04	6.05E-03	3.22E-04	6.36E-03	0.07	4.14E-04	3.03E-03	8.37E-04	3.39E-03	1.57E-03	0.22						

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol
																					1.91E-04	4.82E-06	4.82E-06	1.63E-05
		(m)	(m)	6.55E-04	4.30E-03	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		0.01		0.05	
				6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05	
217	Port Darlington 9	686867.4	4862119.7	7.52E-04	9.73E-04	6.77E-06	2.81E-03	7.27E-04	6.03E-03	3.17E-04	6.33E-03	0.07	4.13E-04	3.03E-03	8.25E-04	3.39E-03	1.57E-03	0.22	0.03		0.01	1.09E-06	0.05	3.68E-06
218	Port Darlington 10	687190.7	4862048.8	7.45E-04	9.26E-04	6.44E-06	2.80E-03	7.21E-04	5.98E-03	3.02E-04	6.24E-03	0.07	4.09E-04	3.03E-03	7.85E-04	3.37E-03	1.57E-03	0.22	0.03		0.01	1.04E-06	0.05	3.50E-06
219	Port Darlington 11	687524.4	4862126.8	7.38E-04	8.82E-04	6.14E-06	2.80E-03	7.15E-04	5.94E-03	2.88E-04	6.16E-03	0.07	4.06E-04	3.03E-03	7.48E-04	3.35E-03	1.57E-03	0.22	0.03		0.01	9.88E-07	0.05	3.33E-06
220	Campground 1	678646.3	4860337.7	1.02E-03	2.72E-03	1.89E-05	2.89E-03	9.47E-04	7.93E-03	8.87E-04	9.64E-03	0.07	5.40E-04	3.05E-03	2.31E-03	4.06E-03	1.62E-03	0.22	0.05		0.01	3.04E-06	0.05	1.03E-05
221	Campground 2	678410.2	4860148.6	9.76E-04	2.45E-03	1.70E-05	2.88E-03	9.12E-04	7.64E-03	7.98E-04	9.12E-03	0.07	5.20E-04	3.04E-03	2.07E-03	3.95E-03	1.61E-03	0.22	0.04		0.01	2.74E-06	0.05	9.25E-06
222	Campground 3	678651.0	4860054.4	9.27E-04	2.12E-03	1.47E-05	2.86E-03	8.71E-04	7.28E-03	6.91E-04	8.50E-03	0.07	4.96E-04	3.04E-03	1.80E-03	3.83E-03	1.60E-03	0.22	0.04		0.01	2.37E-06	0.05	8.01E-06
223	Campground 4	678725.9	4859860.7	9.20E-04	2.07E-03	1.44E-05	2.86E-03	8.65E-04	7.23E-03	6.76E-04	8.42E-03	0.07	4.93E-04	3.04E-03	1.76E-03	3.81E-03	1.60E-03	0.22	0.04		0.01	2.32E-06	0.05	7.84E-06
224	Campground 5	678511.1	4859808.6	8.50E-04	1.61E-03	1.12E-05	2.84E-03	8.08E-04	6.73E-03	5.27E-04	7.55E-03	0.07	4.60E-04	3.03E-03	1.37E-03	3.63E-03	1.59E-03	0.22	0.04		0.01	1.81E-06	0.05	6.10E-06
225	Campground 6	678869.5	4859696.0	8.97E-04	1.92E-03	1.34E-05	2.85E-03	8.46E-04	7.07E-03	6.27E-04	8.13E-03	0.07	4.82E-04	3.04E-03	1.63E-03	3.75E-03	1.60E-03	0.22	0.04		0.01	2.15E-06	0.05	7.27E-06
226	Campground 7	678723.9	4860201.8	1.01E-03	2.64E-03	1.84E-05	2.89E-03	9.37E-04	7.85E-03	8.61E-04	9.49E-03	0.07	5.34E-04	3.04E-03	2.24E-03	4.03E-03	1.62E-03	0.22	0.05		0.01	2.96E-06	0.05	9.98E-06
227	Campground 8	678796.0	4860011.4	9.00E-04	1.95E-03	1.35E-05	2.85E-03	8.49E-04	7.09E-03	6.35E-04	8.17E-03	0.07	4.84E-04	3.04E-03	1.65E-03	3.76E-03	1.60E-03	0.22	0.04		0.01	2.18E-06	0.05	7.35E-06
228	Campground 9	678852.7	4859854.2	9.47E-04	2.26E-03	1.57E-05	2.87E-03	8.88E-04	7.43E-03	7.36E-04	8.76E-03	0.07	5.06E-04	3.04E-03	1.91E-03	3.88E-03	1.61E-03	0.22	0.04		0.01	2.53E-06	0.05	8.53E-06
229	Solina 1	681099.6	4861677.2	9.63E-04	2.36E-03	1.64E-05	2.87E-03	9.01E-04	7.54E-03	7.70E-04	8.96E-03	0.07	5.14E-04	3.04E-03	2.00E-03	3.92E-03	1.61E-03	0.22	0.04		0.01	2.64E-06	0.05	8.92E-06
230	Solina 2	681115.7	4861857.7	9.60E-04	2.34E-03	1.63E-05	2.87E-03	8.98E-04	7.52E-03	7.62E-04	8.91E-03	0.07	5.12E-04	3.04E-03	1.98E-03	3.91E-03	1.61E-03	0.22	0.04		0.01	2.62E-06	0.05	8.83E-06
231	Solina 3	680987.4	4861983.5	9.72E-04	2.42E-03	1.68E-05	2.88E-03	9.08E-04	7.60E-03	7.88E-04	9.06E-03	0.07	5.18E-04	3.04E-03	2.05E-03	3.94E-03	1.61E-03	0.22	0.04		0.01	2.71E-06	0.05	9.13E-06
232	Solina 4	680965.0	4862068.1	9.47E-04	2.25E-03	1.57E-05	2.87E-03	8.88E-04	7.42E-03	7.34E-04	8.75E-03	0.07	5.06E-04	3.04E-03	1.91E-03	3.88E-03	1.61E-03	0.22	0.04		0.01	2.52E-06	0.05	8.51E-06
233	Solina 5	681021.5	4862086.7	9.63E-04	2.36E-03	1.64E-05	2.87E-03	9.02E-04	7.54E-03	7.70E-04	8.96E-03	0.07	5.14E-04	3.04E-03	2.00E-03	3.92E-03	1.61E-03	0.22	0.04		0.01	2.64E-06	0.05	8.92E-06
234	Solina 6	680939.8	4862124.3	9.15E-04	2.04E-03	1.42E-05	2.86E-03	8.61E-04	7.20E-03	6.66E-04	8.36E-03	0.07	4.91E-04	3.04E-03	1.73E-03	3.80E-03	1.60E-03	0.22	0.04		0.01	2.29E-06	0.05	7.72E-06
235	Solina 7	680988.2	4862183.6	9.29E-04	2.14E-03	1.49E-05	2.86E-03	8.73E-04	7.30E-03	6.96E-04	8.53E-03	0.07	4.98E-04	3.04E-03	1.81E-03	3.83E-03	1.60E-03	0.22	0.04		0.01	2.39E-06	0.05	8.07E-06
236	Solina 8	680984.6	4862209.8	9.13E-04	2.03E-03	1.41E-05	2.86E-03	8.60E-04	7.19E-03	6.63E-04	8.34E-03	0.07	4.90E-04	3.04E-03	1.72E-03	3.79E-03	1.60E-03	0.22	0.04		0.01	2.28E-06	0.05	7.68E-06
237	Solina 9	680958.6	4862294.9	8.90E-04	1.88E-03	1.31E-05	2.85E-03	8.40E-04	7.02E-03	6.12E-04	8.04E-03	0.07	4.79E-04	3.04E-03	1.59E-03	3.73E-03	1.60E-03	0.22	0.04		0.01	2.10E-06	0.05	7.09E-06
238	Solina 10	680858.0	4862324.3	9.16E-04	2.05E-03	1.43E-05	2.86E-03	8.62E-04	7.20E-03	6.69E-04	8.37E-03	0.07	4.91E-04	3.04E-03	1.74E-03	3.80E-03	1.60E-03	0.22	0.04		0.01	2.30E-06	0.05	7.75E-06
239	Solina 11	680990.3	4862403.5	8.97E-04	1.93E-03	1.34E-05	2.85E-03	8.47E-04	7.07E-03	6.28E-04	8.14E-03	0.07	4.82E-04	3.04E-03	1.63E-03	3.75E-03	1.60E-03	0.22	0.04		0.01	2.16E-06	0.05	7.28E-06
240	Recreational 1	681545.0	4860865.0	9.36E-04	2.18E-03	1.52E-05	2.87E-03	8.79E-04	7.35E-03	7.12E-04	8.62E-03	0.07	5.01E-04	3.04E-03	1.85E-03	3.85E-03	1.60E-03	0.22	0.04		0.01	2.45E-06	0.05	8.25E-06
241	Recreational 2	681563.7	4860687.4	1.04E-03	2.83E-03	1.97E-05	2.90E-03	9.61E-04	8.06E-03	9.24E-04	9.86E-03	0.07	5.48E-04	3.05E-03	2.40E-03	4.10E-03	1.62E-03	0.22	0.05		0.01	3.17E-06	0.05	1.07E-05
242	Recreational 3	681579.7	4860610.0	1.01E-03	2.65E-03	1.84E-05	2.89E-03	9.38E-04	7.86E-03	8.64E-04	9.51E-03	0.07	5.35E-04	3.04E-03	2.25E-03	4.03E-03	1.62E-03	0.22	0.05		0.01	2.97E-06	0.05	1.00E-05
243	Recreational 6	681876.6	4860254.4	1.12E-03	3.38E-03	2.35E-05	2.92E-03	1.03E-03	8.66E-03	1.10E-03	0.01	0.08	5.89E-04	3.05E-03	2.87E-03	4.31E-03	1.64E-03	0.23	0.05		0.01	3.79E-06	0.05	1.28E-05
244	Recreational 7	682166.9	4860324.4	1.02E-03	2.75E-03	1.91E-05	2.89E-03	9.50E-04	7.97E-03	8.97E-04	9.70E-03	0.07	5.42E-04	3.05E-03	2.33E-03	4.07E-03	1.62E-03	0.22	0.05		0.01	3.08E-06	0.05	1.04E-05
245	Darlington 1	679565.4	4861052.9	1.31E-03	4.67E-03	3.25E-05	2.99E-03	1.19E-03	0.01	1.52E-03	0.01	0.08	6.82E-04	3.07E-03	3.96E-03	4.80E-03	1.67E-03	0.23	0.07		0.01	5.22E-06	0.05	1.76E-05
246	Darlington 2	679452.9	4861051.4	1.24E-03	4.21E-03	2.93E-05	2.96E-03	1.13E-03	9.55E-03	1.37E-03	0.01	0.08	6.49E-04	3.06E-03	3.57E-03	4.63E-03	1.66E-03	0.23	0.06		0.01	4.71E-06	0.05	1.59E-05
247	Darlington 3	679130.5	4860948.8	1.10E-03	3.25E-03	2.26E-05	2.92E-03	1.01E-03	8.51E-03	1.06E-03	0.01	0.08	5.79E-04	3.05E-03	2.76E-03	4.26E-03	1.63E-03	0.23	0.05		0.01	3.64E-06	0.05	1.23E-05
248	Darlington 4	679112.6	4860941.9	1.11E-03	3.31E-03	2.30E-05	2.92E-03	1.02E-03	8.57E-03	1.08E-03	0.01	0.08	5.83E-04	3.05E-03	2.80E-03	4.28E-03	1.63E-03	0.23	0.05		0.01	3.70E-06	0.05	1.25E-05
249	Darlington 5	679057.6	4860994.1	1.09E-03	3.16E-03	2.20E-05	2.91E-03	1.00E-03	8.42E-03	1.03E-03	0.01	0.08	5.72E-04	3.05E-03	2.68E-03	4.23E-03	1.63E-03	0.23	0.05		0.01	3.54E-06	0.05	1.20E-05
250	Darlington 6	679075.2	4860931.6	1.11E-03	3.34E-03	2.33E-05	2.92E-03	1.03E-03	8.61E-03	1.09E-03	0.01	0.08	5.85E-04	3.05E-03	2.83E-03	4.30E-03	1.63E-03	0.23	0.05		0.01	3.74E-06	0.05	1.26E-05
251	Darlington 7	678814.3	4860843.1	1.03E-03	2.81E-03	1.96E-05	2.90E-03	9.58E-04	8.03E-03	9.17E-04	9.82E-03	0.07	5.47E-04	3.05E-03	2.39E-03	4.09E-03	1.62E-03	0.22	0.05		0.01	3.15E-06	0.05	1.06E-05
252	Darlington 8	678840.4	4860777.1	9.92E-04	2.55E-03	1.77E-05	2.88E-03	9.25E-04	7.75E-03	8.32E-04	9													



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol
				6.04E-04			2.76E-03	6.04E-04	4.98E-03		4.49E-03	0.07	3.42E-04	3.02E-03		3.02E-03	1.55E-03	0.21	0.02		0.01		0.05	
271	Future Industrial 5	679898.8	4860067.4	9.79E-04	2.46E-03	1.71E-05	2.88E-03	9.14E-04	7.65E-03	8.03E-04	9.15E-03	0.07	5.21E-04	3.04E-03	2.09E-03	3.96E-03	1.61E-03	0.22	0.04		0.01	2.76E-06	0.05	9.30E-06
272	Future Industrial 6	680134.8	4860694.1	1.20E-03	3.92E-03	2.73E-05	2.95E-03	1.10E-03	9.24E-03	1.28E-03	0.01	0.08	6.28E-04	3.06E-03	3.33E-03	4.52E-03	1.65E-03	0.23	0.06		0.01	4.39E-06	0.05	1.48E-05
273	Future Industrial 11	680253.7	4860255.2	1.03E-03	2.82E-03	1.96E-05	2.90E-03	9.60E-04	8.05E-03	9.21E-04	9.84E-03	0.07	5.48E-04	3.05E-03	2.39E-03	4.10E-03	1.62E-03	0.22	0.05		0.01	3.16E-06	0.05	1.07E-05
274	Future Industrial 12	679901.2	4860511.8	1.03E-03	2.81E-03	1.96E-05	2.90E-03	9.58E-04	8.03E-03	9.16E-04	9.81E-03	0.07	5.47E-04	3.05E-03	2.38E-03	4.09E-03	1.62E-03	0.22	0.05		0.01	3.15E-06	0.05	1.06E-05
275	Commercial Farmer	679867.8	4860445.4	1.03E-03	2.83E-03	1.97E-05	2.90E-03	9.60E-04	8.05E-03	9.22E-04	9.84E-03	0.07	5.48E-04	3.05E-03	2.40E-03	4.10E-03	1.62E-03	0.22	0.05		0.01	3.16E-06	0.05	1.07E-05
276	Farmer	679277.0	4859981.5	9.05E-04	1.98E-03	1.38E-05	2.86E-03	8.53E-04	7.13E-03	6.45E-04	8.24E-03	0.07	4.86E-04	3.04E-03	1.68E-03	3.77E-03	1.60E-03	0.22	0.04		0.01	2.22E-06	0.05	7.48E-06
277	Residence	679387.2	4860648.9	1.06E-03	2.98E-03	2.07E-05	2.90E-03	9.79E-04	8.21E-03	9.71E-04	0.01	0.07	5.59E-04	3.05E-03	2.53E-03	4.16E-03	1.62E-03	0.22	0.05		0.01	3.33E-06	0.05	1.13E-05
278	Barn	679261.9	4860574.2	9.78E-04	2.45E-03	1.71E-05	2.88E-03	9.13E-04	7.64E-03	8.01E-04	9.14E-03	0.07	5.21E-04	3.04E-03	2.08E-03	3.96E-03	1.61E-03	0.22	0.04		0.01	2.75E-06	0.05	9.28E-06
279	Residence	680150.7	4861295.7	1.04E-03	2.89E-03	2.01E-05	2.90E-03	9.69E-04	8.12E-03	9.44E-04	9.97E-03	0.07	5.53E-04	3.05E-03	2.45E-03	4.12E-03	1.62E-03	0.22	0.05		0.01	3.24E-06	0.05	1.09E-05
280	Residence	679939.8	4861213.4	1.06E-03	3.00E-03	2.09E-05	2.90E-03	9.82E-04	8.23E-03	9.78E-04	0.01	0.07	5.60E-04	3.05E-03	2.54E-03	4.16E-03	1.63E-03	0.22	0.05		0.01	3.36E-06	0.05	1.13E-05
281	Farmer	680855.7	4861456.9	1.04E-03	2.89E-03	2.01E-05	2.90E-03	9.69E-04	8.12E-03	9.44E-04	9.97E-03	0.07	5.53E-04	3.05E-03	2.45E-03	4.12E-03	1.62E-03	0.22	0.05		0.01	3.24E-06	0.05	1.09E-05
282	Farmer	681386.2	4861673.3	1.04E-03	2.88E-03	2.00E-05	2.90E-03	9.67E-04	8.10E-03	9.38E-04	9.94E-03	0.07	5.52E-04	3.05E-03	2.44E-03	4.12E-03	1.62E-03	0.22	0.05		0.01	3.22E-06	0.05	1.09E-05
283	Residence	680683.5	4861597.9	1.03E-03	2.82E-03	1.96E-05	2.90E-03	9.59E-04	8.04E-03	9.18E-04	9.82E-03	0.07	5.47E-04	3.05E-03	2.39E-03	4.09E-03	1.62E-03	0.22	0.05		0.01	3.15E-06	0.05	1.06E-05
284	Business	680064.3	4861343.7	9.87E-04	2.52E-03	1.75E-05	2.88E-03	9.21E-04	7.71E-03	8.20E-04	9.25E-03	0.07	5.25E-04	3.04E-03	2.13E-03	3.98E-03	1.61E-03	0.22	0.04		0.01	2.82E-06	0.05	9.51E-06
285	Farmer	679680.1	4861213.5	1.12E-03	3.42E-03	2.38E-05	2.93E-03	1.03E-03	8.70E-03	1.12E-03	0.01	0.08	5.91E-04	3.05E-03	2.90E-03	4.33E-03	1.64E-03	0.23	0.05		0.01	3.83E-06	0.05	1.29E-05
286	Farmer	681344.8	4861792.9	9.61E-04	2.34E-03	1.63E-05	2.87E-03	8.99E-04	7.52E-03	7.64E-04	8.93E-03	0.07	5.13E-04	3.04E-03	1.99E-03	3.91E-03	1.61E-03	0.22	0.04		0.01	2.62E-06	0.05	8.86E-06
287	Youth Centre	685644.2	4864814.8	7.72E-04	1.10E-03	7.67E-06	2.81E-03	7.43E-04	6.17E-03	3.59E-04	6.58E-03	0.07	4.22E-04	3.03E-03	9.34E-04	3.44E-03	1.58E-03	0.22	0.03		0.01	1.23E-06	0.05	4.16E-06
288	Bowmanville Arena	685462.9	4864615.2	7.70E-04	1.09E-03	7.58E-06	2.81E-03	7.41E-04	6.16E-03	3.55E-04	6.55E-03	0.07	4.21E-04	3.03E-03	9.24E-04	3.43E-03	1.58E-03	0.22	0.03		0.01	1.22E-06	0.05	4.12E-06
289	Bowmanville Rec Complex	684160.3	4864604.5	7.98E-04	1.27E-03	8.85E-06	2.82E-03	7.64E-04	6.36E-03	4.15E-04	6.90E-03	0.07	4.35E-04	3.03E-03	1.08E-03	3.50E-03	1.58E-03	0.22	0.03		0.01	1.42E-06	0.05	4.80E-06
290	Recreation Complex	684586.6	4862406.3	7.81E-04	1.16E-03	8.08E-06	2.82E-03	7.50E-04	6.24E-03	3.79E-04	6.69E-03	0.07	4.27E-04	3.03E-03	9.85E-04	3.46E-03	1.58E-03	0.22	0.03		0.01	1.30E-06	0.05	4.39E-06
291	Superdog Central	681487.7	4865723.3	7.48E-04	9.44E-04	6.57E-06	2.80E-03	7.23E-04	6.00E-03	3.08E-04	6.28E-03	0.07	4.11E-04	3.03E-03	8.01E-04	3.38E-03	1.57E-03	0.22	0.03		0.01	1.06E-06	0.05	3.57E-06
292	Equestrian Centre	681567.1	4863670.7	8.54E-04	1.64E-03	1.14E-05	2.84E-03	8.11E-04	6.76E-03	5.35E-04	7.60E-03	0.07	4.61E-04	3.03E-03	1.39E-03	3.64E-03	1.59E-03	0.22	0.04		0.01	1.84E-06	0.05	6.20E-06
293	Flea Market	678574.6	4862819.4	8.72E-04	1.76E-03	1.22E-05	2.84E-03	8.26E-04	6.89E-03	5.73E-04	7.82E-03	0.07	4.70E-04	3.04E-03	1.49E-03	3.69E-03	1.59E-03	0.22	0.04		0.01	1.97E-06	0.05	6.64E-06
294	Equestrian Centre	680030.8	4867320.2	6.91E-04	5.73E-04	3.99E-06	2.79E-03	6.76E-04	5.60E-03	1.87E-04	5.57E-03	0.07	3.84E-04	3.02E-03	4.86E-04	3.24E-03	1.56E-03	0.21	0.02		0.01	6.42E-07	0.05	2.17E-06
295	Courtice Community Comp	678099.3	4864629.8	7.47E-04	9.42E-04	6.55E-06	2.80E-03	7.23E-04	6.00E-03	3.07E-04	6.27E-03	0.07	4.11E-04	3.03E-03	7.98E-04	3.38E-03	1.57E-03	0.22	0.03		0.01	1.05E-06	0.05	3.56E-06
296	Former Restaurant	679830.2	4860702.2	9.89E-04	2.53E-03	1.76E-05	2.88E-03	9.22E-04	7.72E-03	8.24E-04	9.28E-03	0.07	5.26E-04	3.04E-03	2.14E-03	3.98E-03	1.61E-03	0.22	0.04		0.01	2.83E-06	0.05	9.55E-06
297	Commercial	679364.8	4861016.0	1.12E-03	3.38E-03	2.35E-05	2.92E-03	1.03E-03	8.65E-03	1.10E-03	0.01	0.08	5.88E-04	3.05E-03	2.87E-03	4.31E-03	1.63E-03	0.23	0.05		0.01	3.79E-06	0.05	1.28E-05
298	GM Oshawa Headquarters	676418.3	4860463.7	8.48E-04	1.61E-03	1.12E-05	2.84E-03	8.06E-04	6.72E-03	5.24E-04	7.53E-03	0.07	4.59E-04	3.03E-03	1.36E-03	3.63E-03	1.59E-03	0.22	0.04		0.01	1.80E-06	0.05	6.07E-06
299	Farm A?	682972.3	4862201.9	8.38E-04	1.54E-03	1.07E-05	2.83E-03	7.98E-04	6.65E-03	5.02E-04	7.40E-03	0.07	4.54E-04	3.03E-03	1.30E-03	3.61E-03	1.59E-03	0.22	0.03		0.01	1.72E-06	0.05	5.81E-06
300	Farm B?	683546.9	4861959.7	8.50E-04	1.61E-03	1.12E-05	2.84E-03	8.07E-04	6.72E-03	5.26E-04	7.54E-03	0.07	4.59E-04	3.03E-03	1.37E-03	3.63E-03	1.59E-03	0.22	0.04		0.01	1.81E-06	0.05	6.10E-06
301	Farm C?	682547.5	4862321.1	9.18E-04	2.06E-03	1.43E-05	2.86E-03	8.64E-04	7.23E-03	6.72E-04	8.39E-03	0.07	4.92E-04	3.04E-03	1.75E-03	3.81E-03	1.60E-03	0.22	0.04		0.01	2.31E-06	0.05	7.79E-06
302	Farm D?	683238.3	4862393.3	8.22E-04	1.43E-03	9.97E-06	2.83E-03	7.85E-04	6.53E-03	4.68E-04	7.20E-03	0.07	4.46E-04	3.03E-03	1.22E-03	3.57E-03	1.59E-03	0.22	0.03		0.01	1.61E-06	0.05	5.42E-06
303	Farm E?	682512.6	4862858.0	9.14E-04	2.03E-03	1.42E-05	2.86E-03	8.60E-04	7.19E-03	6.63E-04	8.34E-03	0.07	4.90E-04	3.04E-03	1.72E-03	3.80E-03	1.60E-03	0.22	0.04		0.01	2.28E-06	0.05	7.69E-06
304	Farm F?	683129.1	4863649.4	8.36E-04	1.53E-03	1.06E-05	2.83E-03	7.96E-04	6.64E-03	4.98E-04	7.38E-03	0.07	4.53E-04	3.03E-03	1.29E-03	3.60E-03	1.59E-03	0.22	0.03		0.01	1.71E-06	0.05	5.77E-06
305	Bennett 1	688209.3	4862512.1	7.21E-04	7.69E-04	5.35E-06	2.80E-03	7.01E-04	5.81E-03	2.51E-04	5.95E-03	0.07	3.98E-04	3.03E-03	6.52E-04	3.31E-03	1.57E-03	0.21	0.03		0.01	8.61E-07	0.05	2.91E-06
306	Bennett 2	687990.0	4863221.3	7.07E-04	6.73E-04	4.68E-06	2.79E-03	6.89E-04	5.71E-03	2.19E-04	5.76E-03	0.07	3.91E-04	3.02E-03	5.71E-04	3.27E-03								

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Cadmium (Cd)	Cadmium and Thallium (Cd + Th)	Chromium (hexavalent)	Total Chromium (and compounds)	Cobalt	Lead (Pb)	Mercury (Hg) - Vapour/Particulate phase	Nickel	Phosphorus	Silver	Selenium	Thallium	Tin	Vanadium	Zinc	Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb)	Chlorinated Monocyclic Aromatics	1,2-Dichlorobenzene	1,2,4,5-Tetrachlorobenzene	1,2,4-Trichlorobenzene	2,3,4,6-Tetrachlorophenol
		(m)	(m)	6.55E-04	4.30E-03	2.99E-05	2.11E-04	5.42E-04	4.68E-03	1.40E-03	8.15E-03	4.31E-03	3.14E-04	4.49E-05	3.65E-03	1.65E-03	1.09E-04	0.02	0.04		1.91E-04	4.82E-06	4.82E-06	1.63E-05
325	Bowmanville 5	682452.2	4869417.5	6.77E-04	4.77E-04	3.32E-06	2.78E-03	6.64E-04	5.50E-03	1.56E-04	5.39E-03	0.07	3.77E-04	3.02E-03	4.05E-04	3.20E-03	1.56E-03	0.21	0.02	0.01	5.34E-07	0.05	1.80E-06	
326	Bowmanville 6	684778.5	4864888.2	7.23E-04	7.83E-04	5.44E-06	2.80E-03	7.03E-04	5.83E-03	2.55E-04	5.97E-03	0.07	3.99E-04	3.03E-03	6.63E-04	3.32E-03	1.57E-03	0.22	0.03	0.01	8.76E-07	0.05	2.96E-06	
327	Bowmanville 7	684549.5	4866404.4	7.27E-04	8.05E-04	5.60E-06	2.80E-03	7.06E-04	5.85E-03	2.63E-04	6.01E-03	0.07	4.01E-04	3.03E-03	6.83E-04	3.33E-03	1.57E-03	0.22	0.03	0.01	9.01E-07	0.05	3.04E-06	
328	Upper Tooley 1	679944.8	4864883.1	7.78E-04	1.14E-03	7.95E-06	2.81E-03	7.48E-04	6.22E-03	3.73E-04	6.65E-03	0.07	4.25E-04	3.03E-03	9.69E-04	3.45E-03	1.58E-03	0.22	0.03	0.01	1.28E-06	0.05	4.32E-06	
329	Upper Tooley 2	679055.1	4863885.8	7.54E-04	9.88E-04	6.87E-06	2.81E-03	7.29E-04	6.05E-03	3.22E-04	6.36E-03	0.07	4.14E-04	3.03E-03	8.37E-04	3.39E-03	1.57E-03	0.22	0.03	0.01	1.11E-06	0.05	3.73E-06	
330	Upper Tooley 3	679714.0	4862767.4	8.86E-04	1.85E-03	1.29E-05	2.85E-03	8.38E-04	6.99E-03	6.05E-04	8.00E-03	0.07	4.77E-04	3.04E-03	1.57E-03	3.73E-03	1.60E-03	0.22	0.04	0.01	2.08E-06	0.05	7.01E-06	
331	Upper Tooley 4	678898.8	4861800.6	1.05E-03	2.91E-03	2.02E-05	2.90E-03	9.70E-04	8.14E-03	9.48E-04	9.99E-03	0.07	5.54E-04	3.05E-03	2.46E-03	4.13E-03	1.62E-03	0.22	0.05	0.01	3.25E-06	0.05	1.10E-05	
332	Upper Tooley 5	680353.5	4862156.5	9.78E-04	2.46E-03	1.71E-05	2.88E-03	9.14E-04	7.65E-03	8.01E-04	9.14E-03	0.07	5.21E-04	3.04E-03	2.08E-03	3.96E-03	1.61E-03	0.22	0.04	0.01	2.75E-06	0.05	9.29E-06	
333	Upper Tooley 6	679818.1	4861625.7	9.57E-04	2.32E-03	1.61E-05	2.87E-03	8.96E-04	7.50E-03	7.56E-04	8.88E-03	0.07	5.11E-04	3.04E-03	1.97E-03	3.90E-03	1.61E-03	0.22	0.04	0.01	2.60E-06	0.05	8.76E-06	
334	Robinson 1	678434.8	4860943.1	9.63E-04	2.36E-03	1.64E-05	2.87E-03	9.01E-04	7.54E-03	7.70E-04	8.96E-03	0.07	5.14E-04	3.04E-03	2.00E-03	3.92E-03	1.61E-03	0.22	0.04	0.01	2.64E-06	0.05	8.92E-06	
335	Robinson 2	677752.6	4861240.6	9.01E-04	1.95E-03	1.36E-05	2.85E-03	8.50E-04	7.10E-03	6.37E-04	8.19E-03	0.07	4.84E-04	3.04E-03	1.66E-03	3.76E-03	1.60E-03	0.22	0.04	0.01	2.19E-06	0.05	7.38E-06	
336	Robinson 3	677642.2	4861787.2	8.67E-04	1.73E-03	1.20E-05	2.84E-03	8.22E-04	6.85E-03	5.63E-04	7.76E-03	0.07	4.68E-04	3.04E-03	1.46E-03	3.68E-03	1.59E-03	0.22	0.04	0.01	1.93E-06	0.05	6.52E-06	
337	Robinson 4	678532.7	4862143.6	9.68E-04	2.39E-03	1.66E-05	2.88E-03	9.05E-04	7.58E-03	7.80E-04	9.02E-03	0.07	5.16E-04	3.04E-03	2.03E-03	3.93E-03	1.61E-03	0.22	0.04	0.01	2.68E-06	0.05	9.04E-06	
338	Robinson 5	678005.1	4862784.9	8.96E-04	1.92E-03	1.33E-05	2.85E-03	8.45E-04	7.06E-03	6.25E-04	8.12E-03	0.07	4.82E-04	3.04E-03	1.62E-03	3.75E-03	1.60E-03	0.22	0.04	0.01	2.14E-06	0.05	7.24E-06	
339	Robinson 6	677882.7	4860587.7	8.95E-04	1.91E-03	1.33E-05	2.85E-03	8.45E-04	7.05E-03	6.23E-04	8.10E-03	0.07	4.81E-04	3.04E-03	1.62E-03	3.75E-03	1.60E-03	0.22	0.04	0.01	2.14E-06	0.05	7.21E-06	
340	F/B 1	677443.1	4867862.1	7.01E-04	6.39E-04	4.45E-06	2.79E-03	6.85E-04	5.67E-03	5.70E-04	5.70E-03	0.07	3.88E-04	3.02E-03	5.42E-04	3.26E-03	1.57E-03	0.21	0.03	0.01	7.15E-07	0.05	2.41E-06	
341	F/B 2	679667.4	4866611.4	7.23E-04	7.81E-04	5.43E-06	2.80E-03	7.02E-04	5.83E-03	2.55E-04	5.97E-03	0.07	3.99E-04	3.03E-03	6.62E-04	3.32E-03	1.57E-03	0.22	0.03	0.01	8.74E-07	0.05	2.95E-06	
342	F/B 3	678655.0	4867470.1	7.54E-04	9.83E-04	6.84E-06	2.81E-03	7.28E-04	6.05E-03	3.21E-04	6.35E-03	0.07	4.14E-04	3.03E-03	8.34E-04	3.39E-03	1.57E-03	0.22	0.03	0.01	1.10E-06	0.05	3.72E-06	
343	F/B 4	676191.2	4866844.7	7.04E-04	6.57E-04	4.57E-06	2.79E-03	6.87E-04	5.69E-03	2.14E-04	5.73E-03	0.07	3.90E-04	3.02E-03	5.57E-04	3.27E-03	1.57E-03	0.21	0.03	0.01	7.36E-07	0.05	2.48E-06	
344	F/B 5	678273.3	4866093.0	7.37E-04	8.76E-04	6.10E-06	2.80E-03	7.14E-04	5.93E-03	2.86E-04	6.15E-03	0.07	4.06E-04	3.03E-03	7.43E-04	3.35E-03	1.57E-03	0.22	0.03	0.01	9.81E-07	0.05	3.31E-06	
345	F/B 6	681241.2	4867098.8	6.92E-04	5.80E-04	4.03E-06	2.79E-03	6.77E-04	5.61E-03	1.89E-04	5.59E-03	0.07	3.84E-04	3.02E-03	4.92E-04	3.24E-03	1.56E-03	0.21	0.03	0.01	6.49E-07	0.05	2.19E-06	
346	F/B 7	682165.3	4868082.3	6.96E-04	6.03E-04	4.19E-06	2.79E-03	6.80E-04	5.63E-03	1.97E-04	5.63E-03	0.07	3.86E-04	3.02E-03	5.11E-04	3.25E-03	1.56E-03	0.21	0.03	0.01	6.75E-07	0.05	2.28E-06	
347	F/B 8	679366.6	4868628.3	7.05E-04	6.60E-04	4.59E-06	2.79E-03	6.87E-04	5.69E-03	2.15E-04	5.74E-03	0.07	3.90E-04	3.02E-03	5.60E-04	3.27E-03	1.57E-03	0.21	0.03	0.01	7.39E-07	0.05	2.50E-06	
348	F/B 9	680310.1	4869967.1	6.62E-04	3.82E-04	2.66E-06	2.78E-03	6.52E-04	5.39E-03	1.25E-04	5.21E-03	0.07	3.70E-04	3.02E-03	3.24E-04	3.16E-03	1.56E-03	0.21	0.02	0.01	4.28E-07	0.05	1.44E-06	
349	F/B 10	676487.3	4869291.6	7.34E-04	8.54E-04	5.94E-06	2.80E-03	7.12E-04	5.91E-03	2.79E-04	6.11E-03	0.07	4.04E-04	3.03E-03	7.24E-04	3.34E-03	1.57E-03	0.22	0.03	0.01	9.57E-07	0.05	3.23E-06	
350	F/B 11	676851.4	4865409.3	7.33E-04	8.46E-04	5.89E-06	2.80E-03	7.11E-04	5.90E-03	2.76E-04	6.09E-03	0.07	4.04E-04	3.03E-03	7.18E-04	3.34E-03	1.57E-03	0.22	0.03	0.01	9.48E-07	0.05	3.20E-06	
351	F/B 12	681153.3	4868682.2	6.77E-04	4.76E-04	3.31E-06	2.78E-03	6.64E-04	5.49E-03	1.55E-04	5.39E-03	0.07	3.77E-04	3.02E-03	4.04E-04	3.20E-03	1.56E-03	0.21	0.02	0.01	5.33E-07	0.05	1.80E-06	
352	F/B 13	675416.3	4859833.9	8.09E-04	1.34E-03	9.35E-06	2.82E-03	7.73E-04	6.44E-03	4.38E-04	7.03E-03	0.07	4.40E-04	3.03E-03	1.14E-03	3.53E-03	1.58E-03	0.22	0.03	0.01	1.50E-06	0.05	5.08E-06	
353	Second 1	675153.4	4860552.8	7.71E-04	1.09E-03	7.61E-06	2.81E-03	7.42E-04	6.17E-03	3.57E-04	6.56E-03	0.07	4.22E-04	3.03E-03	9.27E-04	3.44E-03	1.58E-03	0.22	0.03	0.01	1.22E-06	0.05	4.13E-06	
354	Second 2	675297.5	4860891.3	7.71E-04	1.09E-03	7.61E-06	2.81E-03	7.42E-04	6.17E-03	3.57E-04	6.56E-03	0.07	4.22E-04	3.03E-03	9.27E-04	3.44E-03	1.58E-03	0.22	0.03	0.01	1.22E-06	0.05	4.13E-06	
355	Second 3	675647.2	4860644.9	7.84E-04	1.18E-03	8.20E-06	2.82E-03	7.53E-04	6.26E-03	3.84E-04	6.72E-03	0.07	4.28E-04	3.03E-03	9.99E-04	3.47E-03	1.58E-03	0.22	0.03	0.01	1.32E-06	0.05	4.45E-06	
356	Second 4	675670.5	4860076.5	8.11E-04	1.36E-03	9.48E-06	2.82E-03	7.76E-04	6.46E-03	4.44E-04	7.07E-03	0.07	4.41E-04	3.03E-03	1.16E-03	3.54E-03	1.58E-03	0.22	0.03	0.01	1.53E-06	0.05	5.15E-06	
357	Second 5	676043.3	4860319.1	8.07E-04	1.33E-03	9.26E-06	2.82E-03	7.72E-04	6.42E-03	4.34E-04	7.01E-03	0.07	4.39E-04	3.03E-03	1.13E-03	3.53E-03	1.58E-03	0.22	0.03	0.01	1.49E-06	0.05	5.03E-06	
358	Second 6	675923.4	4859821.4	8.56E-04	1.66E-03	1.15E-05	2.84E-03	8.13E-04	6.78E-03	5.41E-04	7.63E-03	0.07	4.63E-04	3.03E-03	1.41E-03	3.65E-03	1.59E-03	0.22	0.04	0.01	1.86E-06	0.05	6.26E-06	
359	McLaughlin Bay 1	676714.7	4860903.8	8.09E-04	1.35E-03	9.36E-06	2.82E-03	7.74E-04	6.44E-03	4.39E-04	7.04E-03	0.07	4.40E-04	3.03E-03	1.14E-03	3.53E-03	1.58E-03	0.22	0.03	0.01	1.51E-06	0.05	5.08E-06	
360	McLaughlin Bay 2	677310.8	4860528.2	9.08E-04	2.00E-03	1.39E-05	2.86E-03	8.55E-04	7.15E-03	6.51E-04	8.27E-03	0.07	4.87E-04	3.04E-03	1.69E-03	3.78E-03	1.60E-03	0.22	0.04	0.01	2.23E-06	0.05	7.54E-06	
361	McLaughlin Bay 3	676563.5	4860260.1	8.42E-04	1.56E-03	1.09E-05	2.83E-03	8.01E-04	6.67E-03	5.09E-04	7.44E-03	0.07	4.56E-04	3.03E-03	1.32E-03	3.61E-03	1.59E-03	0.22	0.03	0.01	1.75E-06	0.05	5.90E-06	
362	McLaugh																							



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene
		(m)	(m)	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05		8.76E-04	6.25E-05	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	1.35E-04	2.51E-06
1	Campground 10	678526.8	4859996.8	2.12E-06	4.17E-06	8.85E-04	6.46E-05	5.48E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.09E-06	6.78E-05	2.71E-04	
2	ECO 2	675490.4	4860360.1	1.27E-06	2.49E-06	8.81E-04	6.37E-05	3.28E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.49E-07	6.78E-05	2.71E-04	
3	Recreational 5	681642.0	4860349.3	3.45E-06	6.79E-06	8.90E-04	6.59E-05	8.92E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.35E-05	6.80E-05	1.36E-04	1.56E-03	1.35E-04	9.67E-05	1.35E-04	1.77E-06	6.78E-05	2.71E-04	
4	ECO 4	676831.5	4859840.9	2.64E-06	5.20E-06	8.87E-04	6.51E-05	6.83E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.35E-06	6.78E-05	2.71E-04	
5	Bow. Valley Cons. 3	685767.2	4863879.0	1.17E-06	2.31E-06	8.81E-04	6.36E-05	3.03E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.01E-07	6.78E-05	2.71E-04	
6	ECO 6	679647.8	4859989.3	2.41E-06	4.74E-06	8.86E-04	6.48E-05	6.22E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.23E-06	6.78E-05	2.71E-04	
7	ECO 7	681578.8	4862070.1	2.74E-06	5.39E-06	8.87E-04	6.52E-05	7.08E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.40E-06	6.78E-05	2.71E-04	
8	ECO 8	679735.5	4861048.6	5.13E-06	1.01E-05	8.96E-04	6.75E-05	1.33E-05	3.11E-04	1.25E-03	1.63E-04	6.79E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.48E-05	6.81E-05	1.36E-04	1.66E-03	1.35E-04	9.68E-05	1.35E-04	2.63E-06	6.78E-05	2.71E-04	
9	ECO 9	687219.7	4864249.3	1.06E-06	2.10E-06	8.80E-04	6.35E-05	2.75E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.45E-07	6.78E-05	2.71E-04	
10	ECO 10	686519.0	4861987.6	1.14E-06	2.24E-06	8.81E-04	6.36E-05	2.94E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.83E-07	6.78E-05	2.71E-04	
11	ECO 11	679870.4	4859737.9	2.57E-06	5.07E-06	8.86E-04	6.50E-05	6.66E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.32E-06	6.78E-05	2.71E-04	
12	Recreational 4	681575.5	4860557.7	2.58E-06	5.08E-06	8.86E-04	6.50E-05	6.67E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.32E-06	6.78E-05	2.71E-04	
13	Future Industrial 9	680704.5	4859857.8	2.40E-06	4.72E-06	8.86E-04	6.48E-05	6.20E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.23E-06	6.78E-05	2.71E-04	
14	Future Industrial 10	680608.0	4860719.6	4.22E-06	8.31E-06	8.93E-04	6.66E-05	1.09E-05	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.41E-05	6.80E-05	1.36E-04	1.60E-03	1.35E-04	9.67E-05	1.35E-04	2.16E-06	6.78E-05	2.71E-04	
15	Harmony Creek	673992.4	4865641.4	1.21E-06	2.38E-06	8.81E-04	6.37E-05	3.13E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.20E-07	6.78E-05	2.71E-04	
16	Farewell Creek	678079.2	4868822.7	9.42E-07	1.85E-06	8.80E-04	6.34E-05	2.44E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.82E-07	6.78E-05	2.71E-04	
17	Farmer	681378.6	4860335.0	3.69E-06	7.26E-06	8.91E-04	6.61E-05	9.53E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.36E-05	6.80E-05	1.36E-04	1.57E-03	1.35E-04	9.67E-05	1.35E-04	1.89E-06	6.78E-05	2.71E-04	
18	Watson Farm	682883.4	4864219.7	2.40E-06	4.73E-06	8.86E-04	6.48E-05	6.21E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.23E-06	6.78E-05	2.71E-04	
19	Racanski Farm	678929.2	4865530.2	1.64E-06	3.22E-06	8.83E-04	6.41E-05	4.23E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.38E-07	6.78E-05	2.71E-04	
20	Zoo	687216.8	4864835.3	8.91E-07	1.75E-06	8.80E-04	6.34E-05	2.30E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.56E-07	6.78E-05	2.71E-04	
21	Cedar Crest Beach	686652.1	4861660.9	1.79E-06	3.52E-06	8.83E-04	6.42E-05	4.62E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.65E-05	1.35E-04	9.16E-07	6.78E-05	2.71E-04	
22	Darlington Prov Park Beach	677844.6	4859718.2	2.44E-06	4.80E-06	8.86E-04	6.49E-05	6.31E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.25E-06	6.78E-05	2.71E-04	
23	OPG 1	682258.1	4860045.0	3.01E-06	5.92E-06	8.88E-04	6.54E-05	7.77E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.31E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.54E-06	6.78E-05	2.71E-04	
24	OPG 2	682551.4	4859889.1	2.24E-06	4.40E-06	8.85E-04	6.47E-05	5.78E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.15E-06	6.78E-05	2.71E-04	
25	OPG 3	682824.6	4859759.3	1.96E-06	3.85E-06	8.84E-04	6.44E-05	5.05E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	1.00E-06	6.78E-05	2.71E-04	
26	OPG 4	683021.6	4859937.3	2.07E-06	4.07E-06	8.84E-04	6.45E-05	5.34E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.06E-06	6.78E-05	2.71E-04	
27	OPG 5	683318.2	4859677.8	1.58E-06	3.11E-06	8.82E-04	6.40E-05	4.08E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	8.09E-07	6.78E-05	2.71E-04	
28	OPG 6	683306.9	4860023.0	2.01E-06	3.96E-06	8.84E-04	6.45E-05	5.20E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.03E-06	6.78E-05	2.71E-04	
29	OPG 7	683718.6	4859915.8	1.50E-06	2.95E-06	8.82E-04	6.40E-05	3.88E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.68E-07	6.78E-05	2.71E-04	
30	OPG 8	682702.0	4859998.6	2.47E-06	4.86E-06	8.86E-04	6.49E-05	6.38E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.26E-06	6.78E-05	2.71E-04	
31	OPG 9	684347.7	4861184.6	1.63E-06	3.21E-06	8.83E-04	6.41E-05	4.22E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.35E-07	6.78E-05	2.71E-04	
32	OPG 10	682157.2	4861228.2	2.81E-06	5.53E-06	8.87E-04	6.52E-05	7.27E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.30E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.44E-06	6.78E-05	2.71E-04	
33	St. Mary's 1	684557.0	4861070.0	1.98E-06	3.90E-06	8.84E-04	6.44E-05	5.12E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.01E-06	6.78E-05	2.71E-04	
34	St. Mary's 2	684657.3	4861320.8	1.48E-06	2.92E-06	8.82E-04	6.39E-05	3.83E-06	3.10E-04																		



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene
		(m)	(m)	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05		8.76E-04	6.25E-05	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	1.35E-04	2.51E-06
55	Bow, Subdivision 10	685266.0	4863243.1	1.36E-06	2.68E-06	8.82E-04	6.38E-05	3.51E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.96E-07	6.78E-05	2.71E-04
56	Osh/Court Subdivision 1	677396.8	4860977.3	3.12E-06	6.14E-06	8.89E-04	6.56E-05	8.07E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.60E-06	6.78E-05	2.71E-04
57	Osh/Court Subdivision 2	676633.5	4860816.8	1.68E-06	3.30E-06	8.83E-04	6.41E-05	4.34E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.59E-07	6.78E-05	2.71E-04
58	Osh/Court Subdivision 3	676916.0	4861925.0	1.51E-06	2.97E-06	8.82E-04	6.40E-05	3.90E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.73E-07	6.78E-05	2.71E-04
59	Osh/Court Subdivision 4	676730.5	4861317.1	2.49E-06	4.90E-06	8.86E-04	6.49E-05	6.44E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.27E-06	6.78E-05	2.71E-04
60	Osh/Court Subdivision 5	676087.2	4861392.3	1.76E-06	3.46E-06	8.83E-04	6.42E-05	4.55E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	9.01E-07	6.78E-05	2.71E-04
61	Osh/Court Subdivision 6	676177.1	4861722.2	1.25E-06	2.46E-06	8.81E-04	6.37E-05	3.23E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.40E-07	6.78E-05	2.71E-04
62	Osh/Court Subdivision 7	675670.7	4861783.2	1.24E-06	2.44E-06	8.81E-04	6.37E-05	3.21E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.35E-07	6.78E-05	2.71E-04
63	Osh/Court Subdivision 8	676050.8	4862055.7	1.22E-06	2.40E-06	8.81E-04	6.37E-05	3.15E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.23E-07	6.78E-05	2.71E-04
64	Osh/Court Subdivision 9	676636.9	4862134.3	1.31E-06	2.59E-06	8.81E-04	6.38E-05	3.40E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.73E-07	6.78E-05	2.71E-04
65	Osh/Court Subdivision 10	676571.3	4861634.8	1.41E-06	2.77E-06	8.82E-04	6.39E-05	3.63E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.20E-07	6.78E-05	2.71E-04
66	Bow, Subdivision 11	684649.2	4863182.7	1.35E-06	2.66E-06	8.82E-04	6.38E-05	3.49E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.92E-07	6.78E-05	2.71E-04
67	Daycare B	685172.4	4863933.1	9.90E-07	1.95E-06	8.80E-04	6.35E-05	2.56E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.07E-07	6.78E-05	2.71E-04
68	Daycare C	685452.0	4863104.4	1.16E-06	2.28E-06	8.81E-04	6.36E-05	2.99E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.93E-07	6.78E-05	2.71E-04
69	Daycare D	685527.7	4864693.3	1.26E-06	2.48E-06	8.81E-04	6.37E-05	3.26E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.46E-07	6.78E-05	2.71E-04
70	Daycare E	685735.4	4864790.8	1.18E-06	2.32E-06	8.81E-04	6.36E-05	3.06E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.03E-07	6.78E-05	2.71E-04
71	Daycare F	685520.3	4864854.3	1.28E-06	2.52E-06	8.81E-04	6.37E-05	3.31E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.56E-07	6.78E-05	2.71E-04
72	Daycare G	685441.9	4864878.0	1.25E-06	2.45E-06	8.81E-04	6.37E-05	3.22E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.38E-07	6.78E-05	2.71E-04
73	Daycare H	686364.8	4864707.8	8.03E-07	1.58E-06	8.79E-04	6.33E-05	2.08E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.11E-07	6.77E-05	2.71E-04
74	Daycare I	685721.6	4865127.3	1.17E-06	2.30E-06	8.81E-04	6.36E-05	3.02E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.99E-07	6.78E-05	2.71E-04
75	Daycare J	678256.3	4863565.4	1.40E-06	2.75E-06	8.82E-04	6.39E-05	3.61E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.16E-07	6.78E-05	2.71E-04
76	Daycare K	677694.1	4864043.7	1.10E-06	2.17E-06	8.81E-04	6.36E-05	2.86E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.66E-07	6.78E-05	2.71E-04
77	Daycare L	676479.5	4862526.2	1.56E-06	3.07E-06	8.82E-04	6.40E-05	4.03E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.98E-07	6.78E-05	2.71E-04
78	Daycare M	678320.9	4864763.5	1.07E-06	2.10E-06	8.80E-04	6.35E-05	2.76E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.46E-07	6.78E-05	2.71E-04
79	Daycare N	678513.4	4865058.0	9.16E-07	1.80E-06	8.80E-04	6.34E-05	2.37E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.69E-07	6.77E-05	2.71E-04
80	Daycare O	672788.7	4863936.6	5.57E-07	1.10E-06	8.78E-04	6.30E-05	1.44E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	8.95E-07	6.77E-05	2.71E-04
81	Daycare P	673952.8	4863592.5	7.29E-07	1.44E-06	8.79E-04	6.32E-05	1.89E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.74E-07	6.77E-05	2.71E-04
82	Daycare Q	671751.8	4864887.7	5.06E-07	9.95E-07	8.78E-04	6.30E-05	1.31E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.59E-07	6.77E-05	2.71E-04
83	Daycare R	685714.4	4864667.4	1.11E-06	2.19E-06	8.81E-04	6.36E-05	2.87E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.69E-07	6.78E-05	2.71E-04
84	Daycare S	684177.9	4863618.2	1.79E-06	3.52E-06	8.83E-04	6.42E-05	4.63E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.65E-05	1.35E-04	9.17E-07	6.78E-05	2.71E-04
85	Daycare T	68423.6	4864480.4	1.11E-06	2.18E-06	8.81E-04	6.36E-05	2.87E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.08E-07	6.78E-05	2.71E-04
86	Daycare U	685330.5	4863435.1	1.27E-06	2.51E-06	8.81E-04	6.37E-05	3.29E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.52E-07	6.78E-05	2.71E-04
87	Daycare V	685153.2	4863236.9	1.27E-06	2.51E-06	8.81E-04	6.37E-05	3.29E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6		

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene
		(m)	(m)	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05		8.76E-04	6.25E-05	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	1.35E-04	2.51E-06
109	Hospital (Children's)	676057.8	4862180.9	1.39E-06	2.74E-06	8.82E-04	6.39E-05	3.60E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.13E-07	6.78E-05	2.71E-04
110	Hospital	671233.2	4863615.9	5.49E-07	1.08E-06	8.78E-04	6.30E-05	1.42E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.81E-07	6.77E-05	2.71E-04
111	Comm. Resp. Services	676045.4	4863902.5	1.49E-06	2.93E-06	8.82E-04	6.39E-05	3.84E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.61E-07	6.78E-05	2.71E-04
112	Hospital	671712.7	4862364.1	5.95E-07	1.17E-06	8.79E-04	6.31E-05	1.54E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.05E-07	6.77E-05	2.71E-04
113	Retirement Residence A	684199.9	4864120.3	1.38E-06	2.72E-06	8.82E-04	6.38E-05	3.58E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.08E-07	6.78E-05	2.71E-04
114	Retirement Residence B	685483.9	4865150.9	1.01E-06	1.98E-06	8.80E-04	6.35E-05	2.60E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.16E-07	6.78E-05	2.71E-04
115	Retirement Residence C	686844.0	4864732.1	9.31E-07	1.83E-06	8.80E-04	6.34E-05	2.41E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.77E-07	6.77E-05	2.71E-04
116	Retirement Residence D	673481.7	4863343.4	7.72E-07	1.52E-06	8.79E-04	6.32E-05	2.00E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.95E-07	6.77E-05	2.71E-04
117	Retirement Residence E	671825.2	4864399.0	5.31E-07	1.04E-06	8.78E-04	6.30E-05	1.37E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.72E-07	6.77E-05	2.71E-04
118	Retirement Residence F	671606.3	4864536.0	5.22E-07	1.03E-06	8.78E-04	6.30E-05	1.35E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.67E-07	6.77E-05	2.71E-04
119	Retirement Residence G	671357.1	4862958.7	5.98E-07	1.18E-06	8.79E-04	6.31E-05	1.55E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.06E-07	6.77E-05	2.71E-04
120	Retirement Residence H	671514.0	4862262.9	6.21E-07	1.22E-06	8.79E-04	6.31E-05	1.61E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.18E-07	6.77E-05	2.71E-04
121	Retirement Residence I	672602.2	4863075.9	6.26E-07	1.23E-06	8.79E-04	6.31E-05	1.62E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.21E-07	6.77E-05	2.71E-04
122	Retirement Residence J	671719.1	4862893.1	6.04E-07	1.19E-06	8.79E-04	6.31E-05	1.56E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.09E-07	6.77E-05	2.71E-04
123	Retirement Residence K	686718.0	4865648.7	9.40E-07	1.85E-06	8.80E-04	6.34E-05	2.43E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.81E-07	6.77E-05	2.71E-04
124	Retirement Residence L	676168.7	4865669.9	1.00E-06	1.97E-06	8.80E-04	6.35E-05	2.59E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.13E-07	6.77E-05	2.71E-04
125	Retirement Residence M	676118.5	4863980.7	1.50E-06	2.95E-06	8.82E-04	6.40E-05	3.87E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.67E-07	6.78E-05	2.71E-04
126	Bow. Subdivision 12	684649.2	4863182.7	1.35E-06	2.66E-06	8.82E-04	6.38E-05	3.49E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.92E-07	6.78E-05	2.71E-04
127	Primary School B	685384.8	4863575.3	1.29E-06	2.55E-06	8.81E-04	6.38E-05	3.34E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.62E-07	6.78E-05	2.71E-04
128	Primary School C	685021.6	4863952.9	9.77E-07	1.92E-06	8.80E-04	6.34E-05	2.53E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.00E-07	6.78E-05	2.71E-04
129	Primary School D	686237.0	4864085.5	1.12E-06	2.21E-06	8.81E-04	6.36E-05	2.90E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.74E-07	6.78E-05	2.71E-04
130	Primary School E	686719.0	4863734.7	1.05E-06	2.07E-06	8.80E-04	6.35E-05	2.72E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.38E-07	6.78E-05	2.71E-04
131	Primary School F	686357.0	4864754.9	7.62E-07	1.50E-06	8.79E-04	6.32E-05	1.97E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.90E-07	6.77E-05	2.71E-04
132	Primary School G	685502.0	4865013.4	1.17E-06	2.31E-06	8.81E-04	6.36E-05	3.03E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.00E-07	6.78E-05	2.71E-04
133	Primary School H	686726.7	4866061.5	8.85E-07	1.74E-06	8.80E-04	6.34E-05	2.29E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.53E-07	6.77E-05	2.71E-04
134	Primary School I	685186.2	4866568.2	8.09E-07	1.59E-06	8.79E-04	6.33E-05	2.09E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.15E-07	6.77E-05	2.71E-04
135	Primary School J	685965.3	4866979.0	7.87E-07	1.55E-06	8.79E-04	6.33E-05	2.03E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.03E-07	6.77E-05	2.71E-04
136	Primary School K	677709.9	4864726.5	8.56E-07	1.68E-06	8.80E-04	6.33E-05	2.21E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.38E-07	6.77E-05	2.71E-04
137	Primary School L	675988.3	4864270.2	1.67E-06	3.29E-06	8.83E-04	6.41E-05	4.33E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.57E-07	6.78E-05	2.71E-04
138	Primary School M	676608.7	4862739.0	1.14E-06	2.24E-06	8.81E-04	6.36E-05	2.94E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.83E-07	6.78E-05	2.71E-04
139	Primary School N	677222.2	4863759.1	1.72E-06	3.38E-06	8.83E-04	6.42E-05	4.44E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.80E-07	6.78E-05	2.71E-04
140	Primary School O	678154.9	4863872.7	1.20E-06	2.36E-06	8.81E-04	6.37E-05	3.10E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.15E-07	6.78E-05	2.71E-04
141	Court. Subdivision 12	678309.6	4863600.8	1.39E-06	2.75E-06	8.82E-04	6.39E-05	3.61E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04</			

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene
		(m)	(m)	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05		8.76E-04	6.25E-05	1.36E-06	1.74E-06	3.81E-07	1.40E-07	3.58E-07	9.45E-08	2.59E-06	1.77E-06	3.86E-06	3.22E-07	8.15E-07	2.79E-04	3.53E-07	1.35E-04	9.64E-05	1.35E-04
163	Primary School LL	673762.3	4864210.6	7.26E-07	1.43E-06	8.79E-04	6.32E-05	1.88E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.72E-07	6.77E-05	2.71E-04	
164	Primary School MM	672238.8	4864621.3	5.14E-07	1.01E-06	8.78E-04	6.30E-05	1.33E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.63E-07	6.77E-05	2.71E-04	
165	Primary School NN	673213.6	4858677.0	8.67E-07	1.71E-06	8.80E-04	6.33E-05	2.24E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.44E-07	6.77E-05	2.71E-04	
166	Primary School OO	675474.8	4863221.7	1.04E-06	2.05E-06	8.80E-04	6.35E-05	2.69E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.34E-07	6.78E-05	2.71E-04	
167	Primary School PP	672441.8	4858748.6	9.63E-07	1.89E-06	8.80E-04	6.34E-05	2.49E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.93E-07	6.78E-05	2.71E-04	
168	Primary School QQ	672796.8	4864438.2	6.09E-07	1.20E-06	8.79E-04	6.31E-05	1.57E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.12E-07	6.77E-05	2.71E-04	
169	Primary School RR	671351.4	4863284.0	5.87E-07	1.16E-06	8.79E-04	6.31E-05	1.52E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.01E-07	6.77E-05	2.71E-04	
170	Primary School SS	673213.9	4862125.5	8.80E-07	1.73E-06	8.80E-04	6.33E-05	2.27E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.51E-07	6.77E-05	2.71E-04	
171	Primary School TT	671017.9	4860953.7	5.25E-07	1.03E-06	8.78E-04	6.30E-05	1.36E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.69E-07	6.77E-05	2.71E-04	
172	Primary School UU	670991.0	4861089.8	4.84E-07	9.53E-07	8.78E-04	6.30E-05	1.25E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.48E-07	6.77E-05	2.71E-04	
173	Primary School VV	674150.1	4862294.8	8.55E-07	1.68E-06	8.80E-04	6.33E-05	2.21E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.38E-07	6.77E-05	2.71E-04	
174	Primary School WW	672005.2	4861707.9	5.62E-07	1.11E-06	8.78E-04	6.30E-05	1.45E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	2.88E-07	6.77E-05	2.71E-04	
175	Primary School XX	684172.1	4863615.6	1.82E-06	3.58E-06	8.83E-04	6.43E-05	4.71E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.33E-07	6.78E-05	2.71E-04	
176	Primary School YY	683923.3	4866636.4	1.08E-06	2.13E-06	8.81E-04	6.35E-05	2.80E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.54E-07	6.78E-05	2.71E-04	
177	Primary School ZZ	680446.0	4865770.5	9.23E-07	1.82E-06	8.80E-04	6.34E-05	2.39E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.73E-07	6.77E-05	2.71E-04	
178	Vacant School	685612.9	4864520.0	9.95E-07	1.96E-06	8.80E-04	6.35E-05	2.57E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.10E-07	6.78E-05	2.71E-04	
179	Secondary School A	686291.4	4865064.3	8.74E-07	1.72E-06	8.80E-04	6.33E-05	2.26E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.48E-07	6.77E-05	2.71E-04	
180	Secondary School B	683875.0	4864741.7	1.81E-06	3.57E-06	8.83E-04	6.43E-05	4.69E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.30E-07	6.78E-05	2.71E-04	
181	Secondary School C	684650.3	4866460.3	8.65E-07	1.70E-06	8.80E-04	6.33E-05	2.24E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.43E-07	6.77E-05	2.71E-04	
182	Secondary School D	678099.5	4864838.2	1.06E-06	2.09E-06	8.80E-04	6.35E-05	2.74E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.43E-07	6.78E-05	2.71E-04	
183	Secondary School E	678467.0	4863431.2	1.51E-06	2.97E-06	8.82E-04	6.40E-05	3.90E-06	3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.74E-07	6.78E-05	2.71E-04	
184	Secondary School F	674144.9	4862762.7	7.62E-07	1.50E-06	8.79E-04	6.32E-05	1.97E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.90E-07	6.77E-05	2.71E-04	
185	Secondary School G	673816.0	4864357.1	7.03E-07	1.38E-06	8.79E-04	6.32E-05	1.82E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.60E-07	6.77E-05	2.71E-04	
186	Secondary School H	673145.4	4858569.0	8.50E-07	1.67E-06	8.80E-04	6.33E-05	2.20E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.35E-07	6.77E-05	2.71E-04	
187	Secondary School I	671291.7	4863581.3	5.63E-07	1.11E-06	8.78E-04	6.30E-05	1.46E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	2.89E-07	6.77E-05	2.71E-04	
188	Secondary School J	671443.2	4861664.9	4.17E-07	8.21E-07	8.78E-04	6.29E-05	1.08E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.64E-05	1.35E-04	2.14E-07	6.77E-05	2.71E-04	
189	Secondary School K	673235.3	4860885.0	6.46E-07	1.27E-06	8.79E-04	6.31E-05	1.67E-06	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.31E-07	6.77E-05	2.71E-04	
190	Secondary School L	684252.7	4866500.5	1.03E-06	2.02E-06	8.80E-04	6.35E-05	2.66E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.26E-07	6.78E-05	2.71E-04	
191	Secondary School M	673914.1	4859551.7	1.38E-06	2.72E-06	8.82E-04	6.38E-05	3.57E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	7.07E-07	6.78E-05	2.71E-04	
192	Secondary School N	675051.5	4864177.2	8.20E-07	1.61E-06	8.79E-04	6.33E-05	2.12E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.20E-07	6.77E-05	2.71E-04	
193	Adult School	685276.1	4866019.8	1.03E-06	2.03E-06	8.80E-04	6.35E-05	2.67E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.75E-07	6.78E-05	2.71E-04	
194	Bow. Valley Cons. 1	685356.6	4864521.2	1.16E-06	2.29E-06	8.81E-04	6.36E-05	3.01E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.96E-07	6.78E-05	2.71E-04	
195	Bow. Valley Cons. 2	685627.7	4864167.8	9.17E-07	1.81E-06	8.80E-04	6.34E-05	2.37E-06	3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.70E-07	6.77E-05	2.71E-04	
196	Bow. Valley Cons. 4	685852.7	4863640.2	1.13E-06	2.23E-06	8.81E-04	6.36E-05																				



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene
		(m)	(m)	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05		8.76E-04	6.25E-05	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	1.35E-04	2.51E-06
217	Port Darlington 9	686867.4	4862119.7	1.11E-06	2.18E-06	8.81E-04	6.36E-05	2.86E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.67E-07	6.78E-05	2.71E-04
218	Port Darlington 10	687190.7	4862048.8	1.05E-06	2.07E-06	8.80E-04	6.35E-05	2.72E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.40E-07	6.78E-05	2.71E-04
219	Port Darlington 11	687524.4	4862126.8	1.00E-06	1.98E-06	8.80E-04	6.35E-05	2.60E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.14E-07	6.78E-05	2.71E-04
220	Campground 1	678646.3	4860337.7	3.09E-06	6.09E-06	8.88E-04	6.55E-05	8.00E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.58E-06	6.78E-05	2.71E-04
221	Campground 2	678410.2	4860148.6	2.78E-06	5.48E-06	8.87E-04	6.52E-05	7.20E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.43E-06	6.78E-05	2.71E-04
222	Campground 3	678651.0	4860054.4	2.41E-06	4.75E-06	8.86E-04	6.49E-05	6.24E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.24E-06	6.78E-05	2.71E-04
223	Campground 4	678725.9	4859860.7	2.36E-06	4.64E-06	8.86E-04	6.48E-05	6.10E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.21E-06	6.78E-05	2.71E-04
224	Campground 5	678511.1	4859808.6	1.84E-06	3.62E-06	8.83E-04	6.43E-05	4.75E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.41E-07	6.78E-05	2.71E-04
225	Campground 6	678869.5	4859696.0	2.19E-06	4.31E-06	8.85E-04	6.46E-05	5.66E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.12E-06	6.78E-05	2.71E-04
226	Campground 7	678723.9	4860201.8	3.00E-06	5.91E-06	8.88E-04	6.54E-05	7.76E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.31E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.54E-06	6.78E-05	2.71E-04
227	Campground 8	678796.0	4860011.4	2.21E-06	4.36E-06	8.85E-04	6.47E-05	5.72E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.13E-06	6.78E-05	2.71E-04
228	Campground 9	678852.7	4859854.2	2.57E-06	5.05E-06	8.86E-04	6.50E-05	6.64E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.31E-06	6.78E-05	2.71E-04
229	Solina 1	681099.6	4861677.2	2.68E-06	5.28E-06	8.87E-04	6.51E-05	6.94E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.37E-06	6.78E-05	2.71E-04
230	Solina 2	681115.7	4861857.7	2.66E-06	5.23E-06	8.87E-04	6.51E-05	6.87E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.36E-06	6.78E-05	2.71E-04
231	Solina 3	680987.4	4861983.5	2.75E-06	5.41E-06	8.87E-04	6.52E-05	7.11E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.41E-06	6.78E-05	2.71E-04
232	Solina 4	680965.0	4862068.1	2.56E-06	5.04E-06	8.86E-04	6.50E-05	6.62E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.31E-06	6.78E-05	2.71E-04
233	Solina 5	681021.5	4862086.7	2.69E-06	5.29E-06	8.87E-04	6.51E-05	6.94E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.38E-06	6.78E-05	2.71E-04
234	Solina 6	680939.8	4862124.3	2.32E-06	4.57E-06	8.85E-04	6.48E-05	6.01E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.19E-06	6.78E-05	2.71E-04
235	Solina 7	680988.2	4862183.6	2.43E-06	4.78E-06	8.86E-04	6.49E-05	6.28E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.24E-06	6.78E-05	2.71E-04
236	Solina 8	680984.6	4862209.8	2.31E-06	4.55E-06	8.85E-04	6.48E-05	5.98E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.18E-06	6.78E-05	2.71E-04
237	Solina 9	680958.6	4862294.9	2.13E-06	4.20E-06	8.85E-04	6.46E-05	5.52E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.09E-06	6.78E-05	2.71E-04
238	Solina 10	680858.0	4862324.3	2.33E-06	4.59E-06	8.85E-04	6.48E-05	6.03E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.19E-06	6.78E-05	2.71E-04
239	Solina 11	680990.3	4862403.5	2.19E-06	4.31E-06	8.85E-04	6.46E-05	5.67E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.12E-06	6.78E-05	2.71E-04
240	Recreational 1	681545.0	4860865.0	2.48E-06	4.89E-06	8.86E-04	6.49E-05	6.42E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.27E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.27E-06	6.78E-05	2.71E-04
241	Recreational 2	681563.7	4860687.4	3.22E-06	6.35E-06	8.89E-04	6.57E-05	8.34E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.65E-06	6.78E-05	2.71E-04
242	Recreational 3	681579.7	4860610.0	3.01E-06	5.93E-06	8.88E-04	6.54E-05	7.79E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.31E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.54E-06	6.78E-05	2.71E-04
243	Recreational 6	681876.6	4860254.4	3.85E-06	7.58E-06	8.91E-04	6.63E-05	9.95E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.38E-05	6.80E-05	1.36E-04	1.58E-03	1.35E-04	9.67E-05	1.35E-04	1.97E-06	6.78E-05	2.71E-04
244	Recreational 7	682166.9	4860324.4	3.13E-06	6.16E-06	8.89E-04	6.56E-05	8.09E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.32E-05	6.79E-05	1.36E-04	1.54E-03	1.35E-04	9.66E-05	1.35E-04	1.60E-06	6.78E-05	2.71E-04
245	Darlington 1	679565.4	4861052.9	5.31E-06	1.04E-05	8.97E-04	6.77E-05	1.37E-05		3.11E-04	1.25E-03	1.63E-04	6.79E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.49E-05	6.81E-05	1.36E-04	1.67E-03	1.35E-04	9.68E-05	1.35E-04	2.72E-06	6.79E-05	2.71E-04
246	Darlington 2	679452.9	4861051.4	4.79E-06	9.42E-06	8.95E-04	6.72E-05	1.24E-05		3.10E-04	1.25E-03	1.63E-04	6.79E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.45E-05	6.80E-05	1.36E-04	1.64E-03	1.35E-04	9.68E-05	1.35E-04	2.45E-06	6.78E-05	2.71E-04
247	Darlington 3	679130.5	4860948.8	3.70E-06	7.28E-06	8.91E-04	6.61E-05	9.56E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.37E-05	6.80E-05	1.36E-04	1.57E-03	1.35E-04	9.67E-05	1.35E-04	1.89E-06	6.78E-05	2.71E-04
248	Darlington 4	679112.6	4860941.9	3.76E-06	7.40E-06	8.91E-04	6.62E-05	9.72E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.37E-05	6.80E-05	1.36E-04	1.58E-03	1.35E-04	9.67E-05	1.35E-04	1.93E-06	6.78E-05	2.71E-04
249	Darlington 5	679057.6	4860994.1	3.60E-06	7.08E-06	8.90E-04	6.60E-05	9.30E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.36E-05	6.80E-05	1.36E-04	1.57E-03	1.35E-04	9.67E-05				



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene
		(m)	(m)	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05		8.76E-04	6.25E-05	3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.35E-04	1.35E-04	7.07E-05	6.77E-05	1.35E-04	1.36E-03	1.35E-04	9.64E-05	1.35E-04	2.51E-06
271	Future Industrial 5	679898.8	4860067.4	2.80E-06	5.51E-06	8.87E-04	6.52E-05	7.24E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.43E-06	6.78E-05	2.71E-04
272	Future Industrial 6	680134.8	4860694.1	4.46E-06	8.78E-06	8.94E-04	6.69E-05	1.15E-05		3.10E-04	1.25E-03	1.63E-04	6.79E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.43E-05	6.80E-05	1.36E-04	1.62E-03	1.35E-04	9.67E-05	1.35E-04	2.29E-06	6.78E-05	2.71E-04
273	Future Industrial 11	680253.7	4860255.2	3.21E-06	6.32E-06	8.89E-04	6.56E-05	8.31E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.65E-06	6.78E-05	2.71E-04
274	Future Industrial 12	679901.2	4860511.8	3.20E-06	6.29E-06	8.89E-04	6.56E-05	8.27E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.64E-06	6.78E-05	2.71E-04
275	Commercial Farmer	679867.8	4860445.4	3.22E-06	6.33E-06	8.89E-04	6.56E-05	8.31E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.65E-06	6.78E-05	2.71E-04
276	Farmer	679277.0	4859981.5	2.25E-06	4.43E-06	8.85E-04	6.47E-05	5.82E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.15E-06	6.78E-05	2.71E-04
277	Residence	679387.2	4860648.9	3.39E-06	6.67E-06	8.90E-04	6.58E-05	8.76E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.34E-05	6.80E-05	1.36E-04	1.56E-03	1.35E-04	9.67E-05	1.35E-04	1.74E-06	6.78E-05	2.71E-04
278	Barn	679261.9	4860574.2	2.79E-06	5.50E-06	8.87E-04	6.52E-05	7.22E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.43E-06	6.78E-05	2.71E-04
279	Residence	680150.7	4861295.7	3.29E-06	6.48E-06	8.89E-04	6.57E-05	8.51E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.69E-06	6.78E-05	2.71E-04
280	Residence	679939.8	4861213.4	3.41E-06	6.71E-06	8.90E-04	6.58E-05	8.82E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.34E-05	6.80E-05	1.36E-04	1.56E-03	1.35E-04	9.67E-05	1.35E-04	1.75E-06	6.78E-05	2.71E-04
281	Farmer	680855.7	4861456.9	3.29E-06	6.48E-06	8.89E-04	6.57E-05	8.51E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.69E-06	6.78E-05	2.71E-04
282	Farmer	681386.2	4861673.3	3.27E-06	6.44E-06	8.89E-04	6.57E-05	8.46E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.68E-06	6.78E-05	2.71E-04
283	Residence	680683.5	4861597.9	3.20E-06	6.31E-06	8.89E-04	6.56E-05	8.28E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.64E-06	6.78E-05	2.71E-04
284	Business	680064.3	4861343.7	2.86E-06	5.63E-06	8.88E-04	6.53E-05	7.40E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.30E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.47E-06	6.78E-05	2.71E-04
285	Farmer	679680.1	4861213.5	3.89E-06	7.66E-06	8.92E-04	6.63E-05	1.01E-05		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.38E-04	1.37E-04	7.38E-05	6.80E-05	1.36E-04	1.59E-03	1.35E-04	9.67E-05	1.35E-04	1.99E-06	6.78E-05	2.71E-04
286	Farmer	681344.8	4861792.9	2.67E-06	5.25E-06	8.87E-04	6.51E-05	6.89E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.37E-06	6.78E-05	2.71E-04
287	Youth Centre	685644.2	4864814.8	1.25E-06	2.47E-06	8.81E-04	6.37E-05	3.24E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.42E-07	6.78E-05	2.71E-04
288	Bowmanville Arena	685462.9	4864615.2	1.24E-06	2.44E-06	8.81E-04	6.37E-05	3.20E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.35E-07	6.78E-05	2.71E-04
289	Bowmanville Rec Complex	684160.3	4864604.5	1.45E-06	2.85E-06	8.82E-04	6.39E-05	3.74E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.41E-07	6.78E-05	2.71E-04
290	Recreation Complex	684586.6	4862406.3	1.32E-06	2.60E-06	8.81E-04	6.38E-05	3.42E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.77E-07	6.78E-05	2.71E-04
291	Superdog Central	681487.7	4865723.3	1.07E-06	2.11E-06	8.80E-04	6.35E-05	2.78E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.50E-07	6.78E-05	2.71E-04
292	Equestrian Centre	681567.1	4863670.7	1.87E-06	3.67E-06	8.84E-04	6.43E-05	4.83E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.79E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.56E-07	6.78E-05	2.71E-04
293	Flea Market	678574.6	4862819.4	2.00E-06	3.94E-06	8.84E-04	6.44E-05	5.17E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.02E-06	6.78E-05	2.71E-04
294	Equestrian Centre	680030.8	4867320.2	6.52E-07	1.28E-06	8.79E-04	6.31E-05	1.69E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.34E-07	6.77E-05	2.71E-04
295	Courtice Community Comp	678099.3	4864629.8	1.07E-06	2.11E-06	8.80E-04	6.35E-05	2.77E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.49E-07	6.78E-05	2.71E-04
296	Former Restaurant	679830.2	4860702.2	2.88E-06	5.66E-06	8.88E-04	6.53E-05	7.43E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.30E-05	6.79E-05	1.36E-04	1.53E-03	1.35E-04	9.66E-05	1.35E-04	1.47E-06	6.78E-05	2.71E-04
297	Commercial	679364.8	4861016.0	3.85E-06	7.57E-06	8.91E-04	6.63E-05	9.94E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.38E-05	6.80E-05	1.36E-04	1.58E-03	1.35E-04	9.67E-05	1.35E-04	1.97E-06	6.78E-05	2.71E-04
298	GM Oshawa Headquarters	676418.3	4860463.7	1.83E-06	3.60E-06	8.83E-04	6.43E-05	4.72E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.35E-07	6.78E-05	2.71E-04
299	Farm A?	682972.3	4862201.9	1.75E-06	3.45E-06	8.83E-04	6.42E-05	4.53E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.21E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.96E-07	6.78E-05	2.71E-04
300	Farm B?	683546.9	4861959.7	1.84E-06	3.61E-06	8.83E-04	6.43E-05	4.75E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.22E-05	6.78E-05	1.36E-04	1.47E-03	1.35E-04	9.66E-05	1.35E-04	9.40E-07	6.78E-05	2.71E-04
301	Farm C?	682547.5	4862321.1	2.35E-06	4.62E-06	8.86E-04	6.48E-05	6.06E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.20E-06	6.78E-05	2.71E-04
302	Farm D?	683238.3	4862393.3	1.63E-06	3.21E-06	8.83E-04	6.41E-05	4.22E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.46E-03	1.35E-04	9.65E-05	1.35E-04	8.35E-07	6.78E-05	2.71E-04
303	Farm E?	682512.6	4862858.0	2.31E-06	4.56E-06	8.85E-04	6.48E-05	5.98E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.26E-05	6.79E-05	1.36E-04	1.50E-03	1.35E-04	9.66E-05	1.35E-04	1.19E-06	6.78E-05	2.

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	2,4,6-Trichlorophenol	2,4-Dichlorophenol	Pentachlorophenol	Hexachlorobenzene	Pentachlorobenzene	Polycyclic Organic Matter	Acenaphthylene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)fluorene	Benzo(b)fluorene	Benzo(ghi)perylene	Benzo(a)pyrene	Benzo(e)pyrene	Biphenyl	2-chloronaphthalene	Chrysene	Coronene	Dibenzo(a,c)anthracene	Dibenzo(a,h)anthracene	Dibenzo(a,e)pyrene
		(m)	(m)	4.90E-06	9.64E-06	1.93E-05	4.82E-06	1.27E-05		8.76E-04	6.25E-05	1.36E-06	1.74E-06	3.81E-07	1.40E-07	3.58E-07	9.45E-08	2.59E-06	1.77E-06	3.86E-06	3.22E-07	8.15E-07	2.79E-04	3.53E-07	2.51E-06	1.13E-07	
325	Bowmanville 5	682452.2	4869417.5	5.43E-07	1.07E-06	8.78E-04	6.30E-05	1.40E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.78E-07	6.77E-05	2.71E-04
326	Bowmanville 6	684778.5	4864888.2	8.90E-07	1.75E-06	8.80E-04	6.34E-05	2.30E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.56E-07	6.77E-05	2.71E-04
327	Bowmanville 7	684549.5	4866404.4	9.16E-07	1.80E-06	8.80E-04	6.34E-05	2.37E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.69E-07	6.77E-05	2.71E-04
328	Upper Tooley 1	679944.8	4864883.1	1.30E-06	2.56E-06	8.81E-04	6.38E-05	3.36E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.66E-07	6.78E-05	2.71E-04
329	Upper Tooley 2	679055.1	4863885.8	1.12E-06	2.21E-06	8.81E-04	6.36E-05	2.90E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.75E-07	6.78E-05	2.71E-04
330	Upper Tooley 3	679714.0	4862767.4	2.11E-06	4.15E-06	8.85E-04	6.46E-05	5.45E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.24E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.08E-06	6.78E-05	2.71E-04
331	Upper Tooley 4	678898.8	4861800.6	3.31E-06	6.51E-06	8.89E-04	6.57E-05	8.55E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.37E-04	7.33E-05	6.79E-05	1.36E-04	1.55E-03	1.35E-04	9.67E-05	1.35E-04	1.69E-06	6.78E-05	2.71E-04
332	Upper Tooley 5	680353.5	4862156.5	2.80E-06	5.50E-06	8.87E-04	6.52E-05	7.23E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.43E-06	6.78E-05	2.71E-04
333	Upper Tooley 6	679818.1	4861625.7	2.64E-06	5.19E-06	8.87E-04	6.51E-05	6.82E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.28E-05	6.79E-05	1.36E-04	1.51E-03	1.35E-04	9.66E-05	1.35E-04	1.35E-06	6.78E-05	2.71E-04
334	Robinson 1	678434.8	4860943.1	2.68E-06	5.28E-06	8.87E-04	6.51E-05	6.94E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.38E-06	6.78E-05	2.71E-04
335	Robinson 2	677752.6	4861240.6	2.22E-06	4.37E-06	8.85E-04	6.47E-05	5.74E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.14E-06	6.78E-05	2.71E-04
336	Robinson 3	677642.2	4861787.2	1.96E-06	3.87E-06	8.84E-04	6.44E-05	5.08E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.23E-05	6.79E-05	1.36E-04	1.48E-03	1.35E-04	9.66E-05	1.35E-04	1.01E-06	6.78E-05	2.71E-04
337	Robinson 4	678532.7	4862143.6	2.72E-06	5.36E-06	8.87E-04	6.52E-05	7.04E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.29E-05	6.79E-05	1.36E-04	1.52E-03	1.35E-04	9.66E-05	1.35E-04	1.39E-06	6.78E-05	2.71E-04
338	Robinson 5	678005.1	4862784.9	2.18E-06	4.29E-06	8.85E-04	6.46E-05	5.63E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.12E-06	6.78E-05	2.71E-04
339	Robinson 6	677882.7	4860587.7	2.17E-06	4.27E-06	8.85E-04	6.46E-05	5.61E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.37E-04	1.36E-04	7.25E-05	6.79E-05	1.36E-04	1.49E-03	1.35E-04	9.66E-05	1.35E-04	1.11E-06	6.78E-05	2.71E-04
340	F/B 1	677443.1	4867862.1	7.27E-07	1.43E-06	8.79E-04	6.32E-05	1.88E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.72E-07	6.77E-05	2.71E-04
341	F/B 2	679667.4	4866611.4	8.88E-07	1.75E-06	8.80E-04	6.34E-05	2.30E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.14E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	4.55E-07	6.77E-05	2.71E-04
342	F/B 3	678655.0	4867470.1	1.12E-06	2.20E-06	8.81E-04	6.36E-05	2.89E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.16E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	5.73E-07	6.78E-05	2.71E-04
343	F/B 4	676191.2	4866844.7	7.47E-07	1.47E-06	8.79E-04	6.32E-05	1.93E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.83E-07	6.77E-05	2.71E-04
344	F/B 5	678273.3	4866093.0	9.97E-07	1.96E-06	8.80E-04	6.35E-05	2.58E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	5.11E-07	6.78E-05	2.71E-04
345	F/B 6	681241.2	4867098.8	6.60E-07	1.30E-06	8.79E-04	6.31E-05	1.71E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.38E-07	6.77E-05	2.71E-04
346	F/B 7	682165.3	4868082.3	6.86E-07	1.35E-06	8.79E-04	6.32E-05	1.77E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.40E-03	1.35E-04	9.65E-05	1.35E-04	3.51E-07	6.77E-05	2.71E-04
347	F/B 8	679366.6	4868628.3	7.51E-07	1.48E-06	8.79E-04	6.32E-05	1.94E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.13E-05	6.78E-05	1.36E-04	1.41E-03	1.35E-04	9.65E-05	1.35E-04	3.85E-07	6.77E-05	2.71E-04
348	F/B 9	680310.1	4869967.1	4.35E-07	8.56E-07	8.78E-04	6.29E-05	1.12E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.11E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.23E-07	6.77E-05	2.71E-04
349	F/B 10	676487.3	4869291.6	9.72E-07	1.91E-06	8.80E-04	6.34E-05	2.51E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.98E-07	6.78E-05	2.71E-04
350	F/B 11	676851.4	4865409.3	9.63E-07	1.90E-06	8.80E-04	6.34E-05	2.49E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.15E-05	6.78E-05	1.36E-04	1.42E-03	1.35E-04	9.65E-05	1.35E-04	4.93E-07	6.78E-05	2.71E-04
351	F/B 12	681153.3	4868682.2	5.42E-07	1.07E-06	8.78E-04	6.30E-05	1.40E-06		3.09E-04	1.25E-03	1.63E-04	6.77E-05	1.42E-04	6.77E-05	1.36E-04	1.36E-04	7.12E-05	6.78E-05	1.36E-04	1.39E-03	1.35E-04	9.65E-05	1.35E-04	2.77E-07	6.77E-05	2.71E-04
352	F/B 13	675416.3	4859833.9	1.53E-06	3.01E-06	8.82E-04	6.40E-05	3.95E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.83E-07	6.78E-05	2.71E-04
353	Second 1	675153.4	4860552.8	1.24E-06	2.45E-06	8.81E-04	6.37E-05	3.22E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.37E-07	6.78E-05	2.71E-04
354	Second 2	675297.5	4860891.3	1.24E-06	2.45E-06	8.81E-04	6.37E-05	3.22E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.17E-05	6.78E-05	1.36E-04	1.43E-03	1.35E-04	9.65E-05	1.35E-04	6.37E-07	6.78E-05	2.71E-04
355	Second 3	675647.2	4860644.9	1.34E-06	2.64E-06	8.82E-04	6.38E-05	3.47E-06		3.09E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.18E-05	6.78E-05	1.36E-04	1.44E-03	1.35E-04	9.65E-05	1.35E-04	6.87E-07	6.78E-05	2.71E-04
356	Second 4	675670.5	4860076.5	1.55E-06	3.05E-06	8.82E-04	6.40E-05	4.01E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.20E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.94E-07	6.78E-05	2.71E-04
357	Second 5	676043.3	4860319.1	1.51E-06	2.98E-06	8.82E-04	6.40E-05	3.91E-06		3.10E-04	1.25E-03	1.63E-04	6.78E-05	1.42E-04	6.78E-05	1.36E-04	1.36E-04	7.19E-05	6.78E-05	1.36E-04	1.45E-03	1.35E-04	9.65E-05	1.35E-04	7.75E-07	6.78E-05	



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	9,10 – dimethylanthracene	7,12 – dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylnaphthalene	2 – methylnaphthalene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)
		(m)	(m)	5.42E-04	1.35E-04	6.01E-04	3.89E-06	2.93E-06	7.05E-07			9.19E-06	5.09E-05			3.96E-05	1.41E-07	8.85E-06		4.70E-06		4.66E-05			7.66E-06	
1	Campground 10	678526.8	4859996.8	5.42E-04	1.35E-04	6.03E-04	1.27E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
2	ECO 2	675490.4	4860360.1	5.42E-04	1.35E-04	6.02E-04	7.58E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
3	Recreational 5	681642.0	4860349.3	5.42E-04	1.35E-04	6.04E-04	2.06E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.68E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
4	ECO 4	676831.5	4859840.9	5.42E-04	1.35E-04	6.03E-04	1.58E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
5	Bow. Valley Cons. 3	685767.2	4863879.0	5.42E-04	1.35E-04	6.02E-04	7.02E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
6	ECO 6	679647.8	4859989.3	5.42E-04	1.35E-04	6.03E-04	1.44E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
7	ECO 7	681578.8	4862070.1	5.42E-04	1.35E-04	6.03E-04	1.64E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
8	ECO 8	679735.5	4861048.6	5.42E-04	1.35E-04	6.05E-04	3.07E-06	6.85E-05	1.35E-04	2.71E-03	1.31E-03	2.24E-03	1.35E-04	0.00E+00	2.47E-03	1.36E-04	2.58E-03	0.00E+00	2.87E-04	5.42E-04	1.84E-04	0.00E+00	1.43E-04	1.35E-04	1.35E-04	
9	ECO 9	687219.7	4864249.3	5.42E-04	1.35E-04	6.02E-04	6.37E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
10	ECO 10	686519.0	4861987.6	5.42E-04	1.35E-04	6.02E-04	6.81E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
11	ECO 11	679870.4	4859737.9	5.42E-04	1.35E-04	6.03E-04	1.54E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
12	Recreational 4	681575.5	4860557.7	5.42E-04	1.35E-04	6.03E-04	1.54E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
13	Future Industrial 9	680704.5	4859857.8	5.42E-04	1.35E-04	6.03E-04	1.44E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
14	Future Industrial 10	680608.0	4860719.6	5.42E-04	1.35E-04	6.04E-04	2.52E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.87E-04	5.42E-04	1.76E-04	0.00E+00	1.42E-04	1.35E-04	1.35E-04	
15	Harmony Creek	673992.4	4865641.4	5.42E-04	1.35E-04	6.02E-04	7.24E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
16	Farewell Creek	678079.2	4868822.7	5.42E-04	1.35E-04	6.02E-04	5.63E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
17	Farmer	681378.6	4860335.0	5.42E-04	1.35E-04	6.04E-04	2.21E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.71E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
18	Watson Farm	682883.4	4864219.7	5.42E-04	1.35E-04	6.03E-04	1.44E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
19	Racanski Farm	678929.2	4865530.2	5.42E-04	1.35E-04	6.02E-04	9.79E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
20	Zoo	687216.8	4864835.3	5.42E-04	1.35E-04	6.02E-04	5.33E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
21	Cedar Crest Beach	686652.1	4861660.9	5.42E-04	1.35E-04	6.03E-04	1.07E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
22	Darlington Prov Park Beach	677844.6	4859718.2	5.42E-04	1.35E-04	6.03E-04	1.46E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
23	OPG 1	682258.1	4860045.0	5.42E-04	1.35E-04	6.04E-04	1.80E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.64E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
24	OPG 2	682551.4	4859889.1	5.42E-04	1.35E-04	6.03E-04	1.34E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.57E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
25	OPG 3	682824.6	4859759.3	5.42E-04	1.35E-04	6.03E-04	1.17E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
26	OPG 4	683021.6	4859937.3	5.42E-04	1.35E-04	6.03E-04	1.24E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
27	OPG 5	683318.2	4859677.8	5.42E-04	1.35E-04	6.02E-04	9.45E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
28	OPG 6	683306.9	4860023.0	5.42E-04	1.35E-04	6.03E-04	1.20E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
29	OPG 7	683718.6	4859915.8	5.42E-04	1.35E-04	6.02E-04	8.97E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
30	OPG 8	682702.0	4859998.6	5.42E-04	1.35E-04	6.03E-04	1.48E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
31	OPG 9	684347.7	4861184.6	5.42E-04	1.35E-04	6.02E-04	9.76E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
32	OPG 10	682157.2	4861228.2	5.42E-04	1.35E-04	6.03E-04	1.68E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
33	St. Mary's 1	684557.0	4861070.0	5.42E-04	1.35E-04	6.03E-04	1.19E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
34	St. Mary's 2	684657.3	4861320.8	5.42E-04	1.35E-04	6.02E-04	8.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
35	St. Mary's 3	684905.3	4861154.4	5.42E-04	1.35E-04	6.03E-04	1.15E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36										



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	9,10 – dimethylanthracene	7,12 – dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylnaphthalene	2 – methylnaphthalene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)
		(m)	(m)	5.42E-04	1.35E-04	6.01E-04	3.89E-06	2.93E-06	7.05E-07			9.19E-06	5.09E-05			3.96E-05	1.41E-07	8.85E-06		4.70E-06		4.66E-05			7.66E-06	
55	Bow. Subdivision 10	685266.0	4863243.1	5.42E-04	1.35E-04	6.02E-04	8.13E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
56	Osh/Court Subdivision 1	677396.8	4860977.3	5.42E-04	1.35E-04	6.04E-04	1.87E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
57	Osh/Court Subdivision 2	676633.5	4860816.8	5.42E-04	1.35E-04	6.02E-04	1.00E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
58	Osh/Court Subdivision 3	676916.0	4861925.0	5.42E-04	1.35E-04	6.02E-04	9.03E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
59	Osh/Court Subdivision 4	676730.5	4861317.1	5.42E-04	1.35E-04	6.03E-04	1.49E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
60	Osh/Court Subdivision 5	676087.2	4861392.3	5.42E-04	1.35E-04	6.03E-04	1.05E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
61	Osh/Court Subdivision 6	676177.1	4861722.2	5.42E-04	1.35E-04	6.02E-04	7.47E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
62	Osh/Court Subdivision 7	675670.7	4861783.2	5.42E-04	1.35E-04	6.02E-04	7.42E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
63	Osh/Court Subdivision 8	676050.8	4862055.7	5.42E-04	1.35E-04	6.02E-04	7.28E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
64	Osh/Court Subdivision 9	676636.9	4862134.3	5.42E-04	1.35E-04	6.02E-04	7.86E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
65	Osh/Court Subdivision 10	676571.3	4861634.8	5.42E-04	1.35E-04	6.02E-04	8.40E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
66	Bow. Subdivision 11	684649.2	4863182.7	5.42E-04	1.35E-04	6.02E-04	8.08E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
67	Daycare B	685172.4	4863933.1	5.42E-04	1.35E-04	6.02E-04	5.92E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
68	Daycare C	685452.0	4863104.4	5.42E-04	1.35E-04	6.02E-04	6.93E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
69	Daycare D	685527.7	4864693.3	5.42E-04	1.35E-04	6.02E-04	7.55E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
70	Daycare E	685735.4	4864790.8	5.42E-04	1.35E-04	6.02E-04	7.04E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
71	Daycare F	685520.3	4864854.3	5.42E-04	1.35E-04	6.02E-04	7.66E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
72	Daycare G	685441.9	4864878.0	5.42E-04	1.35E-04	6.02E-04	7.45E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
73	Daycare H	686364.8	4864707.8	5.42E-04	1.35E-04	6.02E-04	4.81E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
74	Daycare I	685721.6	4865127.3	5.42E-04	1.35E-04	6.02E-04	7.00E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
75	Daycare J	678256.3	4863565.4	5.42E-04	1.35E-04	6.02E-04	8.36E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
76	Daycare K	677694.1	4864043.7	5.42E-04	1.35E-04	6.02E-04	6.61E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
77	Daycare L	676479.5	4862526.2	5.42E-04	1.35E-04	6.02E-04	9.32E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
78	Daycare M	678320.9	4864763.5	5.42E-04	1.35E-04	6.02E-04	6.38E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
79	Daycare N	678513.4	4865058.0	5.42E-04	1.35E-04	6.02E-04	5.48E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
80	Daycare O	672788.7	4863936.6	5.42E-04	1.35E-04	6.02E-04	3.33E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
81	Daycare P	673952.8	4863592.5	5.42E-04	1.35E-04	6.02E-04	4.36E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
82	Daycare Q	671751.8	4864887.7	5.42E-04	1.35E-04	6.02E-04	3.02E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
83	Daycare R	685714.4	4864667.4	5.42E-04	1.35E-04	6.02E-04	6.64E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
84	Daycare S	684177.9	4863618.2	5.42E-04	1.35E-04	6.03E-04	1.07E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
85	Daycare T	678423.6	4864480.4	5.42E-04	1.35E-04	6.02E-04	6.64E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
86	Daycare U	685330.5	4863435.1	5.42E-04	1.35E-04	6.02E-04	7.61E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
87	Daycare V	685153.2	4863236.9	5.42E-04	1.35E-04	6.02E-04	7.61E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
88	Daycare W	672679.0	4862044.9	5.42E-04	1.35E-04	6.02E-04	4.20E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
89	Daycare X	672076.5	4865285.8	5.42E-04	1.35E-04	6.02E-04	3.88E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00												

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	9,10 – dimethylanthracene	7,12 – dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylnaphthalene	2 – methylnaphthalene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)
		(m)	(m)	5.42E-04	1.35E-04	6.01E-04	3.89E-06	2.93E-06	7.05E-07			9.19E-06	5.09E-05			3.96E-05	1.41E-07	8.85E-06		4.70E-06		4.66E-05			7.66E-06	
109	Hospital (Children's)	676057.8	4862180.9	5.42E-04	1.35E-04	6.02E-04	8.33E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
110	Hospital	671233.2	4863615.9	5.42E-04	1.35E-04	6.02E-04	3.29E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
111	Comm. Resp. Services	676045.4	4863902.5	5.42E-04	1.35E-04	6.02E-04	8.89E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
112	Hospital	671712.7	4862364.1	5.42E-04	1.35E-04	6.02E-04	3.56E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
113	Retirement Residence A	684199.9	4864120.3	5.42E-04	1.35E-04	6.02E-04	8.27E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
114	Retirement Residence B	685483.9	4865150.9	5.42E-04	1.35E-04	6.02E-04	6.03E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
115	Retirement Residence C	686844.0	4864732.1	5.42E-04	1.35E-04	6.02E-04	5.57E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
116	Retirement Residence D	673481.7	4863343.4	5.42E-04	1.35E-04	6.02E-04	4.62E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
117	Retirement Residence E	671825.2	4864399.0	5.42E-04	1.35E-04	6.02E-04	3.17E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
118	Retirement Residence F	671606.3	4864536.0	5.42E-04	1.35E-04	6.02E-04	3.12E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
119	Retirement Residence G	671357.1	4862958.7	5.42E-04	1.35E-04	6.02E-04	3.58E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
120	Retirement Residence H	671514.0	4862262.9	5.42E-04	1.35E-04	6.02E-04	3.71E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
121	Retirement Residence I	672602.2	4863075.9	5.42E-04	1.35E-04	6.02E-04	3.74E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
122	Retirement Residence J	671719.1	4862893.1	5.42E-04	1.35E-04	6.02E-04	3.61E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
123	Retirement Residence K	686718.0	4865648.7	5.42E-04	1.35E-04	6.02E-04	5.62E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
124	Retirement Residence L	676168.7	4865669.9	5.42E-04	1.35E-04	6.02E-04	5.99E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
125	Retirement Residence M	676118.5	4863980.7	5.42E-04	1.35E-04	6.02E-04	8.95E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
126	Bow. Subdivision 12	684649.2	4863182.7	5.42E-04	1.35E-04	6.02E-04	8.08E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
127	Primary School B	685384.8	4863575.3	5.42E-04	1.35E-04	6.02E-04	7.74E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
128	Primary School C	685021.6	4863952.9	5.42E-04	1.35E-04	6.02E-04	5.84E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
129	Primary School D	686237.0	4864085.5	5.42E-04	1.35E-04	6.02E-04	6.71E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
130	Primary School E	686719.0	4863734.7	5.42E-04	1.35E-04	6.02E-04	6.29E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
131	Primary School F	686357.0	4864754.9	5.42E-04	1.35E-04	6.02E-04	4.56E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
132	Primary School G	685502.0	4865013.4	5.42E-04	1.35E-04	6.02E-04	7.01E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
133	Primary School H	686726.7	4866061.5	5.42E-04	1.35E-04	6.02E-04	5.29E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
134	Primary School I	685186.2	4866568.2	5.42E-04	1.35E-04	6.02E-04	4.84E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
135	Primary School J	685965.3	4866979.0	5.42E-04	1.35E-04	6.02E-04	4.71E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
136	Primary School K	677709.9	4864726.5	5.42E-04	1.35E-04	6.02E-04	5.12E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
137	Primary School L	675988.3	4864270.2	5.42E-04	1.35E-04	6.02E-04	1.00E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
138	Primary School M	676608.7	4862739.0	5.42E-04	1.35E-04	6.02E-04	6.80E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
139	Primary School N	677222.2	4863759.1	5.42E-04	1.35E-04	6.02E-04	1.03E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
140	Primary School O	678154.9	4863872.7	5.42E-04	1.35E-04	6.02E-04	7.18E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
141	Court. Subdivision 12	678309.6	4863600.8	5.42E-04	1.35E-04	6.02E-04	8.34E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
142	Primary School Q	677010.6	4862470.6	5.42E-04	1.35E-04	6.02E-04	8.10E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
143	Primary School R	677431.3	4866694.7	5.42E-04	1.35E-04	6.02E-04	6.43E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04													

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	9,10 – dimethylanthracene	7,12 – dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylnaphthalene	2 – methylnaphthalene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)
		(m)	(m)	5.42E-04	1.35E-04	6.01E-04	3.89E-06	2.93E-06	7.05E-07			9.19E-06	5.09E-05			3.96E-05	1.41E-07	8.85E-06		4.70E-06		4.66E-05			7.66E-06	
163	Primary School LL	673762.3	4864210.6	5.42E-04	1.35E-04	6.02E-04	4.34E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
164	Primary School MM	672238.8	4864621.3	5.42E-04	1.35E-04	6.02E-04	3.08E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
165	Primary School NN	673213.6	4858677.0	5.42E-04	1.35E-04	6.02E-04	5.18E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
166	Primary School OO	675474.8	4863221.7	5.42E-04	1.35E-04	6.02E-04	6.23E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
167	Primary School PP	672441.8	4858748.6	5.42E-04	1.35E-04	6.02E-04	5.76E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
168	Primary School QQ	672796.8	4864438.2	5.42E-04	1.35E-04	6.02E-04	3.64E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
169	Primary School RR	671351.4	4863284.0	5.42E-04	1.35E-04	6.02E-04	3.51E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
170	Primary School SS	673213.9	4862125.5	5.42E-04	1.35E-04	6.02E-04	5.26E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
171	Primary School TT	671017.9	4860953.7	5.42E-04	1.35E-04	6.02E-04	3.14E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
172	Primary School UU	670991.0	4861089.8	5.42E-04	1.35E-04	6.02E-04	2.89E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
173	Primary School VV	674150.1	4862294.8	5.42E-04	1.35E-04	6.02E-04	5.11E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
174	Primary School WW	672005.2	4861707.9	5.42E-04	1.35E-04	6.02E-04	3.36E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
175	Primary School XX	684172.1	4863615.6	5.42E-04	1.35E-04	6.03E-04	1.09E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
176	Primary School YY	683923.3	4866636.4	5.42E-04	1.35E-04	6.02E-04	6.47E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
177	Primary School ZZ	680446.0	4865770.5	5.42E-04	1.35E-04	6.02E-04	5.52E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
178	Vacant School	685612.9	4864520.0	5.42E-04	1.35E-04	6.02E-04	5.95E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
179	Secondary School A	686291.4	4865064.3	5.42E-04	1.35E-04	6.02E-04	5.23E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
180	Secondary School B	683875.0	4864741.7	5.42E-04	1.35E-04	6.03E-04	1.09E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
181	Secondary School C	684650.3	4866460.3	5.42E-04	1.35E-04	6.02E-04	5.17E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
182	Secondary School D	678099.5	4864838.2	5.42E-04	1.35E-04	6.02E-04	6.34E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
183	Secondary School E	678467.0	4863431.2	5.42E-04	1.35E-04	6.02E-04	9.03E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
184	Secondary School F	674144.9	4862762.7	5.42E-04	1.35E-04	6.02E-04	4.56E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
185	Secondary School G	673816.0	4864357.1	5.42E-04	1.35E-04	6.02E-04	4.20E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
186	Secondary School H	673145.4	4858569.0	5.42E-04	1.35E-04	6.02E-04	5.08E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
187	Secondary School I	671291.7	4863581.3	5.42E-04	1.35E-04	6.02E-04	3.37E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
188	Secondary School J	671443.2	4861664.9	5.42E-04	1.35E-04	6.01E-04	2.49E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
189	Secondary School K	673235.3	4860885.0	5.42E-04	1.35E-04	6.02E-04	3.86E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
190	Secondary School L	684252.7	4866500.5	5.42E-04	1.35E-04	6.02E-04	6.15E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
191	Secondary School M	673914.1	4859551.7	5.42E-04	1.35E-04	6.02E-04	8.26E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
192	Secondary School N	675051.5	4864177.2	5.42E-04	1.35E-04	6.02E-04	4.91E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
193	Adult School	685276.1	4866019.8	5.42E-04	1.35E-04	6.02E-04	6.17E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
194	Bow. Valley Cons. 1	685356.6	4864521.2	5.42E-04	1.35E-04	6.02E-04	6.96E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
195	Bow. Valley Cons. 2	685627.7	4864167.8	5.42E-04	1.35E-04	6.02E-04	5.49E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
196	Bow. Valley Cons. 4	685852.7	4863640.2	5.42E-04	1.35E-04	6.02E-04	6.77E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
197	Bow. Valley Cons. 5	686163.1	4863621.5	5.42E-04	1.35E-04	6.02E-04	7.22E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00												

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	9,10 – dimethylanthracene	7,12 – dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylnaphthalene	2 – methylnaphthalene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)
		(m)	(m)	5.42E-04	1.35E-04	6.01E-04	3.89E-06	2.93E-06	7.05E-07			9.19E-06	5.09E-05			3.96E-05	1.41E-07	8.85E-06		4.70E-06		4.66E-05			7.66E-06	
217	Port Darlington 9	686867.4	4862119.7	5.42E-04	1.35E-04	6.02E-04	6.62E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
218	Port Darlington 10	687190.7	4862048.8	5.42E-04	1.35E-04	6.02E-04	6.30E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
219	Port Darlington 11	687524.4	4862126.8	5.42E-04	1.35E-04	6.02E-04	6.00E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
220	Campground 1	678646.3	4860337.7	5.42E-04	1.35E-04	6.04E-04	1.85E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
221	Campground 2	678410.2	4860148.6	5.42E-04	1.35E-04	6.03E-04	1.66E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
222	Campground 3	678651.0	4860054.4	5.42E-04	1.35E-04	6.03E-04	1.44E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
223	Campground 4	678725.9	4859860.7	5.42E-04	1.35E-04	6.03E-04	1.41E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
224	Campground 5	678511.1	4859808.6	5.42E-04	1.35E-04	6.03E-04	1.10E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
225	Campground 6	678869.5	4859696.0	5.42E-04	1.35E-04	6.03E-04	1.31E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
226	Campground 7	678723.9	4860201.8	5.42E-04	1.35E-04	6.04E-04	1.80E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.64E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
227	Campground 8	678796.0	4860011.4	5.42E-04	1.35E-04	6.03E-04	1.32E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.57E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
228	Campground 9	678852.7	4859854.2	5.42E-04	1.35E-04	6.03E-04	1.54E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
229	Solina 1	681099.6	4861677.2	5.42E-04	1.35E-04	6.03E-04	1.61E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
230	Solina 2	681115.7	4861857.7	5.42E-04	1.35E-04	6.03E-04	1.59E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
231	Solina 3	680987.4	4861983.5	5.42E-04	1.35E-04	6.03E-04	1.64E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
232	Solina 4	680965.0	4862068.1	5.42E-04	1.35E-04	6.03E-04	1.53E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.60E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
233	Solina 5	681021.5	4862086.7	5.42E-04	1.35E-04	6.03E-04	1.61E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
234	Solina 6	680939.8	4862124.3	5.42E-04	1.35E-04	6.03E-04	1.39E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
235	Solina 7	680988.2	4862183.6	5.42E-04	1.35E-04	6.03E-04	1.45E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
236	Solina 8	680984.6	4862209.8	5.42E-04	1.35E-04	6.03E-04	1.38E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.57E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
237	Solina 9	680958.6	4862294.9	5.42E-04	1.35E-04	6.03E-04	1.28E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
238	Solina 10	680858.0	4862324.3	5.42E-04	1.35E-04	6.03E-04	1.39E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
239	Solina 11	680990.3	4862403.5	5.42E-04	1.35E-04	6.03E-04	1.31E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
240	Recreational 1	681545.0	4860865.0	5.42E-04	1.35E-04	6.03E-04	1.49E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
241	Recreational 2	681563.7	4860687.4	5.42E-04	1.35E-04	6.04E-04	1.93E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.66E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
242	Recreational 3	681579.7	4860610.0	5.42E-04	1.35E-04	6.04E-04	1.80E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.64E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
243	Recreational 6	681876.6	4860254.4	5.42E-04	1.35E-04	6.04E-04	2.30E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.72E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
244	Recreational 7	682166.9	4860324.4	5.42E-04	1.35E-04	6.04E-04	1.87E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.65E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
245	Darlington 1	679565.4	4861052.9	5.42E-04	1.35E-04	6.05E-04	3.18E-06	6.85E-05	1.35E-04	2.71E-03	1.31E-03	2.24E-03	1.35E-04	0.00E+00	2.47E-03	1.36E-04	2.58E-03	0.00E+00	2.88E-04	5.42E-04	1.86E-04	0.00E+00	1.44E-04	1.35E-04	1.35E-04	
246	Darlington 2	679452.9	4861051.4	5.42E-04	1.35E-04	6.05E-04	2.86E-06	6.84E-05	1.35E-04	2.71E-03	1.31E-03	2.24E-03	1.35E-04	0.00E+00	2.47E-03	1.36E-04	2.58E-03	0.00E+00	2.87E-04	5.42E-04	1.81E-04	0.00E+00	1.43E-04	1.35E-04	1.35E-04	
247	Darlington 3	679130.5	4860948.8	5.42E-04	1.35E-04	6.04E-04	2.21E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.71E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
248	Darlington 4	679112.6	4860941.9	5.42E-04	1.35E-04	6.04E-04	2.25E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.71E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
249	Darlington 5	679057.6	4860994.1	5.42E-04	1.35E-04	6.04E-04	2.15E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.70E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
250	Darlington 6	679075.2	4860931.6	5.42E-04	1.35E-04	6.04E-04	2.27E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.72E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
251	Darlington 7	678814.3	4860843.1	5.42E-04	1.35E-04	6.04E-04	1.91E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03														



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	9,10 – dimethylanthracene	7,12 – dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylnaphthalene	2 – methylnaphthalene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)
		(m)	(m)	5.42E-04	1.35E-04	6.01E-04	3.89E-06	2.93E-06	7.05E-07			9.19E-06	5.09E-05			3.96E-05	1.41E-07	8.85E-06		4.70E-06		4.66E-05			7.66E-06	
271	Future Industrial 5	679898.8	4860067.4	5.42E-04	1.35E-04	6.03E-04	1.67E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
272	Future Industrial 6	680134.8	4860694.1	5.42E-04	1.35E-04	6.05E-04	2.67E-06	6.84E-05	1.35E-04	2.71E-03	1.31E-03	2.24E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.87E-04	5.42E-04	1.78E-04	0.00E+00	1.42E-04	1.35E-04	1.35E-04	
273	Future Industrial 11	680253.7	4860255.2	5.42E-04	1.35E-04	6.04E-04	1.92E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.66E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
274	Future Industrial 12	679901.2	4860511.8	5.42E-04	1.35E-04	6.04E-04	1.91E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.66E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
275	Commercial Farmer	679867.8	4860445.4	5.42E-04	1.35E-04	6.04E-04	1.92E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.66E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
276	Farmer	679277.0	4859981.5	5.42E-04	1.35E-04	6.03E-04	1.35E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.57E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
277	Residence	679387.2	4860648.9	5.42E-04	1.35E-04	6.04E-04	2.03E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.68E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
278	Barn	679261.9	4860574.2	5.42E-04	1.35E-04	6.03E-04	1.67E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
279	Residence	680150.7	4861295.7	5.42E-04	1.35E-04	6.04E-04	1.97E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
280	Residence	679939.8	4861213.4	5.42E-04	1.35E-04	6.04E-04	2.04E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.68E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
281	Farmer	680855.7	4861456.9	5.42E-04	1.35E-04	6.04E-04	1.97E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
282	Farmer	681386.2	4861673.3	5.42E-04	1.35E-04	6.04E-04	1.96E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
283	Residence	680683.5	4861597.9	5.42E-04	1.35E-04	6.04E-04	1.92E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.66E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
284	Business	680064.3	4861343.7	5.42E-04	1.35E-04	6.03E-04	1.71E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.63E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
285	Farmer	679680.1	4861213.5	5.42E-04	1.35E-04	6.04E-04	2.33E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.73E-04	0.00E+00	1.42E-04	1.35E-04	1.35E-04	
286	Farmer	681344.8	4861792.9	5.42E-04	1.35E-04	6.03E-04	1.60E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
287	Youth Centre	685644.2	4864814.8	5.42E-04	1.35E-04	6.02E-04	7.50E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
288	Bowmanville Arena	685462.9	4864615.2	5.42E-04	1.35E-04	6.02E-04	7.41E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
289	Bowmanville Rec Complex	684160.3	4864604.5	5.42E-04	1.35E-04	6.02E-04	8.65E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
290	Recreation Complex	684586.6	4862406.3	5.42E-04	1.35E-04	6.02E-04	7.91E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
291	Superdog Central	681487.7	4865723.3	5.42E-04	1.35E-04	6.02E-04	6.43E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
292	Equestrian Centre	681567.1	4863670.7	5.42E-04	1.35E-04	6.03E-04	1.12E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
293	Flea Market	678574.6	4862819.4	5.42E-04	1.35E-04	6.03E-04	1.20E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.55E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
294	Equestrian Centre	680030.8	4867320.2	5.42E-04	1.35E-04	6.02E-04	3.90E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
295	Courtice Community Comp	678099.3	4864629.8	5.42E-04	1.35E-04	6.02E-04	6.41E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
296	Former Restaurant	679830.2	4860702.2	5.42E-04	1.35E-04	6.03E-04	1.72E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.63E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
297	Commercial	679364.8	4861016.0	5.42E-04	1.35E-04	6.04E-04	2.30E-06	6.83E-05	1.35E-04	2.71E-03	1.31E-03	2.23E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.72E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
298	GM Oshawa Headquarters	676418.3	4860463.7	5.42E-04	1.35E-04	6.03E-04	1.09E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
299	Farm A?	682972.3	4862201.9	5.42E-04	1.35E-04	6.03E-04	1.05E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
300	Farm B?	683546.9	4861959.7	5.42E-04	1.35E-04	6.03E-04	1.10E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
301	Farm C?	682547.5	4862321.1	5.42E-04	1.35E-04	6.03E-04	1.40E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
302	Farm D?	683238.3	4862393.3	5.42E-04	1.35E-04	6.02E-04	9.76E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
303	Farm E?	682512.6	4862858.0	5.42E-04	1.35E-04	6.03E-04	1.38E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.58E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
304	Farm F?	683129.1	4863649.4	5.42E-04	1.35E-04	6.03E-04	1.04E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
305	Bennett 1	688209.3	4862512.1	5.42E-04	1.35E-04	6.02E-04	5.23E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-										

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	9,10 – dimethylanthracene	7,12 – dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2 – methylanthracene	3 – methylcholanthrene	1 – methylnaphthalene	2 – methylnaphthalene	1 – methylphenanthrene	9 – methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)
		(m)	(m)	5.42E-04	1.35E-04	6.01E-04	3.89E-06	2.93E-06	7.05E-07			9.19E-06	5.09E-05			3.96E-05	1.41E-07	8.85E-06		4.70E-06		4.66E-05			7.66E-06	
325	Bowmanville 5	682452.2	4869417.5	5.42E-04	1.35E-04	6.02E-04	3.25E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
326	Bowmanville 6	684778.5	4864888.2	5.42E-04	1.35E-04	6.02E-04	5.32E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
327	Bowmanville 7	684549.5	4866404.4	5.42E-04	1.35E-04	6.02E-04	5.48E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
328	Upper Tooley 1	679944.8	4864883.1	5.42E-04	1.35E-04	6.02E-04	7.78E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.48E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
329	Upper Tooley 2	679055.1	4863885.8	5.42E-04	1.35E-04	6.02E-04	6.72E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
330	Upper Tooley 3	679714.0	4862767.4	5.42E-04	1.35E-04	6.03E-04	1.26E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
331	Upper Tooley 4	678898.8	4861800.6	5.42E-04	1.35E-04	6.04E-04	1.98E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.46E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.67E-04	0.00E+00	1.41E-04	1.35E-04	1.35E-04	
332	Upper Tooley 5	680353.5	4862156.5	5.42E-04	1.35E-04	6.03E-04	1.67E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.62E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
333	Upper Tooley 6	679818.1	4861625.7	5.42E-04	1.35E-04	6.03E-04	1.58E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
334	Robinson 1	678434.8	4860943.1	5.42E-04	1.35E-04	6.03E-04	1.61E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
335	Robinson 2	677752.6	4861240.6	5.42E-04	1.35E-04	6.03E-04	1.33E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.57E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
336	Robinson 3	677642.2	4861787.2	5.42E-04	1.35E-04	6.03E-04	1.17E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.54E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
337	Robinson 4	678532.7	4862143.6	5.42E-04	1.35E-04	6.03E-04	1.63E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.61E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04	
338	Robinson 5	678005.1	4862784.9	5.42E-04	1.35E-04	6.03E-04	1.30E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
339	Robinson 6	677882.7	4860587.7	5.42E-04	1.35E-04	6.03E-04	1.30E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.56E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04	
340	F/B 1	677443.1	4867862.1	5.42E-04	1.35E-04	6.02E-04	4.35E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
341	F/B 2	679667.4	4866611.4	5.42E-04	1.35E-04	6.02E-04	5.31E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
342	F/B 3	678655.0	4867470.1	5.42E-04	1.35E-04	6.02E-04	6.69E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.46E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
343	F/B 4	676191.2	4866844.7	5.42E-04	1.35E-04	6.02E-04	4.47E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
344	F/B 5	678273.3	4866093.0	5.42E-04	1.35E-04	6.02E-04	5.96E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
345	F/B 6	681241.2	4867098.8	5.42E-04	1.35E-04	6.02E-04	3.95E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
346	F/B 7	682165.3	4868082.3	5.42E-04	1.35E-04	6.02E-04	4.10E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
347	F/B 8	679366.6	4868628.3	5.42E-04	1.35E-04	6.02E-04	4.49E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
348	F/B 9	680310.1	4869967.1	5.42E-04	1.35E-04	6.01E-04	2.60E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
349	F/B 10	676487.3	4869291.6	5.42E-04	1.35E-04	6.02E-04	5.81E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
350	F/B 11	676851.4	4865409.3	5.42E-04	1.35E-04	6.02E-04	5.76E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
351	F/B 12	681153.3	4868682.2	5.42E-04	1.35E-04	6.02E-04	3.24E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04	
352	F/B 13	675416.3	4859833.9	5.42E-04	1.35E-04	6.02E-04	9.14E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
353	Second 1	675153.4	4860552.8	5.42E-04	1.35E-04	6.02E-04	7.44E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
354	Second 2	675297.5	4860891.3	5.42E-04	1.35E-04	6.02E-04	7.44E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
355	Second 3	675647.2	4860644.9	5.42E-04	1.35E-04	6.02E-04	8.02E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.47E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04	
356	Second 4	675670.5	4860076.5	5.42E-04	1.35E-04	6.02E-04	9.27E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
357	Second 5	676043.3	4860319.1	5.42E-04	1.35E-04	6.02E-04	9.06E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
358	Second 6	675923.4	4859821.4	5.42E-04	1.35E-04	6.03E-04	1.13E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.53E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04	
359	McLaughlin Bay 1	676714.7	4860903.8	5.42E-04	1.35E-04	6.02E-04	9.15E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.													

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	9,10-dimethylnthracene	7,12-dimethylbenzo(a)anthracene	Fluoranthene	Fluorine	Indeno(1,2,3-cd)pyrene	2-methylanthracene	3-methylcholanthrene	1-methylanthracene	2-methylanthracene	1-methylphenanthrene	9-methylphenanthrene	Naphthalene	Perylene	Phenanthrene	Picene	Pyrene	Quinoline	Tetralin	Triphenylene	O-terphenyl	M-terphenyl	P-terphenyl	Volatile Organic Chemicals (VOC)	
		(m)	(m)																								
				5.42E-04	1.35E-04	6.01E-04	3.89E-06	2.93E-06	7.05E-07						9.19E-06	5.09E-05											
379	Darlington 5	683223.2	4861114.0	5.42E-04	1.35E-04	6.03E-04	1.45E-06	6.81E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.85E-04	5.42E-04	1.59E-04	0.00E+00	1.39E-04	1.35E-04	1.35E-04		
380	Darlington 6	683947.7	4862362.0	5.42E-04	1.35E-04	6.03E-04	1.04E-06	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.52E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		
381	Darlington 7	685361.9	4861143.4	5.42E-04	1.35E-04	6.02E-04	9.15E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.50E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		
382	Bennett ECO/HH	688606.4	4862634.8	5.42E-04	1.35E-04	6.02E-04	4.81E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.43E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		
383	Oshawa ECO/HH	673884.9	4859128.9	5.42E-04	1.35E-04	6.02E-04	9.81E-07	6.80E-05	1.35E-04	2.71E-03	1.31E-03	2.21E-03	1.35E-04	0.00E+00	2.44E-03	1.36E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.51E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		
384	Oshawa Creek 1	671671.2	4862793.7	5.42E-04	1.35E-04	6.02E-04	3.57E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.41E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		
385	Oshawa Creek 2	671668.5	4861589.5	5.42E-04	1.35E-04	6.01E-04	2.52E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.39E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		
386	Oshawa Creek 3	672820.2	4861287.2	5.42E-04	1.35E-04	6.02E-04	2.95E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.19E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.40E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		
387	Oshawa Creek 4	672360.3	4860262.6	5.42E-04	1.35E-04	6.02E-04	3.84E-07	6.78E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.43E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.42E-04	0.00E+00	1.36E-04	1.35E-04	1.35E-04		
388	Oshawa Creek 5	673921.2	4860115.0	5.42E-04	1.35E-04	6.02E-04	5.10E-07	6.79E-05	1.35E-04	2.71E-03	1.30E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.83E-04	5.42E-04	1.44E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		
389	Oshawa Creek 6	673154.0	4859421.9	5.42E-04	1.35E-04	6.02E-04	8.42E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.58E-03	0.00E+00	2.84E-04	5.42E-04	1.49E-04	0.00E+00	1.38E-04	1.35E-04	1.35E-04		
390	Farmer	677409.8	4861051.4	5.42E-04	1.35E-04	6.04E-04	1.91E-06	6.82E-05	1.35E-04	2.71E-03	1.31E-03	2.22E-03	1.35E-04	0.00E+00	2.45E-03	1.36E-04	2.58E-03	0.00E+00	2.86E-04	5.42E-04	1.66E-04	0.00E+00	1.40E-04	1.35E-04	1.35E-04		
391	Commercial Market	688276.3	4864698.5	5.42E-04	1.35E-04	6.02E-04	6.19E-07	6.79E-05	1.35E-04	2.71E-03	1.31E-03	2.20E-03	1.35E-04	0.00E+00	2.44E-03	1.35E-04	2.57E-03	0.00E+00	2.84E-04	5.42E-04	1.45E-04	0.00E+00	1.37E-04	1.35E-04	1.35E-04		

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Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene
		(m)	(m)	4.97E-08			2.90E-03	0.02	4.74E-03	3.37E-03				2.96E-05	4.77E-05			8.15E-03			5.29E-05	0.02	
1	Campground 10	678526.8	4859996.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
2	ECO 2	675490.4	4860360.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
3	Recreational 5	681642.0	4860349.3	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
4	ECO 4	676831.5	4859840.9	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
5	Bow. Valley Cons. 3	685767.2	4863879.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
6	ECO 6	679647.8	4859989.3	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
7	ECO 7	681578.8	4862070.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
8	ECO 8	679735.5	4861048.6	1.76	4.69	0.08	11.84	0.04	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.56E-03	1.28	0.02	1.24
9	ECO 9	687219.7	4864249.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
10	ECO 10	686519.0	4861987.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
11	ECO 11	679870.4	4859737.9	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
12	Recreational 4	681575.5	4860557.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
13	Future Industrial 9	680704.5	4859857.8	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
14	Future Industrial 10	680608.0	4860719.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.55E-03	1.28	0.02	1.24
15	Harmony Creek	673992.4	4865641.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
16	Farewell Creek	678079.2	4868822.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
17	Farmer	681378.6	4860335.0	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
18	Watson Farm	682883.4	4864219.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
19	Racanski Farm	678929.2	4865530.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
20	Zoo	687216.8	4864835.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
21	Cedar Crest Beach	686652.1	4861660.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
22	Darlington Prov Park Beach	677844.6	4859718.2	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
23	OPG 1	682258.1	4860045.0	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
24	OPG 2	682551.4	4859889.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
25	OPG 3	682824.6	4859759.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
26	OPG 4	683021.6	4859937.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
27	OPG 5	683318.2	4859677.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
28	OPG 6	683306.9	4860023.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
29	OPG 7	683718.6	4859915.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
30	OPG 8	682702.0	4859998.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
31	OPG 9	684347.7	4861184.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
32	OPG 10	682157.2	4861228.2	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
33	St. Mary's 1	684557.0	4861070.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
34	St. Mary's 2	684657.3	4861320.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
35	St. Mary's 3	684905.3	4861154.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
36	Court. Subdivision 1	677328.4	4862976.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
37	Court. Subdivision 2	676187.9	4862611.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
38	Court. Subdivision 3	675974.8	4863484.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
39	Court. Subdivision 4	676606.1	4863214.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
40	Court. Subdivision 5	676827.1	4863591.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
41	Court. Subdivision 6	677200.4	4864074.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
42	Court. Subdivision 7	677719.8	4863625.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
43	Court. Subdivision 8	678271.6	4864200.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
44	Court. Subdivision 9	678184.4	4863373.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
45	Court. Subdivision 10	677179.7	4862499.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
46	Bow. Subdivision 1	683536.7	4864215.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
47	Bow. Subdivision 2	683770.0	4863915.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
48	Bow. Subdivision 3	683671.0	4863534.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
49	Bow. Subdivision 4	684501.9	4863847.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07					



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene
		(m)	(m)	4.97E-08			2.90E-03	0.02	4.74E-03	3.37E-03				2.96E-05	4.77E-05			8.15E-03			5.29E-05	0.02	
55	Bow. Subdivision 10	685266.0	4863243.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
56	Osh/Court Subdivision 1	677396.8	4860977.3	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
57	Osh/Court Subdivision 2	676633.5	4860816.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
58	Osh/Court Subdivision 3	676916.0	4861925.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
59	Osh/Court Subdivision 4	676730.5	4861317.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
60	Osh/Court Subdivision 5	676087.2	4861392.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
61	Osh/Court Subdivision 6	676177.1	4861722.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
62	Osh/Court Subdivision 7	675670.7	4861783.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
63	Osh/Court Subdivision 8	676050.8	4862055.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
64	Osh/Court Subdivision 9	676636.9	4862134.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
65	Osh/Court Subdivision 10	676571.3	4861634.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
66	Bow. Subdivision 11	684649.2	4863182.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
67	Daycare B	685172.4	4863933.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
68	Daycare C	685452.0	4863104.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
69	Daycare D	685527.7	4864693.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
70	Daycare E	685735.4	4864790.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
71	Daycare F	685520.3	4864854.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
72	Daycare G	685441.9	4864878.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
73	Daycare H	686364.8	4864707.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
74	Daycare I	685721.6	4865127.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
75	Daycare J	678256.3	4863565.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
76	Daycare K	677694.1	4864043.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
77	Daycare L	676479.5	4862526.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
78	Daycare M	678320.9	4864763.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
79	Daycare N	678513.4	4865058.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
80	Daycare O	672788.7	4863936.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
81	Daycare P	673952.8	4863592.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
82	Daycare Q	671751.8	4864887.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
83	Daycare R	685714.4	4864667.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
84	Daycare S	684177.9	4863618.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
85	Daycare T	678423.6	4864480.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
86	Daycare U	685330.5	4863435.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
87	Daycare V	685153.2	4863236.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
88	Daycare W	672679.0	4862044.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
89	Daycare X	672076.5	4865285.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
90	Daycare Y	672638.0	4859664.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
91	Daycare Z	673735.9	4858958.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
92	Daycare AA	673121.8	4863385.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
93	Daycare BB	673904.8	4862282.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
94	Daycare CC	671471.6	4861795.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
95	Daycare DD	673057.3	4862625.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
96	Daycare EE	674917.1	4863957.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
97	Daycare FF	671356.6	4862954.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
98	Daycare GG	671675.5	4862705.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
99	Daycare HH	671604.8	4860138.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
100	Daycare II	670945.2	4857983.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
101	Daycare JJ	677514.6	4864744.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
102	Daycare KK	676519.9	4862680.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
103	Daycare LL	677660.6	4863601.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03				

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene
		(m)	(m)	4.97E-08			2.90E-03	0.02	4.74E-03	3.37E-03			2.96E-05	4.77E-05			8.15E-03			5.29E-05	0.02		
109	Hospital (Children's)	676057.8	4862180.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
110	Hospital	671233.2	4863615.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
111	Comm. Resp. Services	676045.4	4863902.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
112	Hospital	671712.7	4862364.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
113	Retirement Residence A	684199.9	4864120.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
114	Retirement Residence B	685483.9	4865150.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
115	Retirement Residence C	686844.0	4864732.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
116	Retirement Residence D	673481.7	4863343.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
117	Retirement Residence E	671825.2	4864399.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
118	Retirement Residence F	671606.3	4864536.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
119	Retirement Residence G	671357.1	4862958.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
120	Retirement Residence H	671514.0	4862262.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
121	Retirement Residence I	672602.2	4863075.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
122	Retirement Residence J	671719.1	4862893.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
123	Retirement Residence K	686718.0	4865648.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
124	Retirement Residence L	676168.7	4865669.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
125	Retirement Residence M	676118.5	4863980.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
126	Bow. Subdivision 12	684649.2	4863182.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
127	Primary School B	685384.8	4863575.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
128	Primary School C	685021.6	4863952.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
129	Primary School D	686237.0	4864085.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
130	Primary School E	686719.0	4863734.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
131	Primary School F	686357.0	4864754.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
132	Primary School G	685502.0	4865013.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
133	Primary School H	686726.7	4866061.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
134	Primary School I	685186.2	4866568.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
135	Primary School J	685965.3	4866979.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
136	Primary School K	677709.9	4864726.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
137	Primary School L	675988.3	4864270.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
138	Primary School M	676608.7	4862739.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
139	Primary School N	677222.2	4863759.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
140	Primary School O	678154.9	4863872.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
141	Court. Subdivision 12	678309.6	4863600.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
142	Primary School Q	677010.6	4862470.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
143	Primary School R	677431.3	4866694.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
144	Primary School S	675266.2	4863562.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
145	Primary School T	673479.2	4860029.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
146	Primary School U	670856.0	4860710.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
147	Primary School V	672660.2	4863909.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
148	Primary School W	672735.2	4859232.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
149	Primary School X	673575.8	4862688.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
150	Primary School Y	673710.3	4861969.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
151	Primary School Z	672366.0	4859928.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
152	Primary School AA	672561.7	4866047.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
153	Primary School BB	675095.1	4862930.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
154	Primary School CC	673242.6	4865197.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
155	Primary School DD	674164.9	4863031.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
156	Primary School EE	671905.6	4864697.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
157	Primary School FF	673294.9	4858774.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.0					

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene
		(m)	(m)	4.97E-08			2.90E-03	0.02	4.74E-03	3.37E-03				2.96E-05	4.77E-05			8.15E-03			5.29E-05	0.02	
163	Primary School LL	673762.3	4864210.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
164	Primary School MM	672238.8	4864621.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
165	Primary School NN	673213.6	4858677.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
166	Primary School OO	675474.8	4863221.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
167	Primary School PP	672441.8	4858748.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
168	Primary School QQ	672796.8	4864438.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
169	Primary School RR	671351.4	4863284.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
170	Primary School SS	673213.9	4862125.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
171	Primary School TT	671017.9	4860953.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
172	Primary School UU	670991.0	4861089.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
173	Primary School VV	674150.1	4862294.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
174	Primary School WW	672005.2	4861707.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
175	Primary School XX	684172.1	4863615.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
176	Primary School YY	683923.3	4866636.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
177	Primary School ZZ	680446.0	4865770.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
178	Vacant School	685612.9	4864520.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
179	Secondary School A	686291.4	4865064.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
180	Secondary School B	683875.0	4864741.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
181	Secondary School C	684650.3	4866460.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
182	Secondary School D	678099.5	4864838.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
183	Secondary School E	678467.0	4863431.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
184	Secondary School F	674144.9	4862762.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
185	Secondary School G	673816.0	4864357.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
186	Secondary School H	673145.4	4858569.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
187	Secondary School I	671291.7	4863581.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
188	Secondary School J	671443.2	4861664.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24
189	Secondary School K	673235.3	4860885.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
190	Secondary School L	684252.7	4866500.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
191	Secondary School M	673914.1	4859551.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
192	Secondary School N	675051.5	4864177.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
193	Adult School	685276.1	4866019.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
194	Bow. Valley Cons. 1	685356.6	4864521.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
195	Bow. Valley Cons. 2	685627.7	4864167.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
196	Bow. Valley Cons. 4	685852.7	4863640.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
197	Bow. Valley Cons. 5	686163.1	4863621.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
198	Bow. Valley Cons. 6	685931.9	4863380.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
199	Maple Grove 1	681688.5	4864717.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
200	Maple Grove 2	681768.9	4864631.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
201	Maple Grove 3	681894.9	4864506.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
202	Maple Grove 4	681974.8	4864443.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
203	Maple Grove 5	681942.2	4864676.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
204	Maple Grove 6	682053.2	4864586.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
205	Maple Grove 7	682168.5	4864631.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
206	Maple Grove 8	682261.7	4864520.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
207	Maple Grove 9	682382.1	4864589.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
208	Maple Grove 10	682459.8	4864499.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
209	Port Darlington 1	686227.8	4861159.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
210	Port Darlington 2	686184.8	4861252.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
211	Port Darlington 3	686151.2	4861286.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07								

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene
		(m)	(m)	4.97E-08			2.90E-03	0.02	4.74E-03	3.37E-03				2.96E-05	4.77E-05			8.15E-03			5.29E-05	0.02	
217	Port Darlington 9	686867.4	4862119.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
218	Port Darlington 10	687190.7	4862048.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
219	Port Darlington 11	687524.4	4862126.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
220	Campground 1	678646.3	4860337.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
221	Campground 2	678410.2	4860148.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
222	Campground 3	678651.0	4860054.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
223	Campground 4	678725.9	4859860.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
224	Campground 5	678511.1	4859808.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
225	Campground 6	678869.5	4859696.0	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
226	Campground 7	678723.9	4860201.8	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
227	Campground 8	678796.0	4860011.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
228	Campground 9	678852.7	4859854.2	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
229	Solina 1	681099.6	4861677.2	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
230	Solina 2	681115.7	4861857.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
231	Solina 3	680987.4	4861983.5	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
232	Solina 4	680965.0	4862068.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
233	Solina 5	681021.5	4862086.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
234	Solina 6	680939.8	4862124.3	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
235	Solina 7	680988.2	4862183.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
236	Solina 8	680984.6	4862209.8	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
237	Solina 9	680958.6	4862294.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
238	Solina 10	680858.0	4862324.3	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
239	Solina 11	680990.3	4862403.5	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
240	Recreational 1	681545.0	4860865.0	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
241	Recreational 2	681563.7	4860687.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
242	Recreational 3	681579.7	4860610.0	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
243	Recreational 6	681876.6	4860254.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
244	Recreational 7	682166.9	4860324.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
245	Darlington 1	679565.4	4861052.9	1.76	4.69	0.08	11.84	0.04	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.56E-03	1.28	0.02	1.24
246	Darlington 2	679452.9	4861051.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.55E-03	1.28	0.02	1.24
247	Darlington 3	679130.5	4860948.8	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
248	Darlington 4	679112.6	4860941.9	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
249	Darlington 5	679057.6	4860994.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
250	Darlington 6	679075.2	4860931.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
251	Darlington 7	678814.3	4860843.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
252	Darlington 8	678840.4	4860777.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
253	Light Ind. 1	680000.1	4861034.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
254	Light Ind. 2	680060.7	4861056.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
255	Light Ind. 3	680291.2	4861151.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
256	Light Ind. 4	680536.3	4861204.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
257	Light Ind. 5	680350.4	4861290.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
258	Light Ind. 6	680306.9	4861275.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
259	Light Ind. 7	680267.2	4861262.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
260	Light Ind. 8	680233.6	4861250.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
261	Light Ind. 9	680175.3	4861227.5	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
262	Light Ind. 10	680092.5	4861185.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
263	Light Ind. 11	680071.6	4861246.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
264	Light Ind. 12	680021.4	4861186.9	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
265	Future Industrial 7	680816.2	4860219.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74										



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene
		(m)	(m)	4.97E-08			2.90E-03	0.02	4.74E-03	3.37E-03				2.96E-05	4.77E-05			8.15E-03			5.29E-05	0.02	
271	Future Industrial 5	679898.8	4860067.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
272	Future Industrial 6	680134.8	4860694.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
273	Future Industrial 11	680253.7	4860255.2	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
274	Future Industrial 12	679901.2	4860511.8	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
275	Commercial Farmer	679867.8	4860445.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
276	Farmer	679277.0	4859981.5	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
277	Residence	679387.2	4860648.9	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
278	Barn	679261.9	4860574.2	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
279	Residence	680150.7	4861295.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
280	Residence	679939.8	4861213.4	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
281	Farmer	680855.7	4861456.9	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
282	Farmer	681386.2	4861673.3	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
283	Residence	680683.5	4861597.9	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.28	0.02	1.24
284	Business	680064.3	4861343.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
285	Farmer	679680.1	4861213.5	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
286	Farmer	681344.8	4861792.9	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
287	Youth Centre	685644.2	4864814.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
288	Bowmanville Arena	685462.9	4864615.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
289	Bowmanville Rec Complex	684160.3	4864604.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
290	Recreation Complex	684586.6	4862406.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
291	Superdog Central	681487.7	4865723.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
292	Equestrian Centre	681567.1	4863670.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
293	Flea Market	678574.6	4862819.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
294	Equestrian Centre	680030.8	4867320.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
295	Courtice Community Comp	678099.3	4864629.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
296	Former Restaurant	679830.2	4860702.2	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
297	Commercial	679364.8	4861016.0	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
298	GM Oshawa Headquarters	676418.3	4860463.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
299	Farm A?	682972.3	4862201.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
300	Farm B?	683546.9	4861959.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
301	Farm C?	682547.5	4862321.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
302	Farm D?	683238.3	4862393.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
303	Farm E?	682512.6	4862858.0	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
304	Farm F?	683129.1	4863649.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
305	Bennett 1	688209.3	4862512.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
306	Bennett 2	687990.0	4863221.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
307	Bennett 3	688818.4	4862836.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
308	Bennett 4	689045.1	4863365.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
309	Bennett 5	688270.5	4863763.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
310	Bennett 6	689908.5	4863100.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
311	Bennett 7	688929.9	4864392.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
312	Bennett 8	689684.2	4863837.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
313	Soper 1	687557.9	4862512.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
314	Soper 2	687241.9	4863171.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
315	Soper 3	687023.2	4863903.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
316	Soper 4	688158.2	4865389.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
317	Soper 5	685027.3	4868253.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
318	Soper 6	687287.4	4867037.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
319	Soper 7	685683.2	4867148.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-			

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Acetaldehyde	Acetone	Acrolein	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Butadiene, 1,3 -	Butanone, 2 -	Carbon tetrachloride	Chloroform	Cumene	Dibromochloromethane	Dichlorodifluoromethane	Dichloroethane, 1,2 -	Dichloroethane, trans - 1,2 -	Dichloroethane, 1,1 -	Dichloromethane	Dichloropropane, 1,2 -	Ethylbenzene
		(m)	(m)	4.97E-08			2.90E-03	0.02	4.74E-03	3.37E-03				2.96E-05	4.77E-05			8.15E-03			5.29E-05	0.02	
325	Bowmanville 5	682452.2	4869417.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
326	Bowmanville 6	684778.5	4864888.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
327	Bowmanville 7	684549.5	4866404.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
328	Upper Tooley 1	679944.8	4864883.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
329	Upper Tooley 2	679055.1	4863885.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
330	Upper Tooley 3	679714.0	4862767.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
331	Upper Tooley 4	678898.8	4861800.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
332	Upper Tooley 5	680353.5	4862156.5	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
333	Upper Tooley 6	679818.1	4861625.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
334	Robinson 1	678434.8	4860943.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
335	Robinson 2	677752.6	4861240.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
336	Robinson 3	677642.2	4861787.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
337	Robinson 4	678532.7	4862143.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.53E-03	1.27	0.02	1.24
338	Robinson 5	678005.1	4862784.9	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
339	Robinson 6	677882.7	4860587.7	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
340	F/B 1	677443.1	4867862.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
341	F/B 2	679667.4	4866611.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
342	F/B 3	678655.0	4867470.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
343	F/B 4	676191.2	4866844.7	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
344	F/B 5	678273.3	4866093.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
345	F/B 6	681241.2	4867098.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
346	F/B 7	682165.3	4868082.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
347	F/B 8	679366.6	4868628.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
348	F/B 9	680310.1	4869967.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.50E-03	1.27	0.02	1.24
349	F/B 10	676487.3	4869291.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
350	F/B 11	676851.4	4865409.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
351	F/B 12	681153.3	4868682.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
352	F/B 13	675416.3	4859833.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
353	Second 1	675153.4	4860552.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
354	Second 2	675297.5	4860891.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
355	Second 3	675647.2	4860644.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
356	Second 4	675670.5	4860076.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
357	Second 5	676043.3	4860319.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
358	Second 6	675923.4	4859821.4	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
359	McLaughlin Bay 1	676714.7	4860903.8	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
360	McLaughlin Bay 2	677310.8	4860528.2	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
361	McLaughlin Bay 3	676563.5	4860260.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
362	McLaughlin Bay 4	676699.5	4859696.6	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.54E-03	1.28	0.02	1.24
363	McLaughlin Bay 5	677560.0	4860060.1	1.76	4.69	0.08	11.83	0.03	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
364	McLaughlin Bay 6	678204.5	4859832.5	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
365	Harmony Creek 1	674178.3	4861024.2	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
366	Harmony Creek 2	674592.0	4862605.3	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
367	Harmony Creek 3	672863.4	4862808.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
368	Harmony Creek 4	675671.6	4864469.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.52E-03	1.27	0.02	1.24
369	Harmony Creek 5	672443.1	4864713.0	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.23	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
370	Harmony Creek 6	674830.5	4866909.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
371	Harmony Creek 7	675799.9	4868594.1	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
372	Westside 1	686082.6	4862776.6	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0.23	0.07	9.40E-03	3.24	0.07	8.75E-03	2.51E-03	1.27	0.02	1.24
373	Westside 2	685778.7	4862137.9	1.76	4.69	0.08	11.83	0.02	0.03	0.09	0.20	4.11	0.74	0									



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	2.78E-05	4.44E-03			5.30E-04	4.70E-03	1.34E-04	4.60E-05	0.02			4.08E-03			
				5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
1	Campground 10	678526.8	4859996.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.65E-03	4.85		0.00E+00	0.00E+00
2	ECO 2	675490.4	4860360.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.94E-03	4.84		0.00E+00	0.00E+00
3	Recreational 5	681642.0	4860349.3	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.76E-03	4.86		0.00E+00	0.00E+00
4	ECO 4	676831.5	4859840.9	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.08E-03	4.86		0.00E+00	0.00E+00
5	Bow. Valley Cons. 3	685767.2	4863879.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	4.84		0.00E+00	0.00E+00
6	ECO 6	679647.8	4859989.3	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.89E-03	4.85		0.00E+00	0.00E+00
7	ECO 7	681578.8	4862070.1	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.16E-03	4.86		0.00E+00	0.00E+00
8	ECO 8	679735.5	4861048.6	5.23E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	0.01	4.88		0.00E+00	0.00E+00
9	ECO 9	687219.7	4864249.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.77E-03	4.84		0.00E+00	0.00E+00
10	ECO 10	686519.0	4861987.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.83E-03	4.84		0.00E+00	0.00E+00
11	ECO 11	679870.4	4859737.9	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.03E-03	4.85		0.00E+00	0.00E+00
12	Recreational 4	681575.5	4860557.7	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.03E-03	4.85		0.00E+00	0.00E+00
13	Future Industrial 9	680704.5	4859857.8	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.88E-03	4.85		0.00E+00	0.00E+00
14	Future Industrial 10	680608.0	4860719.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.40E-03	4.87		0.00E+00	0.00E+00
15	Harmony Creek	673992.4	4865641.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.89E-03	4.84		0.00E+00	0.00E+00
16	Farewell Creek	678079.2	4868822.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.67E-03	4.84		0.00E+00	0.00E+00
17	Farmer	681378.6	4860335.0	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.95E-03	4.87		0.00E+00	0.00E+00
18	Watson Farm	682883.4	4864219.7	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.88E-03	4.85		0.00E+00	0.00E+00
19	Racanski Farm	678929.2	4865530.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.24E-03	4.84		0.00E+00	0.00E+00
20	Zoo	687216.8	4864835.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	4.84		0.00E+00	0.00E+00
21	Cedar Crest Beach	686652.1	4861660.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.37E-03	4.85		0.00E+00	0.00E+00
22	Darlington Prov Park Beach	677844.6	4859718.2	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.91E-03	4.85		0.00E+00	0.00E+00
23	OPG 1	682258.1	4860045.0	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.39E-03	4.86		0.00E+00	0.00E+00
24	OPG 2	682551.4	4859889.1	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.74E-03	4.85		0.00E+00	0.00E+00
25	OPG 3	682824.6	4859759.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.51E-03	4.85		0.00E+00	0.00E+00
26	OPG 4	683021.6	4859937.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.60E-03	4.85		0.00E+00	0.00E+00
27	OPG 5	683318.2	4859677.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.20E-03	4.84		0.00E+00	0.00E+00
28	OPG 6	683306.9	4860023.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.56E-03	4.85		0.00E+00	0.00E+00
29	OPG 7	683718.6	4859915.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.13E-03	4.84		0.00E+00	0.00E+00
30	OPG 8	682702.0	4859998.6	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.94E-03	4.85		0.00E+00	0.00E+00
31	OPG 9	684347.7	4861184.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.24E-03	4.84		0.00E+00	0.00E+00
32	OPG 10	682157.2	4861228.2	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.22E-03	4.86		0.00E+00	0.00E+00
33	St. Mary's 1	684557.0	4861070.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.53E-03	4.85		0.00E+00	0.00E+00
34	St. Mary's 2	684657.3	4861320.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.11E-03	4.84		0.00E+00	0.00E+00
35	St. Mary's 3	684905.3	4861154.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.48E-03	4.85		0.00E+00	0.00E+00
36	Court. Subdivision 1	677328.4	4862976.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.46E-03	4.85		0.00E+00	0.00E+00
37	Court. Subdivision 2	676187.9	4862611.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.12E-03	4.84		0.00E+00	0.00E+00
38	Court. Subdivision 3	675974.8	4863484.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.63E-03	4.84		0.00E+00	0.00E+00
39	Court. Subdivision 4	676606.1	4863214.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.07E-03	4.84		0.00E+00	0.00E+00
40	Court. Subdivision 5	676827.1	4863591.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.22E-03	4.84		0.00E+00	0.00E+00
41	Court. Subdivision 6	677200.4	4864074.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.09E-03	4.84		0.00E+00	0.00E+00
42	Court. Subdivision 7	677719.8	4863625.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.19E-03	4.84		0.00E+00	0.00E+00
43	Court. Subdivision 8	678271.6	4864200.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.98E-03	4.84		0.00E+00	0.00E+00
44	Court. Subdivision 9	678184.4	4863373.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.03E-03	4.84		0.00E+00	0.00E+00
45	Court. Subdivision 10	677179.7	4862499.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.05E-03	4.84		0.00E+00	0.00E+00
46	Bow. Subdivision 1	683536.7	4864215.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.46E-03	4.85		0.00E+00	0.00E+00
47	Bow. Subdivision 2	683770.0	4863915.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.88E-03	4.84		0.00E+00	0.00E+00
48	Bow. Subdivision 3	683671.0	4863534.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.57E-03	4.85		0.00E+00	0.00E+00
49	Bow. Subdivision 4	684501.9	4863847.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.15E-03	4.84		0.00E+00	0.00E+00
50	Bow. Subdivision 5	684242.9	4863518.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.04E-03	4.84		0.00E+00	0.00E+00
51	Bow. Subdivision 6	684271.4	4863201.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
52	Bow. Subdivision 7	683992.6	4862628.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.11E-03	4.84		0.00E+00	0.00E+00
53	Bow. Subdivision 8	684608.2	4862956.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.83E-03	4.84		0.00E+00	0.00E+00
54	Bow. Subdivision 9	684777.3	4863330.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00





Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	2.78E-05	4.44E-03			5.30E-04	4.70E-03	1.34E-04	4.60E-05	0.02			4.08E-03			
				5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
55	Bow. Subdivision 10	685266.0	4863243.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
56	Osh/Court Subdivision 1	677396.8	4860977.3	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.48E-03	4.86		0.00E+00	0.00E+00
57	Osh/Court Subdivision 2	676633.5	4860816.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.28E-03	4.84		0.00E+00	0.00E+00
58	Osh/Court Subdivision 3	676916.0	4861925.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.14E-03	4.84		0.00E+00	0.00E+00
59	Osh/Court Subdivision 4	676730.5	4861317.1	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.95E-03	4.85		0.00E+00	0.00E+00
60	Osh/Court Subdivision 5	676087.2	4861392.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.35E-03	4.85		0.00E+00	0.00E+00
61	Osh/Court Subdivision 6	676177.1	4861722.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.92E-03	4.84		0.00E+00	0.00E+00
62	Osh/Court Subdivision 7	675670.7	4861783.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
63	Osh/Court Subdivision 8	676050.8	4862055.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.89E-03	4.84		0.00E+00	0.00E+00
64	Osh/Court Subdivision 9	676636.9	4862134.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.97E-03	4.84		0.00E+00	0.00E+00
65	Osh/Court Subdivision 10	676571.3	4861634.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.05E-03	4.84		0.00E+00	0.00E+00
66	Bow. Subdivision 11	684649.2	4863182.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
67	Daycare B	685172.4	4863933.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.71E-03	4.84		0.00E+00	0.00E+00
68	Daycare C	685452.0	4863104.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.85E-03	4.84		0.00E+00	0.00E+00
69	Daycare D	685527.7	4864693.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.93E-03	4.84		0.00E+00	0.00E+00
70	Daycare E	685735.4	4864790.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	4.84		0.00E+00	0.00E+00
71	Daycare F	685520.3	4864854.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.95E-03	4.84		0.00E+00	0.00E+00
72	Daycare G	685441.9	4864878.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.92E-03	4.84		0.00E+00	0.00E+00
73	Daycare H	686364.8	4864707.8	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
74	Daycare I	685721.6	4865127.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	4.84		0.00E+00	0.00E+00
75	Daycare J	678256.3	4863565.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.04E-03	4.84		0.00E+00	0.00E+00
76	Daycare K	677694.1	4864043.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.80E-03	4.84		0.00E+00	0.00E+00
77	Daycare L	676479.5	4862526.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.18E-03	4.84		0.00E+00	0.00E+00
78	Daycare M	678320.9	4864763.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.77E-03	4.84		0.00E+00	0.00E+00
79	Daycare N	678513.4	4865058.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.64E-03	4.84		0.00E+00	0.00E+00
80	Daycare O	672788.7	4863936.6	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	4.83		0.00E+00	0.00E+00
81	Daycare P	673952.8	4863592.5	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.49E-03	4.83		0.00E+00	0.00E+00
82	Daycare Q	671751.8	4864887.7	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
83	Daycare R	685714.4	4864667.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.81E-03	4.84		0.00E+00	0.00E+00
84	Daycare S	684177.9	4863618.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.37E-03	4.85		0.00E+00	0.00E+00
85	Daycare T	678423.6	4864480.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.80E-03	4.84		0.00E+00	0.00E+00
86	Daycare U	685330.5	4863435.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.94E-03	4.84		0.00E+00	0.00E+00
87	Daycare V	685153.2	4863236.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.94E-03	4.84		0.00E+00	0.00E+00
88	Daycare W	672679.0	4862044.9	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	4.83		0.00E+00	0.00E+00
89	Daycare X	672076.5	4865285.8	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.42E-03	4.83		0.00E+00	0.00E+00
90	Daycare Y	672638.0	4859664.4	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.58E-03	4.83		0.00E+00	0.00E+00
91	Daycare Z	673735.9	4858958.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.93E-03	4.84		0.00E+00	0.00E+00
92	Daycare AA	673121.8	4863385.9	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.50E-03	4.83		0.00E+00	0.00E+00
93	Daycare BB	673904.8	4862282.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.63E-03	4.84		0.00E+00	0.00E+00
94	Daycare CC	671471.6	4861795.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.30E-03	4.83		0.00E+00	0.00E+00
95	Daycare DD	673057.3	4862625.6	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.44E-03	4.83		0.00E+00	0.00E+00
96	Daycare EE	674917.1	4863957.2	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.56E-03	4.83		0.00E+00	0.00E+00
97	Daycare FF	671356.6	4862954.4	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
98	Daycare GG	671675.5	4862705.8	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
99	Daycare HH	671604.8	4860138.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
100	Daycare II	670945.2	4857983.8	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	4.83		0.00E+00	0.00E+00
101	Daycare JJ	677514.6	4864744.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.54E-03	4.83		0.00E+00	0.00E+00
102	Daycare KK	676519.9	4862680.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
103	Daycare LL	677660.6	4863601.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.24E-03	4.84		0.00E+00	0.00E+00
104	Court. Subdivision 11	677665.8	4863406.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.33E-03	4.85		0.00E+00	0.00E+00
105	Daycare NN	674866.3	4864667.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.79E-03	4.84		0.00E+00	0.00E+00
106	Daycare OO	673201.0	4864746.4	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
107	Daycare PP	674794.5	4864915.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.96E-03	4.84		0.00E+00	0.00E+00
108	Hospital	686324.2	4864395.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	2.78E-05	4.44E-03			5.30E-04	4.70E-03	1.34E-04	4.60E-05	0.02			4.08E-03			
				5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
109	Hospital (Children's)	676057.8	4862180.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.04E-03	4.84		0.00E+00	0.00E+00
110	Hospital	671233.2	4863615.9	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.34E-03	4.83		0.00E+00	0.00E+00
111	Comm. Resp. Services	676045.4	4863902.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.12E-03	4.84		0.00E+00	0.00E+00
112	Hospital	671712.7	4862364.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
113	Retirement Residence A	684199.9	4864120.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.03E-03	4.84		0.00E+00	0.00E+00
114	Retirement Residence B	685483.9	4865150.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.72E-03	4.84		0.00E+00	0.00E+00
115	Retirement Residence C	686844.0	4864732.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.66E-03	4.84		0.00E+00	0.00E+00
116	Retirement Residence D	673481.7	4863343.4	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.52E-03	4.83		0.00E+00	0.00E+00
117	Retirement Residence E	671825.2	4864399.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.32E-03	4.83		0.00E+00	0.00E+00
118	Retirement Residence F	671606.3	4864536.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
119	Retirement Residence G	671357.1	4862958.7	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
120	Retirement Residence H	671514.0	4862262.9	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.40E-03	4.83		0.00E+00	0.00E+00
121	Retirement Residence I	672602.2	4863075.9	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.40E-03	4.83		0.00E+00	0.00E+00
122	Retirement Residence J	671719.1	4862893.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
123	Retirement Residence K	686718.0	4865648.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.66E-03	4.84		0.00E+00	0.00E+00
124	Retirement Residence L	676168.7	4865669.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.71E-03	4.84		0.00E+00	0.00E+00
125	Retirement Residence M	676118.5	4863980.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.13E-03	4.84		0.00E+00	0.00E+00
126	Bow. Subdivision 12	684649.2	4863182.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
127	Primary School B	685384.8	4863575.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.96E-03	4.84		0.00E+00	0.00E+00
128	Primary School C	685021.6	4863952.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.69E-03	4.84		0.00E+00	0.00E+00
129	Primary School D	686237.0	4864085.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.81E-03	4.84		0.00E+00	0.00E+00
130	Primary School E	686719.0	4863734.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00
131	Primary School F	686357.0	4864754.9	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.52E-03	4.83		0.00E+00	0.00E+00
132	Primary School G	685502.0	4865013.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.86E-03	4.84		0.00E+00	0.00E+00
133	Primary School H	686726.7	4866061.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	4.84		0.00E+00	0.00E+00
134	Primary School I	685186.2	4866568.2	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
135	Primary School J	685965.3	4866979.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.54E-03	4.83		0.00E+00	0.00E+00
136	Primary School K	677709.9	4864726.5	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
137	Primary School L	675988.3	4864270.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.28E-03	4.84		0.00E+00	0.00E+00
138	Primary School M	676608.7	4862739.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.83E-03	4.84		0.00E+00	0.00E+00
139	Primary School N	677222.2	4863759.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.31E-03	4.84		0.00E+00	0.00E+00
140	Primary School O	678154.9	4863872.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.88E-03	4.84		0.00E+00	0.00E+00
141	Court. Subdivision 12	678309.6	4863600.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.04E-03	4.84		0.00E+00	0.00E+00
142	Primary School Q	677010.6	4862470.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
143	Primary School R	677431.3	4866694.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.78E-03	4.84		0.00E+00	0.00E+00
144	Primary School S	675266.2	4863562.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	4.84		0.00E+00	0.00E+00
145	Primary School T	673479.2	4860029.4	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.54E-03	4.83		0.00E+00	0.00E+00
146	Primary School U	670856.0	4860710.6	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
147	Primary School V	672660.2	4863909.2	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
148	Primary School W	672735.2	4859232.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.15E-03	4.84		0.00E+00	0.00E+00
149	Primary School X	673575.8	4862688.6	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
150	Primary School Y	673710.3	4861969.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.75E-03	4.84		0.00E+00	0.00E+00
151	Primary School Z	672366.0	4859928.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.44E-03	4.83		0.00E+00	0.00E+00
152	Primary School AA	672561.7	4866047.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.49E-03	4.83		0.00E+00	0.00E+00
153	Primary School BB	675095.1	4862930.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.68E-03	4.84		0.00E+00	0.00E+00
154	Primary School CC	673242.6	4865197.9	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.52E-03	4.83		0.00E+00	0.00E+00
155	Primary School DD	674164.9	4863031.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	4.84		0.00E+00	0.00E+00
156	Primary School EE	671905.6	4864697.8	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.28E-03	4.83		0.00E+00	0.00E+00
157	Primary School FF	673294.9	4858774.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	4.84		0.00E+00	0.00E+00
158	Primary School GG	671659.7	4863120.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.39E-03	4.83		0.00E+00	0.00E+00
159	Primary School HH	673853.4	4866711.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.94E-03	4.84		0.00E+00	0.00E+00
160	Primary School II	672616.7	4862114.9	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
161	Primary School JJ	673567.2	4861899.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.64E-03	4.84		0.00E+00	0.00E+00
162	Primary School KK	671791.0	4861954.2	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.41E-03	4.83		0.00E+00	0.00E+00



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	2.78E-05	4.44E-03			5.30E-04	4.70E-03	1.34E-04	4.60E-05	0.02			4.08E-03			
				5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
163	Primary School LL	673762.3	4864210.6	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.48E-03	4.83		0.00E+00	0.00E+00
164	Primary School MM	672238.8	4864621.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.31E-03	4.83		0.00E+00	0.00E+00
165	Primary School NN	673213.6	4858677.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.60E-03	4.84		0.00E+00	0.00E+00
166	Primary School OO	675474.8	4863221.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.75E-03	4.84		0.00E+00	0.00E+00
167	Primary School PP	672441.8	4858748.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.68E-03	4.84		0.00E+00	0.00E+00
168	Primary School QQ	672796.8	4864438.2	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.39E-03	4.83		0.00E+00	0.00E+00
169	Primary School RR	671351.4	4863284.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.37E-03	4.83		0.00E+00	0.00E+00
170	Primary School SS	673213.9	4862125.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.61E-03	4.84		0.00E+00	0.00E+00
171	Primary School TT	671017.9	4860953.7	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.32E-03	4.83		0.00E+00	0.00E+00
172	Primary School UU	670991.0	4861089.8	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.28E-03	4.83		0.00E+00	0.00E+00
173	Primary School VV	674150.1	4862294.8	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
174	Primary School WW	672005.2	4861707.9	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.35E-03	4.83		0.00E+00	0.00E+00
175	Primary School XX	684172.1	4863615.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.40E-03	4.85		0.00E+00	0.00E+00
176	Primary School YY	683923.3	4866636.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.78E-03	4.84		0.00E+00	0.00E+00
177	Primary School ZZ	680446.0	4865770.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.65E-03	4.84		0.00E+00	0.00E+00
178	Vacant School	685612.9	4864520.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.71E-03	4.84		0.00E+00	0.00E+00
179	Secondary School A	686291.4	4865064.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.61E-03	4.84		0.00E+00	0.00E+00
180	Secondary School B	683875.0	4864741.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.39E-03	4.85		0.00E+00	0.00E+00
181	Secondary School C	684650.3	4866460.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.60E-03	4.84		0.00E+00	0.00E+00
182	Secondary School D	678099.5	4864838.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00
183	Secondary School E	678467.0	4863431.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.14E-03	4.84		0.00E+00	0.00E+00
184	Secondary School F	674144.9	4862762.7	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.51E-03	4.83		0.00E+00	0.00E+00
185	Secondary School G	673816.0	4864357.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.47E-03	4.83		0.00E+00	0.00E+00
186	Secondary School H	673145.4	4858569.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
187	Secondary School I	671291.7	4863581.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.35E-03	4.83		0.00E+00	0.00E+00
188	Secondary School J	671443.2	4861664.9	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.23E-03	4.83		0.00E+00	0.00E+00
189	Secondary School K	673235.3	4860885.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.42E-03	4.83		0.00E+00	0.00E+00
190	Secondary School L	684252.7	4866500.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.74E-03	4.84		0.00E+00	0.00E+00
191	Secondary School M	673914.1	4859551.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.03E-03	4.84		0.00E+00	0.00E+00
192	Secondary School N	675051.5	4864177.2	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.56E-03	4.83		0.00E+00	0.00E+00
193	Adult School	685276.1	4866019.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.74E-03	4.84		0.00E+00	0.00E+00
194	Bow. Valley Cons. 1	685356.6	4864521.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.85E-03	4.84		0.00E+00	0.00E+00
195	Bow. Valley Cons. 2	685627.7	4864167.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.64E-03	4.84		0.00E+00	0.00E+00
196	Bow. Valley Cons. 4	685852.7	4863640.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.82E-03	4.84		0.00E+00	0.00E+00
197	Bow. Valley Cons. 5	686163.1	4863621.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.89E-03	4.84		0.00E+00	0.00E+00
198	Bow. Valley Cons. 6	685931.9	4863380.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.82E-03	4.84		0.00E+00	0.00E+00
199	Maple Grove 1	681688.5	4864717.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.89E-03	4.84		0.00E+00	0.00E+00
200	Maple Grove 2	681768.9	4864631.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
201	Maple Grove 3	681894.9	4864506.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.93E-03	4.84		0.00E+00	0.00E+00
202	Maple Grove 4	681974.8	4864443.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
203	Maple Grove 5	681942.2	4864676.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.90E-03	4.84		0.00E+00	0.00E+00
204	Maple Grove 6	682053.2	4864586.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.97E-03	4.84		0.00E+00	0.00E+00
205	Maple Grove 7	682168.5	4864631.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.01E-03	4.84		0.00E+00	0.00E+00
206	Maple Grove 8	682261.7	4864520.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.03E-03	4.84		0.00E+00	0.00E+00
207	Maple Grove 9	682382.1	4864589.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.87E-03	4.84		0.00E+00	0.00E+00
208	Maple Grove 10	682459.8	4864499.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.74E-03	4.84		0.00E+00	0.00E+00
209	Port Darlington 1	686227.8	4861159.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.17E-03	4.84		0.00E+00	0.00E+00
210	Port Darlington 2	686184.8	4861252.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.06E-03	4.84		0.00E+00	0.00E+00
211	Port Darlington 3	686151.2	4861286.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.02E-03	4.84		0.00E+00	0.00E+00
212	Port Darlington 4	686351.1	4861341.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.21E-03	4.84		0.00E+00	0.00E+00
213	Port Darlington 5	686406.8	4861448.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.25E-03	4.84		0.00E+00	0.00E+00
214	Port Darlington 6	686504.5	4861604.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.29E-03	4.84		0.00E+00	0.00E+00
215	Port Darlington 7	686703.0	4861789.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.18E-03	4.84		0.00E+00	0.00E+00
216	Port Darlington 8	686895.8	4861960.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	2.78E-05	4.44E-03			5.30E-04	4.70E-03	1.34E-04	4.60E-05	0.02			4.08E-03			
				5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
217	Port Darlington 9	686867.4	4862119.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.80E-03	4.84		0.00E+00	0.00E+00
218	Port Darlington 10	687190.7	4862048.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00
219	Port Darlington 11	687524.4	4862126.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.72E-03	4.84		0.00E+00	0.00E+00
220	Campground 1	678646.3	4860337.7	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.46E-03	4.86		0.00E+00	0.00E+00
221	Campground 2	678410.2	4860148.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.20E-03	4.86		0.00E+00	0.00E+00
222	Campground 3	678651.0	4860054.4	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.89E-03	4.85		0.00E+00	0.00E+00
223	Campground 4	678725.9	4859860.7	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.85E-03	4.85		0.00E+00	0.00E+00
224	Campground 5	678511.1	4859808.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.41E-03	4.85		0.00E+00	0.00E+00
225	Campground 6	678869.5	4859696.0	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.70E-03	4.85		0.00E+00	0.00E+00
226	Campground 7	678723.9	4860201.8	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.38E-03	4.86		0.00E+00	0.00E+00
227	Campground 8	678796.0	4860011.4	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.73E-03	4.85		0.00E+00	0.00E+00
228	Campground 9	678852.7	4859854.2	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.02E-03	4.85		0.00E+00	0.00E+00
229	Solina 1	681099.6	4861677.2	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.12E-03	4.86		0.00E+00	0.00E+00
230	Solina 2	681115.7	4861857.7	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.10E-03	4.86		0.00E+00	0.00E+00
231	Solina 3	680987.4	4861983.5	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.17E-03	4.86		0.00E+00	0.00E+00
232	Solina 4	680965.0	4862068.1	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.01E-03	4.85		0.00E+00	0.00E+00
233	Solina 5	681021.5	4862086.7	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.12E-03	4.86		0.00E+00	0.00E+00
234	Solina 6	680939.8	4862124.3	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.82E-03	4.85		0.00E+00	0.00E+00
235	Solina 7	680988.2	4862183.6	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.90E-03	4.85		0.00E+00	0.00E+00
236	Solina 8	680984.6	4862209.8	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.81E-03	4.85		0.00E+00	0.00E+00
237	Solina 9	680958.6	4862294.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.66E-03	4.85		0.00E+00	0.00E+00
238	Solina 10	680858.0	4862324.3	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.82E-03	4.85		0.00E+00	0.00E+00
239	Solina 11	680990.3	4862403.5	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.71E-03	4.85		0.00E+00	0.00E+00
240	Recreational 1	681545.0	4860865.0	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.95E-03	4.85		0.00E+00	0.00E+00
241	Recreational 2	681563.7	4860687.4	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.57E-03	4.86		0.00E+00	0.00E+00
242	Recreational 3	681579.7	4860610.0	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.39E-03	4.86		0.00E+00	0.00E+00
243	Recreational 6	681876.6	4860254.4	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.09E-03	4.87		0.00E+00	0.00E+00
244	Recreational 7	682166.9	4860324.4	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.49E-03	4.86		0.00E+00	0.00E+00
245	Darlington 1	679565.4	4861052.9	5.23E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	0.01	4.89		0.00E+00	0.00E+00
246	Darlington 2	679452.9	4861051.4	5.23E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.87E-03	4.88		0.00E+00	0.00E+00
247	Darlington 3	679130.5	4860948.8	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.96E-03	4.87		0.00E+00	0.00E+00
248	Darlington 4	679112.6	4860941.9	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.01E-03	4.87		0.00E+00	0.00E+00
249	Darlington 5	679057.6	4860994.1	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.88E-03	4.87		0.00E+00	0.00E+00
250	Darlington 6	679075.2	4860931.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.05E-03	4.87		0.00E+00	0.00E+00
251	Darlington 7	678814.3	4860843.1	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.55E-03	4.86		0.00E+00	0.00E+00
252	Darlington 8	678840.4	4860777.1	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.30E-03	4.86		0.00E+00	0.00E+00
253	Light Ind. 1	680000.1	4861034.1	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.87E-03	4.87		0.00E+00	0.00E+00
254	Light Ind. 2	680060.7	4861056.4	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.84E-03	4.87		0.00E+00	0.00E+00
255	Light Ind. 3	680291.2	4861151.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.07E-03	4.87		0.00E+00	0.00E+00
256	Light Ind. 4	680536.3	4861204.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.65E-03	4.86		0.00E+00	0.00E+00
257	Light Ind. 5	680350.4	4861290.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.17E-03	4.87		0.00E+00	0.00E+00
258	Light Ind. 6	680306.9	4861275.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.25E-03	4.87		0.00E+00	0.00E+00
259	Light Ind. 7	680267.2	4861262.4	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.18E-03	4.87		0.00E+00	0.00E+00
260	Light Ind. 8	680233.6	4861250.7	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.01E-03	4.87		0.00E+00	0.00E+00
261	Light Ind. 9	680175.3	4861227.5	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.67E-03	4.86		0.00E+00	0.00E+00
262	Light Ind. 10	680092.5	4861185.1	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.52E-03	4.86		0.00E+00	0.00E+00
263	Light Ind. 11	680071.6	4861246.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.47E-03	4.86		0.00E+00	0.00E+00
264	Light Ind. 12	680021.4	4861186.9	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.74E-03	4.86		0.00E+00	0.00E+00
265	Future Industrial 7	680816.2	4860219.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.66E-03	4.85		0.00E+00	0.00E+00
266	Future Industrial 8	680398.0	4860731.8	5.23E-03	3.39	0.37	2.31	0.49	9.48	0.11	0.54	2.17	0.81	0.01	4.90		0.00E+00	0.00E+00
267	Future Industrial 1	680359.6	4859959.2	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.93E-03	4.85		0.00E+00	0.00E+00
268	Future Industrial 2	680083.7	4859985.7	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.93E-03	4.85		0.00E+00	0.00E+00
269	Future Industrial 3	680819.9	4860705.3	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.39E-03	4.86		0.00E+00	0.00E+00
270	Future Industrial 4	681070.0	4859937.2	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.23E-03	4.86		0.00E+00	0.00E+00





Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	2.78E-05	4.44E-03			5.30E-04	4.70E-03	1.34E-04	4.60E-05	0.02			4.08E-03			
				5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
271	Future Industrial 5	679898.8	4860067.4	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.21E-03	4.86		0.00E+00	0.00E+00
272	Future Industrial 6	680134.8	4860694.1	5.23E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.60E-03	4.88		0.00E+00	0.00E+00
273	Future Industrial 11	680253.7	4860255.2	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.56E-03	4.86		0.00E+00	0.00E+00
274	Future Industrial 12	679901.2	4860511.8	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.54E-03	4.86		0.00E+00	0.00E+00
275	Commercial Farmer	679867.8	4860445.4	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.56E-03	4.86		0.00E+00	0.00E+00
276	Farmer	679277.0	4859981.5	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.76E-03	4.85		0.00E+00	0.00E+00
277	Residence	679387.2	4860648.9	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.70E-03	4.86		0.00E+00	0.00E+00
278	Barn	679261.9	4860574.2	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.21E-03	4.86		0.00E+00	0.00E+00
279	Residence	680150.7	4861295.7	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.62E-03	4.86		0.00E+00	0.00E+00
280	Residence	679939.8	4861213.4	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.72E-03	4.86		0.00E+00	0.00E+00
281	Farmer	680855.7	4861456.9	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.62E-03	4.86		0.00E+00	0.00E+00
282	Farmer	681386.2	4861673.3	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.61E-03	4.86		0.00E+00	0.00E+00
283	Residence	680683.5	4861597.9	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.55E-03	4.86		0.00E+00	0.00E+00
284	Business	680064.3	4861343.7	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.26E-03	4.86		0.00E+00	0.00E+00
285	Farmer	679680.1	4861213.5	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.12E-03	4.87		0.00E+00	0.00E+00
286	Farmer	681344.8	4861792.9	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.10E-03	4.86		0.00E+00	0.00E+00
287	Youth Centre	685644.2	4864814.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.92E-03	4.84		0.00E+00	0.00E+00
288	Bowmanville Arena	685462.9	4864615.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.91E-03	4.84		0.00E+00	0.00E+00
289	Bowmanville Rec Complex	684160.3	4864604.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.09E-03	4.84		0.00E+00	0.00E+00
290	Recreation Complex	684586.6	4862406.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.98E-03	4.84		0.00E+00	0.00E+00
291	Superdog Central	681487.7	4865723.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.78E-03	4.84		0.00E+00	0.00E+00
292	Equestrian Centre	681567.1	4863670.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.44E-03	4.85		0.00E+00	0.00E+00
293	Flea Market	678574.6	4862819.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.55E-03	4.85		0.00E+00	0.00E+00
294	Equestrian Centre	680030.8	4867320.2	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.42E-03	4.83		0.00E+00	0.00E+00
295	Courtice Community Comp	678099.3	4864629.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.77E-03	4.84		0.00E+00	0.00E+00
296	Former Restaurant	679830.2	4860702.2	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.28E-03	4.86		0.00E+00	0.00E+00
297	Commercial	679364.8	4861016.0	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.09E-03	4.87		0.00E+00	0.00E+00
298	GM Oshawa Headquarters	676418.3	4860463.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.40E-03	4.85		0.00E+00	0.00E+00
299	Farm A?	682972.3	4862201.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.34E-03	4.85		0.00E+00	0.00E+00
300	Farm B?	683546.9	4861959.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.41E-03	4.85		0.00E+00	0.00E+00
301	Farm C?	682547.5	4862321.1	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.83E-03	4.85		0.00E+00	0.00E+00
302	Farm D?	683238.3	4862393.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.24E-03	4.84		0.00E+00	0.00E+00
303	Farm E?	682512.6	4862858.0	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.81E-03	4.85		0.00E+00	0.00E+00
304	Farm F?	683129.1	4863649.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.33E-03	4.85		0.00E+00	0.00E+00
305	Bennett 1	688209.3	4862512.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.61E-03	4.84		0.00E+00	0.00E+00
306	Bennett 2	687990.0	4863221.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.52E-03	4.83		0.00E+00	0.00E+00
307	Bennett 3	688818.4	4862836.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.54E-03	4.83		0.00E+00	0.00E+00
308	Bennett 4	689045.1	4863365.5	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
309	Bennett 5	688270.5	4863763.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
310	Bennett 6	689908.5	4863100.5	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
311	Bennett 7	688929.9	4864392.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.95E-03	4.84		0.00E+00	0.00E+00
312	Bennett 8	689684.2	4863837.7	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.50E-03	4.83		0.00E+00	0.00E+00
313	Soper 1	687557.9	4862512.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.64E-03	4.84		0.00E+00	0.00E+00
314	Soper 2	687241.9	4863171.7	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.57E-03	4.83		0.00E+00	0.00E+00
315	Soper 3	687023.2	4863903.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.73E-03	4.84		0.00E+00	0.00E+00
316	Soper 4	688158.2	4865389.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.61E-03	4.84		0.00E+00	0.00E+00
317	Soper 5	685027.3	4868253.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.63E-03	4.84		0.00E+00	0.00E+00
318	Soper 6	687287.4	4867037.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.41E-03	4.83		0.00E+00	0.00E+00
319	Soper 7	685683.2	4867148.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.46E-03	4.83		0.00E+00	0.00E+00
320	Soper 8	686748.7	4865874.7	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.66E-03	4.84		0.00E+00	0.00E+00
321	Bowmanville 1	687026.3	4862368.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.72E-03	4.84		0.00E+00	0.00E+00
322	Bowmanville 2	686625.7	4863020.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.61E-03	4.84		0.00E+00	0.00E+00
323	Bowmanville 3	683380.3	4865365.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.16E-03	4.84		0.00E+00	0.00E+00
324	Bowmanville 4	683111.4	4867150.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.89E-03	4.84		0.00E+00	0.00E+00

Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)	2.78E-05	4.44E-03			5.30E-04	4.70E-03	1.34E-04	4.60E-05	0.02			4.08E-03			
				5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
325	Bowmanville 5	682452.2	4869417.5	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.33E-03	4.83		0.00E+00	0.00E+00
326	Bowmanville 6	684778.5	4864888.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	4.84		0.00E+00	0.00E+00
327	Bowmanville 7	684549.5	4866404.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.64E-03	4.84		0.00E+00	0.00E+00
328	Upper Tooley 1	679944.8	4864883.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.96E-03	4.84		0.00E+00	0.00E+00
329	Upper Tooley 2	679055.1	4863885.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.82E-03	4.84		0.00E+00	0.00E+00
330	Upper Tooley 3	679714.0	4862767.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.64E-03	4.85		0.00E+00	0.00E+00
331	Upper Tooley 4	678898.8	4861800.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.64E-03	4.86		0.00E+00	0.00E+00
332	Upper Tooley 5	680353.5	4862156.5	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.21E-03	4.86		0.00E+00	0.00E+00
333	Upper Tooley 6	679818.1	4861625.7	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.08E-03	4.86		0.00E+00	0.00E+00
334	Robinson 1	678434.8	4860943.1	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.12E-03	4.86		0.00E+00	0.00E+00
335	Robinson 2	677752.6	4861240.6	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.73E-03	4.85		0.00E+00	0.00E+00
336	Robinson 3	677642.2	4861787.2	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.52E-03	4.85		0.00E+00	0.00E+00
337	Robinson 4	678532.7	4862143.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.15E-03	4.86		0.00E+00	0.00E+00
338	Robinson 5	678005.1	4862784.9	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.70E-03	4.85		0.00E+00	0.00E+00
339	Robinson 6	677882.7	4860587.7	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.69E-03	4.85		0.00E+00	0.00E+00
340	F/B 1	677443.1	4867862.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.49E-03	4.83		0.00E+00	0.00E+00
341	F/B 2	679667.4	4866611.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.62E-03	4.84		0.00E+00	0.00E+00
342	F/B 3	678655.0	4867470.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.81E-03	4.84		0.00E+00	0.00E+00
343	F/B 4	676191.2	4866844.7	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.50E-03	4.83		0.00E+00	0.00E+00
344	F/B 5	678273.3	4866093.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.71E-03	4.84		0.00E+00	0.00E+00
345	F/B 6	681241.2	4867098.8	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.43E-03	4.83		0.00E+00	0.00E+00
346	F/B 7	682165.3	4868082.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.45E-03	4.83		0.00E+00	0.00E+00
347	F/B 8	679366.6	4868628.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.51E-03	4.83		0.00E+00	0.00E+00
348	F/B 9	680310.1	4869967.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.24E-03	4.83		0.00E+00	0.00E+00
349	F/B 10	676487.3	4869291.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.69E-03	4.84		0.00E+00	0.00E+00
350	F/B 11	676851.4	4865409.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.68E-03	4.84		0.00E+00	0.00E+00
351	F/B 12	681153.3	4868682.2	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.33E-03	4.83		0.00E+00	0.00E+00
352	F/B 13	675416.3	4859833.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.15E-03	4.84		0.00E+00	0.00E+00
353	Second 1	675153.4	4860552.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.92E-03	4.84		0.00E+00	0.00E+00
354	Second 2	675297.5	4860891.3	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.92E-03	4.84		0.00E+00	0.00E+00
355	Second 3	675647.2	4860644.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.00E-03	4.84		0.00E+00	0.00E+00
356	Second 4	675670.5	4860076.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.17E-03	4.84		0.00E+00	0.00E+00
357	Second 5	676043.3	4860319.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.14E-03	4.84		0.00E+00	0.00E+00
358	Second 6	675923.4	4859821.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.45E-03	4.85		0.00E+00	0.00E+00
359	McLaughlin Bay 1	676714.7	4860903.8	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.16E-03	4.84		0.00E+00	0.00E+00
360	McLaughlin Bay 2	677310.8	4860528.2	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.77E-03	4.85		0.00E+00	0.00E+00
361	McLaughlin Bay 3	676563.5	4860260.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.36E-03	4.85		0.00E+00	0.00E+00
362	McLaughlin Bay 4	676699.5	4859696.6	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	9.24E-03	4.87		0.00E+00	0.00E+00
363	McLaughlin Bay 5	677560.0	4860060.1	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.67E-03	4.85		0.00E+00	0.00E+00
364	McLaughlin Bay 6	678204.5	4859832.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.41E-03	4.85		0.00E+00	0.00E+00
365	Harmony Creek 1	674178.3	4861024.2	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.50E-03	4.83		0.00E+00	0.00E+00
366	Harmony Creek 2	674592.0	4862605.3	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
367	Harmony Creek 3	672863.4	4862808.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.42E-03	4.83		0.00E+00	0.00E+00
368	Harmony Creek 4	675671.6	4864469.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.19E-03	4.84		0.00E+00	0.00E+00
369	Harmony Creek 5	672443.1	4864713.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.36E-03	4.83		0.00E+00	0.00E+00
370	Harmony Creek 6	674830.5	4866909.6	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.52E-03	4.83		0.00E+00	0.00E+00
371	Harmony Creek 7	675799.9	4868594.1	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.53E-03	4.83		0.00E+00	0.00E+00
372	Westside 1	686082.6	4862776.6	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.65E-03	4.84		0.00E+00	0.00E+00
373	Westside 2	685778.7	4862137.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.85E-03	4.84		0.00E+00	0.00E+00
374	Westside 3	685084.2	4862827.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.76E-03	4.84		0.00E+00	0.00E+00
375	Darlington 1	680977.5	4865674.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.75E-03	4.84		0.00E+00	0.00E+00
376	Darlington 2	680913.9	4863967.1	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.05E-03	4.84		0.00E+00	0.00E+00
377	Darlington 3	682602.8	4863659.6	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.99E-03	4.85		0.00E+00	0.00E+00
378	Darlington 4	682206.4	4862910.4	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.11E-03	4.86		0.00E+00	0.00E+00



Appendix F - 10: Predicted Daily Ground Level Contaminant Concentrations at the Special Receptors - Scenario 2B

Receptor	Name	UTM E	UTM N	Ethylene Dibromide	Formaldehyde	Mesitylene	Styrene	Tetrachloroethene	Toluene	Trichloroethene, 1,1,1 -	Trichloroethene	Trichlorofluoromethane	Trichlorotrifluoroethane	Vinyl chloride	Xylenes, m-, p- and o-	Phthalates	DEHP	PCIS
		(m)	(m)															
				2.78E-05	4.44E-03			5.30E-04	4.70E-03	1.34E-04	4.60E-05	0.02		4.08E-03	0.06			
				5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	5.88E-03	4.83			
379	Darlington 5	683223.2	4861114.0	5.21E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.15	0.81	7.91E-03	4.85		0.00E+00	0.00E+00
380	Darlington 6	683947.7	4862362.0	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.33E-03	4.85		0.00E+00	0.00E+00
381	Darlington 7	685361.9	4861143.4	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.15E-03	4.84		0.00E+00	0.00E+00
382	Bennett ECO/HH	688606.4	4862634.8	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.55E-03	4.83		0.00E+00	0.00E+00
383	Oshawa ECO/HH	673884.9	4859128.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.25E-03	4.84		0.00E+00	0.00E+00
384	Oshawa Creek 1	671671.2	4862793.7	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.38E-03	4.83		0.00E+00	0.00E+00
385	Oshawa Creek 2	671668.5	4861589.5	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.23E-03	4.83		0.00E+00	0.00E+00
386	Oshawa Creek 3	672820.2	4861287.2	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.29E-03	4.83		0.00E+00	0.00E+00
387	Oshawa Creek 4	672360.3	4860262.6	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.42E-03	4.83		0.00E+00	0.00E+00
388	Oshawa Creek 5	673921.2	4860115.0	5.20E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.59E-03	4.83		0.00E+00	0.00E+00
389	Oshawa Creek 6	673154.0	4859421.9	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	7.05E-03	4.84		0.00E+00	0.00E+00
390	Farmer	677409.8	4861051.4	5.22E-03	3.38	0.37	2.31	0.49	9.48	0.11	0.54	2.16	0.81	8.55E-03	4.86		0.00E+00	0.00E+00
391	Commercial Market	688276.3	4864698.5	5.21E-03	3.38	0.37	2.31	0.49	9.47	0.11	0.54	2.15	0.81	6.74E-03	4.84		0.00E+00	0.00E+00

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